



16/17



PRODUCT CATALOGUE

WELCOME

Welcome to the **NEW** Parweld catalogue where you will find over 360 pages packed with over 4000 product lines.

Updated and clearly sectioned and with detailed photographs throughout finding and selecting the right product couldn't be easier.

Our continued range underlines Parweld's commitment to future growth with a product portfolio widened to meet the demands of our consumers.

Fast, Easy Ordering

Our sales team are available Monday to Thursday 8.30am to 6.00pm and Friday 8.30am to 5.30pm.

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WE ACCEPT



Cheque, Cash, Master Card, Visa, Switch, Solo & Delta

Service

Ex-stock

99% of our products are dispatched same day from stock.

Account Managers

Each account is appointed their own Account Manager who will deal personally with your requirements.

Next Day Delivery

for orders placed before 5pm

All orders placed by 5.00pm Monday to Thursday and 4.00pm Friday will be dispatched on a next day carrier service. Carriage is paid on all orders over £125 exclusive of VAT and Carriage.

Order Value	Below £125 Nett	£125 Nett
Next Day Delivery	£5.00	FOC
First Class Post (up to 1 kilo)		
Next Day Delivery	£9.50	FOC
Next Day Delivery by 10.30am	£22.50	£13.00

Pallet Orders

All pallet sized orders placed by 3.00pm Monday to Thursday and 2.00pm Friday will be dispatched same day on a 2-3 day service (excluding Highlands and North Scotland). Carriage is paid on all orders over £125 Nett. For all other pallet orders carriage is POA. To upgrade to Next Day Delivery will cost an extra £13.00.

Supporting You All Over The World

Parweld now has distributors in over 55 countries, including Bulgaria, France, Hungary, Italy, Spain, Romania, Holland, Sweden and Turkey with operations as far afield as Chile, America and Australia.

Technology and Expertise

From a lock-up garage in Bewdley, Worcestershire Parweld began operating 44 years ago manufacturing welding torches to the industry. It was from here that Parweld began its journey to become a market leader in MIG, TIG and Plasma torches, machines and accessory welding products.

Thoughtful design and re-engineering lie behind Parwelds record of consistently successful product innovation.

State of the art development techniques and production equipment is used to produce one of the world's most comprehensive ranges of welding products.

With over 32 years experience of producing welding and cutting torches and 17 years experience of outsourcing and manufacturing under licence Parwelds objective is simple to engineer a range of standard features essential to the functionality, usability and service life of its products.

Quality

Our aim is that customers will trust a product because it carries the Parweld name, a mark of quality.

The entire product range carries the CE mark, and is constructed in accordance with European directives and the product specific standards where they apply.

Bespoke OEM Branding and Development

Its our forte...contact us for more details.

Stock Holding

Based in the UK our modern purpose built unit is fully equipped with racking for over 1500 pallets.

Website

To view our information online please visit www.parweld.com

Each product is detailed so that you can find all the information you require in one place including key features, dimensions and technical information including certificates of conformance.

The website can be easily accessed on your computer, tablet and mobile phone.

Further Information

For more information on Parwelds range please call our sales office or visit www.parweld.com



NEW Pro-Grip Max® Handle System

Available on the BZL Pro-Grip Max® MIG Range and the Pro-Grip Max® TIG Range

- Innovative New Handle Design
- Reduced Reach for Trigger
- Re-designed High-flex Ball Joint System
- Enhanced Integrated Dual Grips

Page 36 (MIG)

Page 136 (TIG)

**NEW BZL Double Cooled Torch**

- Direct Cooling to Contact Tip and Nozzle
- Water Jacket Head and Compact HD Copper Consumables Deliver Unrivalled Performance

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NEW Pro-Grip Max® 550W Tig Torch

- Heavy Duty Cables Ensure Cool Running and Extended Life
- Compact Head Dimensions for Improved Access
- Water Jacket Cooling

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NEW Plasma Cutting Torch Range



- Innovative Modular Handle Design with Integrated Safety Features
- Superior Comfort and Flexibility
- HF and Non HF Models
- New Models include HYP45

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NEW TIG Inverters

XTT 200 DCP Inverter



- 230V Input
- 30% Duty Cycle @ 200A
- Variable Pulse Frequency
- HF Arc Starting

Page 244

XTT 503 AC/DC



- 400V 3 Phase Input
- 60% Duty Cycle @ 500A
- Variable Pulse Frequency
- HF Arc Starting

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NEW MMA Inverter Machines**XTS 142 MMA
Inverter**

- 230V Input
- Lightweight 4.5kg
- 60% Duty Cycle @ 140A

Page 237**XTS 202 MMA
Inverter**

- 230V Input
- 20% @ 200A
- Welding Mode for Rutile and Low Hydrogen Electrodes

Page 240**XTS 403 MMA
Inverter**

- 400V 3 Phase Input
- 60% Duty Cycle @ 400A
- Easy Electrode Striking

Page 242**NEW Synergic MIG Inverter Machines****XTM 200i SYNERGIC MIG
INVERTER**

- 230V Input
- 20% Duty Cycle @ 200A
- Synergic Control

Page 253**XTM 500i SYNERGIC MIG
INVERTER**

- 400V Three Phase Input
- 60% Duty Cycle @ 500A
- Synergic Control

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NEW Automotive MIG Machines

XTE 171C AUTOMOTIVE MIG MACHINE



- 230V Single Phase Input
- 10% Duty Cycle @ 140A
- Portable and Compact

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XTE 181C AUTOMOTIVE MIG MACHINE



- 230V Single Phase Input
- 20% Duty Cycle @ 180A
- Portable and Compact

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XTE 201C AUTOMOTIVE MIG MACHINE



- 230V Single Phase Input
- 20% Duty Cycle @ 200A
- Portable and Compact

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NEW PROTECT PREWELD ANTISPATTER

Advanced Preweld Antispatter

- New Highly Concentrated Formula
- Most Advanced Formula to Date – 3 Times Stronger Than Our Previous Products
- Outlasts Conventional Antispatter
- Silicon and Dichloromethane Free
- Excellent Spatter Resistance

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XP8 G2 Features and Benefits

Swan Necks No More Shorting

Overmoulded necks prevent reflected heat transfer passing through the neck. Shorting of the neck to the work piece is now impossible.

Necks are more impact resistant than metal clad necks

- Lightweight
- Durable and Robust

Side Vents

- Ensures ultimate cooling

Thumb Rest

- Offers additional comfort

Innovative Handle Design No More Tools

- Screwless design solutions
- Modular fit concept
 - Significantly reduces RSI
 - Integrated dual grips with additional ribs for a relaxed grip
- Offers the ultimate in comfort and ease of handling

Hanger Hooks Easy to Store

- Less prone to damage
- Encourages an efficient and tidy workspace

Trigger Plug and Play

- Encapsulated trigger extends service life

High Flex Ball Joint System Improved Manoeuvrability

Small movements of the handle and neck are possible independent of the cable assembly

Cable Supports Improved Wire Feed

The perfect balance of freedom of movement and progressive support to the power cable is achieved.

Contact Tips Exceptional Service Life

Manufactured from a high grade Chrome Zirconium Copper Alloy

- Extra length
- Dual contact points
- Force cooling

Nozzles Self Insulated

- Ensures cooler running necks
- High specification resin and sleeve assembly
- Push on

Shake Proof Washer (Not Illustrated)

- Offers extra security to ensure cables do not work loose due to repetitive twisting and rotating of the torch front end.

Liner Systems

- High carbon steel standard liners for steel wires
- Tapered seat O ring seals
- Polyamide to drive roll pick-up systems

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Crimp Systems No More Leaks

Cable termination geometries and crimp systems guarantee sealing

Gun Plug Bodies

- Spring loaded pins
- Guaranteed gas seals

Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production.

All components pass rigorous quality control checks prior to assembly.

All torches are designed to be tough and damage resistant and comply with EN60974-7.



The World's Most Productive Welding Torch

The XP8 is a fresh approach. It has been designed around today's production environment, modern welding techniques and equipment. The XP8 sets new standards in design, innovation and performance.

What Makes XP8 Different?

80% Duty Cycle

In recent years guidelines laid down by the European Standard EN60974-7 have served to harmonise global understanding of MIG welding torch performance.

The ratings of European torches were traditionally based on a 5-minute cycle where a 60% duty cycle was defined as 3 minutes weld time and 2 minutes downtime. American torches were traditionally rated over a 10-minute cycle where a 60% duty cycle represents 6 minutes weld time and 4 minutes downtime.

The new standards have resulted in the duty cycles of many European torch brands being downgraded in performance due to the extended welding period.

Competitive pressures have also resulted in MIG torches becoming disposable items and while the user may save on initial cost, the loss of performance and durability is ultimately false economy.

Duty cycles quoted by some manufacturers are at best misleading and often fictitious. In line with EN60974-7 a duty cycle of a torch specifies the number of minutes within a 10-minute period during which a welder can operate at a particular welding current and voltage.

The XP8 air cooled torch models are rated at 80% and will weld continuously for 8 minutes at their given ratings. The XP8 water-cooled torches are rated at 100% duty cycle and will weld continuously.

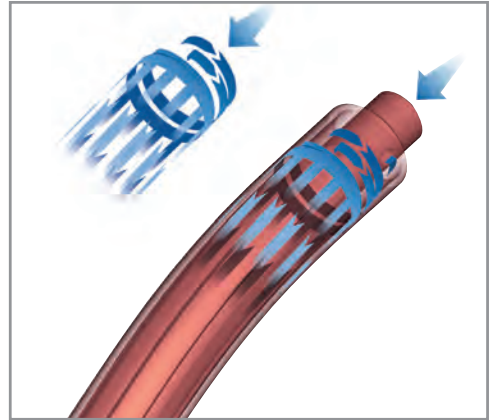
Mixed Gas (80/20)			
Model	Amps	kW	Duty Cycle
XP8-200A	200	6.0	80%
XP8-300A	300	8.7	80%
XP8-350A	350	10.5	80%
XP8-400A	400	12.0	80%
XP8-320W	320	9.6	100%
XP8-450W	450	15.8	100%

In order to provide a more precise method of selecting the correct torch required for a given application and process we now quote the maximum rated output in kilowatts for each XP8 torch, **an industry first**.

Patented Gas Flow Technology

The shielding gas in the XP8 is put to work to improve the cooling effect of the torch neck and front end consumable parts.

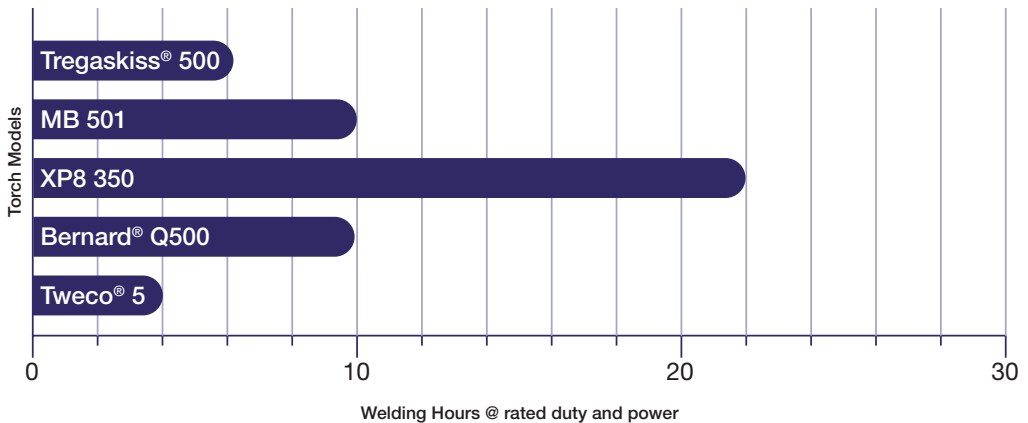
On entering the rear of the neck the gas is separated from the conduit to flow directly over heat sink fins contained in the copper conductor before emerging at the base of the tip adaptor to directly force cool the contact tip.



Extended Consumable Life Expectancy

Superior materials combined with stringent design and performance criteria have resulted in an entire range of consumables with dramatically improved life expectancy.

Contact Tip Life Comparative Data



Superior Ergonomics

The neck and handle geometries have been designed to give a neutral wrist position when welding to reduce the risk of RSI (Repetitive Strain Injury).

The handle design is the most compact available and the handle grips are designed to prevent the torch slipping in the welders hand allowing him to relax his grip, further reducing strain.

The knuckle joint and tapered support improve freedom of movement and give progressive support to the power cable allowing it to form a smooth curve into the handle and maximise wire feed.



XP8 is Rated in Kilowattage – Why?

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW).

How do I select a torch using Kilowattage?

If a torch is required to weld at 300 Amps with a welding voltage of 34 volts the kilowattage is 10.2 kW.

$$\text{ie } \frac{\text{Welding Amps } 300 \times \text{Welding Volts } 34}{1000} = 10.2 \text{ kW}$$

Ideal torches for the applications would therefore be the XP8 350A for an air cooled 80% duty requirement or the XP8 450W for a water cooled 100% application.

Torch selector table for mild steel wires (80/20) Argon/CO₂ shielding gas.

Mixed Gas (80/20)				
Model	Amps	kW	Duty Cycle	Maximum Wire Size
XP8-200A	200	6.0	80%	.045"/1.2mm
XP8-300A	300	8.7	80%	.045"/1.2mm
XP8-350A	350	10.5	80%	1/16"/1.6mm
XP8-400A	400	12.0	80%	3/32"/2.4mm
XP8-320W	320	9.6	100%	1/16"/1.6mm
XP8-450W	450	15.8	100%	3/32"/2.4mm

Note: All ratings quoted are based on a nominal gas flow of 18lpm.

Torch Weight

Model	Weight	
	Kg	Lb
XP8-200A	1.4	3.1
XP8-300A	1.6	3.5
XP8-350A	1.9	4.2
XP8-400A	2.0	4.4
XP8-320W	1.4	3.1
XP8-450W	1.5	3.3

Will the gas I use affect the performance of the torch?

The simple answer is yes. The use of different gas types can have a marked effect on the performance of air cooled torches. Generally the higher the content of CO₂ in the shielding gas the better the performance of the MIG torch.

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-200A	200	6.0	200	6.0	200	7.8
XP8-300A	300	8.7	280	8.4	375	11.7
XP8-350A	350	10.5	300	9.0	425	14.9
XP8-400A	400	12.0	300	9.0	480	17.2
XP8-320W	320	9.6	320	9.6	320	9.6
XP8-450W	450	15.8	450	15.8	450	15.8

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Will the wire type affect the performance of the torch?

Basically yes, but not to the same extent as changes in any other variables.

Table to show the affect on XP8 performance when using alternate wire types

Model	Cycle	Steel Wire (80/20)		Aluminium Wire (100% AR)		Cored Wire (18/20)	
		Amps	kW	Amps	kW	Amps	kW
XP8-200A	80%	200	6.0	200	6.0	200	6.2
XP8-300A	80%	300	8.7	280	8.4	300	9.3
XP8-350A	80%	350	10.5	300	9.0	350	10.5
XP8-400A	80%	400	12.0	300	9.0	400	12.0
XP8-320W	100%	320	9.6	320	9.6	320	9.6
XP8-450W	100%	450	15.8	450	15.8	450	15.8

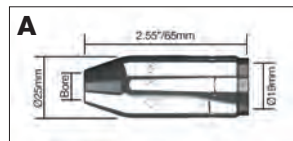
Will a pulse welding process affect the performance of the torch?

The affect of pulse welding on all air cooled torches is dramatic. In the XP8 the effect is similar for all wire types when using a pulse process.

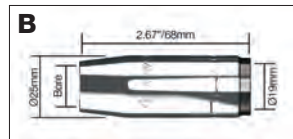
Table to show the affect on XP8 performance when using pulse welding

Model	Amps	Mixed Gas (95/5)	
		kW	Cycle
XP8-200A	200	6.0	80%
XP8-300A	260	9.0	80%
XP8-350A	260	9.0	80%
XP8-400A	260	9.0	80%
XP8-320W	320	9.6	100%
XP8-450W	450	15.8	100%

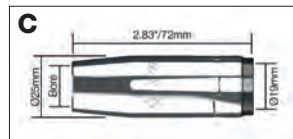
XP8 Nozzles



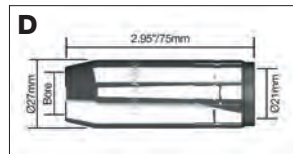
Stock Code	Description	Tip Recess	Bore	Model
A XP2002-10	Tapered Nozzle	Flush	10mm/3/8"	XP8 200A/320W



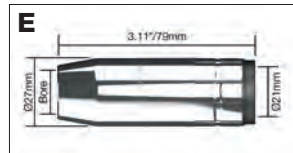
Stock Code	Description	Tip Recess	Bore	Model
B XP2002-13	Tapered Nozzle	2.4mm/3/32"	13mm/1/2"	XP8 200A/320W
XP2002-16	Conical Nozzle	2.4mm/3/32"	16mm/5/8"	XP8 200A/320W
XP2002-19	Cylindrical Nozzle	2.4mm/3/32"	19mm/3/4"	XP8 200A/320W



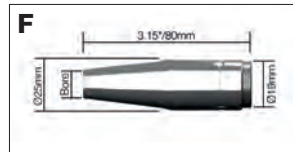
Stock Code	Description	Tip Recess	Bore	Model
C XP2002-16L	Conical Nozzle	6.5mm/1/4"	16mm/5/8"	XP8 200A/320W
XP2002-19L	Cylindrical Nozzle	6.5mm/1/4"	19mm/3/4"	XP8 200A/320W



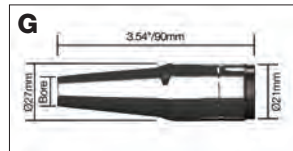
Stock Code	Description	Tip Recess	Bore	Model
D XP3002-13	Tapered Nozzle	3mm/1/8"	13mm/1/2"	XP8 300A-450W
XP3002-16	Conical Nozzle	3mm/1/8"	16mm/5/8"	XP8 300A-450W
XP3002-19	Cylindrical Nozzle	3mm/1/8"	19mm/3/4"	XP8 300A-450W



Stock Code	Description	Tip Recess	Bore	Model
E XP3002-16L	Conical Nozzle	6.5mm/1/4"	16mm/5/8"	XP8 300A-450W
XP3002-19L	Cylindrical Nozzle	6.5mm/1/4"	19mm/3/4"	XP8 300A-450W



Stock Code	Description	Tip Recess	Bore	Model
F XP2002-07T	Long Tapered Nozzle	3mm/1/8"	7mm/9/32"	XP8 200A-300A-320W
XP2002-10T	Long Tapered Nozzle	3mm/1/8"	10mm/3/8"	XP8 200A-300A-320W



Stock Code	Description	Tip Recess	Bore	Model
G XP3002-10T	Long Tapered Nozzle	3mm/1/8"	10mm/3/8"	XP8 300A-450W

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

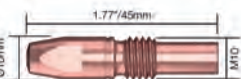
XP8 Contact Tips

A



Stock Code	Description	Wire Size	Material	Model
A XP2003-06	Contact Tip	0.6mm/.023"	CuCrZr	200A/300A/320W
XP2003-08	Contact Tip	0.8mm/.030"	CuCrZr	200A/300A/320W
XP2003-09	Contact Tip	0.9mm/.035"	CuCrZr	200A/300A/320W
XP2003-10	Contact Tip	1.0mm/.040"	CuCrZr	200A/300A/320W
XP2003-12	Contact Tip	1.2mm/.045"	CuCrZr	200A/300A/320W
XP2003-13	Contact Tip	1.3mm/.052"	CuCrZr	200A/300A/320W
XP2003-14	Contact Tip	1.4mm/.055"	CuCrZr	200A/300A/320W
XP2003-10A	Contact Tip Al	1.0mm/.040"	CuCrZr	200A/300A/320W
XP2003-12A	Contact Tip Al	1.2mm/.045"	CuCrZr	200A/300A/320W

B



Stock Code	Description	Wire Size	Material	Model
B XP3003-08	Contact Tip	0.8mm/.030"	CuCrZr	300A-450W
XP3003-09	Contact Tip	0.9mm/.035"	CuCrZr	300A-450W
XP3003-10	Contact Tip	1.0mm/.040"	CuCrZr	300A-450W
XP3003-12	Contact Tip	1.2mm/.045"	CuCrZr	300A-450W
XP3003-13	Contact Tip	1.3mm/.052"	CuCrZr	300A-450W
XP3003-14	Contact Tip	1.4mm/.055"	CuCrZr	300A-450W
XP3003-16	Contact Tip	1.6mm/1/16"	CuCrZr	300A-450W
XP3003-18	Contact Tip	1.8mm/.071"	CuCrZr	300A-450W
XP3003-20	Contact Tip	2.0mm/5/64"	CuCrZr	300A-450W
XP3003-24	Contact Tip	2.4mm/3/32"	CuCrZr	300A-450W
XP3003-10A	Contact Tip Al	1.0mm/.040"	CuCrZr	300A-450W
XP3003-12A	Contact Tip Al	1.2mm/.045"	CuCrZr	300A-450W

C



Stock Code	Description	Wire Size	Material	Model
C XP2003-06T	Tapered Contact Tip	0.6mm/.023"	CuCrZr	200A/300A/320W
XP2003-08T	Tapered Contact Tip	0.8mm/.030"	CuCrZr	200A/300A/320W
XP2003-09T	Tapered Contact Tip	0.9mm/.035"	CuCrZr	200A/300A/320W
XP2003-10T	Tapered Contact Tip	1.0mm/.040"	CuCrZr	200A/300A/320W
XP2003-12T	Tapered Contact Tip	1.2mm/.045"	CuCrZr	200A/300A/320W
XP2003-13T	Tapered Contact Tip	1.3mm/.052"	CuCrZr	200A/300A/320W
XP2003-14T	Tapered Contact Tip	1.4mm/.055"	CuCrZr	200A/300A/320W

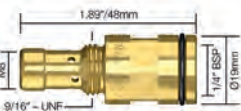
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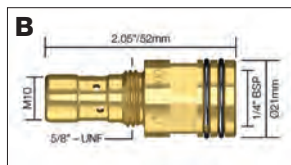
Stock Code	Description	Wire Size	Material	Model
D XP3003-08T	Tapered Contact Tip	0.8mm/.030"	CuCrZr	300A-450W
XP3003-09T	Tapered Contact Tip	0.9mm/.035"	CuCrZr	300A-450W
XP3003-10T	Tapered Contact Tip	1.0mm/.040"	CuCrZr	300A-450W
XP3003-12T	Tapered Contact Tip	1.2mm/.045"	CuCrZr	300A-450W
XP3003-13T	Tapered Contact Tip	1.3mm/.052"	CuCrZr	300A-450W
XP3003-14T	Tapered Contact Tip	1.4mm/.055"	CuCrZr	300A-450W
XP3003-16T	Tapered Contact Tip	1.6mm/1/16"	CuCrZr	300A-450W
XP3003-18T	Tapered Contact Tip	1.8mm/.071"	CuCrZr	300A-450W
XP3003-20T	Tapered Contact Tip	2.0mm/5/64"	CuCrZr	300A-450W
XP3003-24T	Tapered Contact Tip	2.4mm/3/32"	CuCrZr	300A-450W

XP8 Head Assemblies

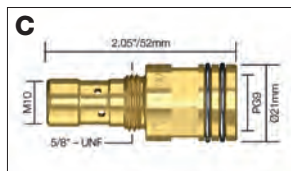
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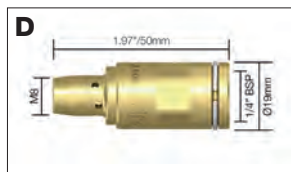
Stock Code	Description	Tip Thread	Model
A XP2005	Head Assembly	M8	XP8 200A/300A/320W



Stock Code	Description	Tip Thread	Model
B XP3005	Head Assembly	M10	XP8 200A/300A/320W



Stock Code	Description	Tip Thread	Model
C XP3505	Head Assembly	M10	XP8 350A/400A/450W

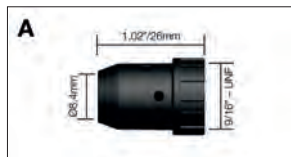


Stock Code	Description	Tip Thread	Model
D XP2005T	Tapered Tip Head Assembly	M8	XP8 2000A/300A/320W

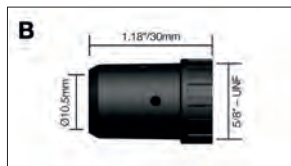


Stock Code	Description	Tip Thread	Model
E XP3505T	Tapered Tip Head Assembly	M10	XP8 350A/400A/450W

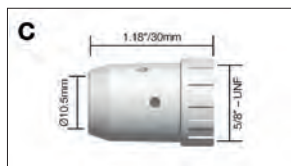
XP8 Diffusers



Stock Code	Description	Head	Model
A XP2004B	Plastic Diffuser	M8	XP8 200A/300A
XP2004C	Ceramic Diffuser	M8	XP8 200A/300A/320W



Stock Code	Description	Head	Model
B XP3004B	Moulded Diffuser With Ceramic Insert	M10	XP8 350A/400A/450W



Stock Code	Description	Head	Model
C XP3004C	Ceramic Diffuser	M10	XP8 350A/400A/450W

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

XP8 Liner Selector Chart

	Stock Code	Description	Length	Wire Size	Application	Model	XP8-200A	XP8-300A	XP8-350A	XP8-400A	XP8-320W	XP8-450W
A	XP2024-09-30	Steel Liner	3m / 10 ft	.023"-.035" / 0.6-0.9mm	Steel Wires		■	■	□	□	□	□
	XP2024-09-40	Steel Liner	4m / 13 ft	.023"-.035" / 0.6-0.9mm	Steel Wires		■	■	□	□	□	□
	XP2024-09-50	Steel Liner	5m / 16 ft	.023"-.035" / 0.6-0.9mm	Steel Wires		■	■	□	□	□	□
A	XP2024-12-30	Steel Liner	3m / 10 ft	040"-.045" / 1.0-1.2mm	Steel Wires		■	■	□	□	□	□
	XP2024-12-40	Steel Liner	4m / 13 ft	040"-.045" / 1.0-1.2mm	Steel Wires		■	■	□	□	□	□
	XP2024-12-50	Steel Liner	5m / 16 ft	040"-.045" / 1.0-1.2mm	Steel Wires		■	■	□	□	□	□
A	XP2024-16-30	Steel Liner	3m / 10 ft	.045"-.063" / 1.2-1.6mm	Steel Wires		□	□	□	□	■	□
	XP2024-16-40	Steel Liner	4m / 13 ft	.045"-.063" / 1.2-1.6mm	Steel Wires		□	□	□	□	■	□
	XP2024-16-50	Steel Liner	5m / 16 ft	.045"-.063" / 1.2-1.6mm	Steel Wires		□	□	□	□	■	□
B	XP2024PC-12-30	Polyamide-Copper Liner	3m / 10 ft	.030"-.045" / 0.8-1.2mm	Soft Wires		■	■	■	□	■	■
	XP2024PC-12-40	Polyamide-Copper Liner	4m / 13 ft	.030"-.045" / 0.8-1.2mm	Soft Wires		■	■	■	□	■	■
	XP2024PC-12-50	Polyamide-Copper Liner	5m / 16 ft	.030"-.045" / 0.8-1.2mm	Soft Wires		■	■	■	□	■	■
B	XP2024PS-12-30	Polyamide-Steel Liner	3m / 10 ft	.030"-.045" / 0.8-1.2mm	Hard Wires		■	■	■	□	■	■
	XP2024PS-12-40	Polyamide-Steel Liner	4m / 13 ft	.030"-.045" / 0.8-1.2mm	Hard Wires		■	■	■	□	■	■
	XP2024PS-12-50	Polyamide-Steel Liner	5m / 16 ft	.030"-.045" / 0.8-1.2mm	Hard Wires		■	■	■	□	■	■
A	XP3524-12-30	Steel Liner	3m / 10 ft	040"-.045" / 1.0-1.2mm	Steel Wires				■	■	□	■
	XP3524-12-40	Steel Liner	4m / 13 ft	040"-.045" / 1.0-1.2mm	Steel Wires				■	■	□	■
	XP3524-12-50	Steel Liner	5m / 16 ft	040"-.045" / 1.0-1.2mm	Steel Wires				■	■	□	■
A	XP3524-16-30	Steel Liner	3m / 10 ft	.045"-.063" / 1.2-1.6mm	Steel Wires				■	■	□	■
	XP3524-16-40	Steel Liner	4m / 13 ft	.045"-.063" / 1.2-1.6mm	Steel Wires				■	■	□	■
	XP3524-16-50	Steel Liner	5m / 16 ft	.045"-.063" / 1.2-1.6mm	Steel Wires				■	■	□	■
B	XP3524PC-16-30	Polyamide-Copper Liner	3m / 10 ft	.045"-.063" / 1.2-1.6mm	Soft Wires		■	□	■	■	■	■
	XP3524PC-16-40	Polyamide-Copper Liner	4m / 13 ft	.045"-.063" / 1.2-1.6mm	Soft Wires		■	□	■	■	■	■
	XP3524PC-16-50	Polyamide-Copper Liner	5m / 16 ft	.045"-.063" / 1.2-1.6mm	Soft Wires		■	□	■	■	■	■
B	XP3524PS-16-30	Polyamide-Steel Liner	3m / 10 ft	.045"-.063" / 1.2-1.6mm	Hard Wires		■	□	■	■	■	■
	XP3524PS-16-40	Polyamide-Steel Liner	4m / 13 ft	.045"-.063" / 1.2-1.6mm	Hard Wires		■	□	■	■	■	■
	XP3524PS-16-50	Polyamide-Steel Liner	5m / 16 ft	.045"-.063" / 1.2-1.6mm	Hard Wires		■	□	■	■	■	■
A	XP4024-24-30	Steel Liner	3m / 10 ft	.080"-.095" / 2.0-2.4mm	Steel Wires			□	■	■	□	■
	XP4024-24-40	Steel Liner	4m / 13 ft	.080"-.095" / 2.0-2.4mm	Steel Wires			□	■	■	□	■
	XP4024-24-50	Steel Liner	5m / 16 ft	.080"-.095" / 2.0-2.4mm	Steel Wires			□	■	■	□	■
B	XP4024PC-20-30	Polyamide-Copper Liner	3m / 10 ft	.063/.080" / 1.6-2.0mm	Soft Wires			□	■	■	□	■
	XP4024PC-20-40	Polyamide-Copper Liner	4m / 13 ft	.063/.080" / 1.6-2.0mm	Soft Wires			□	■	■	□	■
	XP4024PC-20-50	Polyamide-Copper Liner	5m / 16 ft	.063/.080" / 1.6-2.0mm	Soft Wires			□	■	■	□	■
B	XP4024PS-20-30	Polyamide-Steel Liner	3m / 10 ft	.063/.080" / 1.6-2.0mm	Hard Wires			□	■	■	□	■
	XP4024PS-20-40	Polyamide-Steel Liner	4m / 13 ft	.063/.080" / 1.6-2.0mm	Hard Wires			□	■	■	□	■
	XP4024PS-20-50	Polyamide-Steel Liner	5m / 16 ft	.063/.080" / 1.6-2.0mm	Hard Wires			□	■	■	□	■

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

Colour Code

0.6-0.9mm Wire ■ Blue 1.2-1.6mm Wire ■ Yellow
1.0-1.2mm Wire ■ Red 2.0-2.4mm Wire ■ Green



WELD ONE TONNE OF WIRE WITH ONE CONTACT TIP

parweld
WELDING THE FUTURE

With arguably the world's most productive welding torch.



The Parweld XP8 Generation 2 Mig Torch is **guaranteed to reduce your tip consumption by 70%.**

Every part of the XP8 has been **meticulously designed**. Extra length contact tips are manufactured from high grade chrome zirconium copper alloy **ensuring trouble free current transfer between the tip and the electrode**. Dual contact points ensure the current transfer is maximised between the tip and the tip adaptor whilst the lower 30% of the tip is forced cooled by the gas stream.

Tests have proven that you can **weld one tonne of wire with just one contact tip**.

With our patented gas flow technology, extended consumable life expectancy and a significant increase in duty cycle you can see why the XP8 G2 is in our words **"The World's Most Productive Welding Torch"**.

For a free demonstration contact us on 01299 266800
or email xp8@parweld.co.uk.

Try it and prove us wrong!

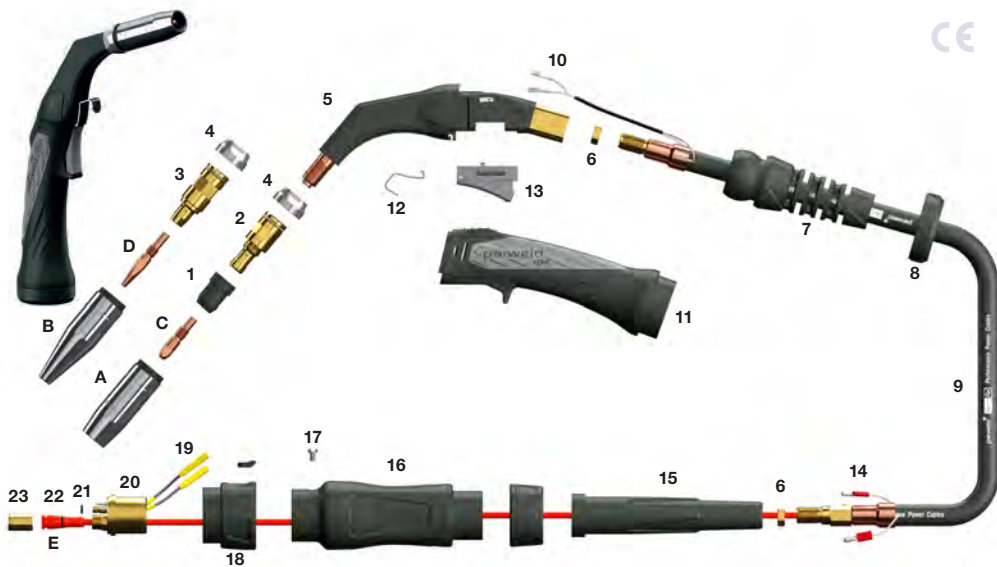
XP8
when productivity counts

xp8@parweld.co.uk
www.parweld.co.uk/XP8

XP8 200A

Air Cooled MIG Welding Torch

200A, 6kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .023"-.045"/0.6mm to 1.2mm Wires



Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-200A	200	6.0	200	6.0	260	7.8

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Model

Stock Code	Description
XP200A-30E	Welding Torch Package c/w Euro Fitting x 3m
XP200A-40E	Welding Torch Package c/w Euro Fitting x 4m
XP200A-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP2002-10	Tapered Nozzle 3/8"/10mm
XP2002-13	Tapered Nozzle 1/2"/13mm
XP2002-16*	Conical Nozzle 5/8"/16mm
XP2002-16L	Conical Nozzle 5/8"/16mm Extended
XP2002-19	Cylindrical Nozzle 3/4"/19mm
XP2002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP2002-07T	Long Tapered Nozzle 3mm/1/8" 7mm/9/32"
XP2002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
C XP2003-06	Contact Tip .023"/0.6mm M8 CuCrZr
XP2003-08	Contact Tip .030"/0.8mm M8 CuCrZr
XP2003-09	Contact Tip .035"/0.9mm M8 CuCrZr
XP2003-10*	Contact Tip .040"/1.0mm M8 CuCrZr
XP2003-10A	Contact Tip .040"/1.0mm M8 CuCrZr Al
XP2003-12	Contact Tip .045"/1.2mm M8 CuCrZr
XP2003-12A	Contact Tip .045"/1.2mm M8 CuCrZr Al
D XP2003-06T	Tapered Contact Tip 0.6mm/.023" CuCrZr
XP2003-08T	Tapered Contact Tip 0.8mm/.030" CuCrZr
XP2003-09T	Tapered Contact Tip 0.9mm/.035" CuCrZr
XP2003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP2003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr

Liners

Stock Code	Description
E XP2024-09-30	Steel Liner .023-.035"/0.6-0.9mm x 3m/10ft
XP2024-09-40	Steel Liner .023-.035"/0.6-0.9mm x 4m/13ft
XP2024-09-50	Steel Liner .023-.035"/0.6-0.9mm x 5m/16ft
XP2024-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP2024-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP2024-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP2024PS-12-30	Poly-Steel Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PS-12-40	Poly-Steel Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PS-12-50	Poly-Steel Liner .030-.045"/0.8-1.2mm x 5m/16ft

Components

* Denotes Standard Build

Stock Code	Description
1 XP2004B*	Diffuser-Plastic-M8 Head
NI XP2004C	Diffuser-Ceramic-M8 Head
2 XP2005*	Head Assembly-M8 Tips
3 XP2005T	Head Assembly-M8 Tapered Tips
NI XP2006B	Heat Shield-Moulded-M8 Head
4 XP2006A*	Aluminium Heat Shield-M8 Head
5 XP2001	Swan Neck
6 XP2016	Lock Nut M12
7 XP2088	Cable Support
8 XP3009	Handle Lock Nut
9 XP2010-30	Hyperflex™ Cable Assembly x 3m/10ft
XP2010-40	Hyperflex™ Cable Assembly x 4m/13ft
XP2010-50	Hyperflex™ Cable Assembly x 5m/16ft
10 XP2011	Cable Terminal Female
11 XP2112	Handle Kit c/w Lock Nut and Support
12 XP2013	Hanger Hook
13 XP2014	Trigger Assembly
14 XP2015	Cable Terminal Male
15 XP2017	Cable Support
16 XP2018	Air Cooled Gun Plug Housing c/w Nut
17 XP2019	Gun Plug Screw
18 XP2020	Gun Plug Nut
19 Spring Pin 2	Spring Pin Assembly
20 XP2022	Gun Plug Body c/w Spring Pins
21 XP2023	Euro Body 'O' Ring
22 XP2025	Liner Nipple 'O' Rings
23 XP2026	Liner Retaining Nut

Parweld XP8 Torches enable you to repair the Neck End of the Power Cable, please use Stock Code: XP2042: 200A Power Cable Repair Kit

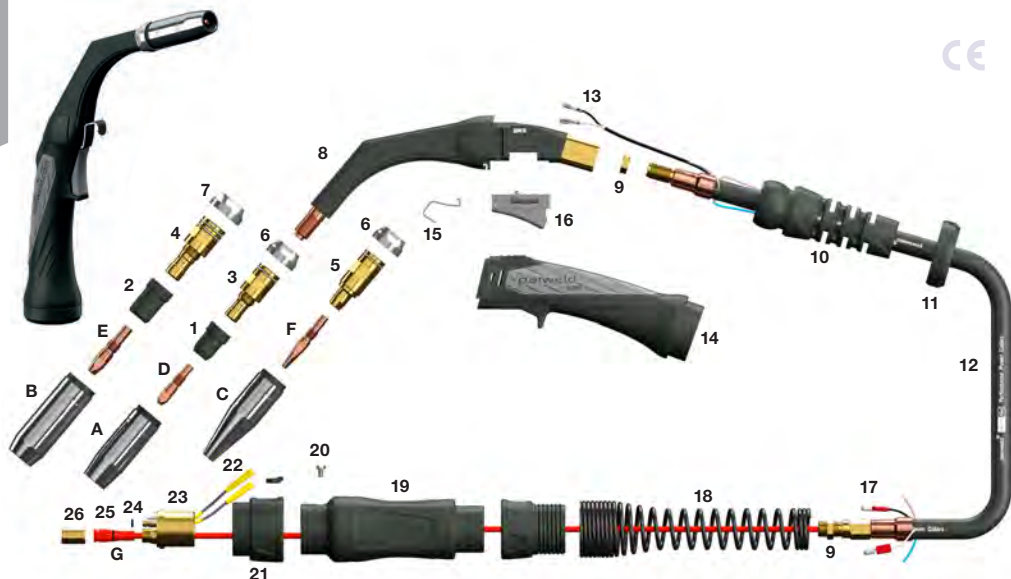
Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

XP8 300A

Air Cooled MIG Welding Torch

300A, 8.7kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Selecting the correct XP8 Torch

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Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-300A	300	8.7	280	8.4	375	11.7

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Models

Stock Code	Description
XP300A-30E	Welding Torch Package c/w Euro Fitting x 3m
XP300A-40E	Welding Torch Package c/w Euro Fitting x 4m
XP300A-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP2002-10	Tapered Nozzle 3/8"/10mm
XP2002-13	Tapered Nozzle 1/2"/13mm
XP2002-16*	Conical Nozzle 5/8"/16mm
XP2002-16L	Conical Nozzle 5/8"/16mm Extended
XP2002-19	Cylindrical Nozzle 3/4"/19mm
XP2002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended
C XP2002-07T	Long Tapered Nozzle 3mm/1/8" 7mm/9/32"
XP2002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
D XP2003-08	Contact Tip .030"/0.8mm M8 CuCrZr
XP2003-09	Contact Tip .035"/0.9mm M8 CuCrZr
XP2003-10	Contact Tip .040"/1.0mm M8 CuCrZr
XP2003-10A	Contact Tip .040"/1.0mm M8 CuCrZr Al
XP2003-12*	Contact Tip .045"/1.2mm M8 CuCrZr
XP2003-12A	Contact Tip .045"/1.2mm M8 CuCrZr Al
E XP3003-08	Contact Tip .030"/0.8mm M10 CuCrZr
XP3003-09	Contact Tip .035"/0.9mm M10 CuCrZr
XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
F XP2003-06T	Tapered Contact Tip 0.6mm/.023" CuCrZr
XP2003-08T	Tapered Contact Tip 0.8mm/.030" CuCrZr
XP2003-09T	Tapered Contact Tip 0.9mm/.035" CuCrZr
XP2003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP2003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr

Liners

* Denotes Standard Build

Stock Code	Description
G XP2024-09-30	Steel Liner .023-.035"/0.6-0.9mm x 3m/10ft
XP2024-09-40	Steel Liner .023-.035"/0.6-0.9mm x 4m/13ft
XP2024-09-50	Steel Liner .023-.035"/0.6-0.9mm x 5m/16ft
XP2024-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP2024-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP2024-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP2024PS-12-30	Poly-Steel Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PS-12-40	Poly-Steel Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PS-12-50	Poly-Steel Liner .030-.045"/0.8-1.2mm x 5m/16ft

Components

Stock Code	Description
1 XP2004B*	Diffuser-Plastic-M8 Head
NI XP2004C	Diffuser-Ceramic-M8 Head
2 XP3004B	Diffuser-Moulded c/w Ceramic Insert-M10 Head
NI XP3004C	Diffuser-Ceramic-M10 Head
3 XP2005*	Head Assembly-M8 Tips
4 XP3005	Head Assembly-M10 Tips
5 XP2005T	Head Assembly-M8 Tapered Tips
6 XP2006A*	Aluminium Heat Shield-M8 Head
NI XP2006B	Heat Shield-Moulded-M8 Head
7 XP3006A	Aluminium Heat Shield-M10 Head
NI XP3006B	Heat Shield-Moulded-M10 Head
8 XP3001	Swan Neck
9 XP2016	Lock Nut M12
10 XP3088	Cable Support
11 XP3009	Handle Lock Nut
12 XP3010-30	Hyperflex™ Cable Assembly x 3m/10ft
XP3010-40	Hyperflex™ Cable Assembly x 4m/13ft
XP3010-50	Hyperflex™ Cable Assembly x 5m/16ft
13 XP2011	Cable Terminal Female
14 XP2112	Handle Kit c/w Lock Nut and Support
15 XP2013	Hanger Hook
16 XP2014	Trigger Assembly
17 XP2015	Cable Terminal Male
18 XP3017	Cable Support
19 XP2018	Air Cooled Gun Plug Housing c/w Nut
20 XP2019	Gun Plug Screw
21 XP2020	Gun Plug Nut
22 Spring Pin 2	Spring Pin Assembly
23 XP2022	Gun Plug Body c/w Spring Pins
24 XP2023	Euro Body 'O' Ring
25 XP2025	Liner Nipple 'O' Rings
26 XP2026	Liner Retaining Nut

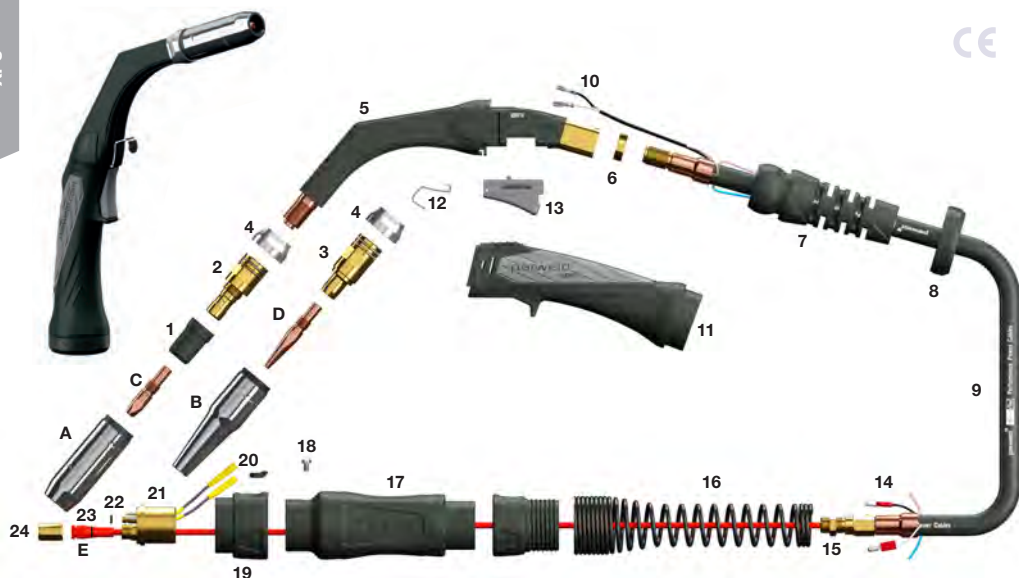
Parweld XP8 Torches enable you to repair the Neck End of the Power Cable, please use Stock Code: XP3042: 300A Power Cable Repair Kit

XP8 350A

Air Cooled MIG Welding Torch

350A, 10.5kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires

XP8



Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-350A	350	10.5	300	9.0	425	14.9

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Models

Stock Code	Description
XP350A-30E	Welding Torch Package c/w Euro Fitting x 3m
XP350A-40E	Welding Torch Package c/w Euro Fitting x 4m
XP350A-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16*	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP3002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
C XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr
D XP3003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP3003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr
XP3003-13T	Tapered Contact Tip 1.3mm/.052" CuCrZr
XP3003-14T	Tapered Contact Tip 1.4mm/.055" CuCrZr
XP3003-16T	Tapered Contact Tip 1.6mm/1/16" CuCrZr

Liners

Stock Code	Description
E XP3524-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP3524-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP3524-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
XP3524-16-30	Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524-16-40	Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524-16-50	Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PC-16-30	Poly-Copper Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PC-16-40	Poly-Copper Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PC-16-50	Poly-Copper Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP2024PS-12-30	Poly-Steel Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PS-12-40	Poly-Steel Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PS-12-50	Poly-Steel Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PS-16-30	Poly-Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PS-16-40	Poly-Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PS-16-50	Poly-Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft

Components

* Denotes Standard Build

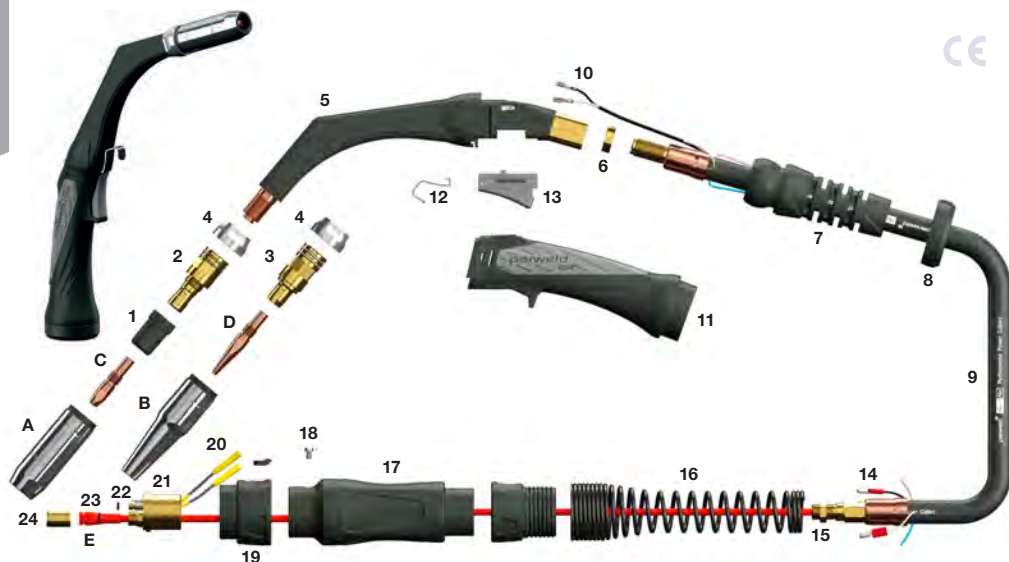
Stock Code	Description
1 XP3004B*	Diffuser-Moulded c/w Ceramic Insert-M10 Head
NI XP3004C	Diffuser-Ceramic-M10 Head
2 XP3505*	Head Assembly-M10 Tips
3 XP3505T	Head Assembly-M10 Tapered Tips
4 XP3506A*	Aluminium Heat Shield-M10 Head
NI XP3506B	Heat Shield-Moulded-M10 Head
5 XP3501	Swan Neck
6 XP3507	Lock Nut M14
7 XP3088	Cable Support
8 XP3009	Handle Lock Nut
9 XP3510-30	Hyperflex™ Cable Assembly x 3m/10ft
XP3510-40	Hyperflex™ Cable Assembly x 4m/13ft
XP3510-50	Hyperflex™ Cable Assembly x 5m/16ft
10 XP2011	Cable Terminal Female
11 XP2112	Handle Kit c/w Lock Nut and Support
12 XP2013	Hanger Hook
13 XP2014	Trigger Assembly
14 XP2015	Cable Terminal Male
15 XP2016	Lock Nut M12
16 XP3017	Cable Support
17 XP2018	Air Cooled Gun Plug Housing c/w Nut
18 XP2019	Gun Plug Screw
19 XP2020	Gun Plug Nut
20 Spring Pin 2	Spring Pin Assembly
21 XP2022	Gun Plug Body c/w Spring Pins
22 XP2023	Euro Body 'O' Ring
23 XP2025	Liner Nipple 'O' Rings
24 XP2026	Liner Retaining Nut

Parweld XP8 Torches enable you to repair the Neck End of the Power Cable, please use Stock Code: XP3542: 350A Power Cable Repair Kit

XP8 400A

Air Cooled MIG Welding Torch

400A, 12kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .045"-3/32"/1.2mm to 2.4mm Wires



Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-400A	400	12.0	300	9.0	480	17.2

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Models

Stock Code	Description
XP400A-30E	Welding Torch Package c/w Euro Fitting x 3m
XP400A-40E	Welding Torch Package c/w Euro Fitting x 4m
XP400A-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16*	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP3002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
C XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr
XP3003-18	Contact Tip .071"/1.8mm M10 CuCrZr
XP3003-20	Contact Tip 5/64"/2.0mm M10 CuCrZr
XP3003-24	Contact Tip 3/32"/2.4mm M10 CuCrZr
D XP3003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP3003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr
XP3003-13T	Tapered Contact Tip 1.3mm/.052" CuCrZr
XP3003-14T	Tapered Contact Tip 1.4mm/.055" CuCrZr
XP3003-16T	Tapered Contact Tip 1.6mm/1/16" CuCrZr
XP3003-18T	Tapered Contact Tip 1.8mm/.071" CuCrZr
XP3003-20T	Tapered Contact Tip 2.0mm/5/64" CuCrZr
XP3003-24T	Tapered Contact Tip 2.4mm/3/32" CuCrZr

Liners

* Denotes Standard Build

Stock Code	Description
E XP3524-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP3524-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP3524-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
XP3524-16-30	Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524-16-40	Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524-16-50	Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP4024-24-30	Steel Liner .080-.095"/2.0-2.4mm x 3m/10ft
XP4024-24-40	Steel Liner .080-.095"/2.0-2.4mm x 4m/13ft
XP4024-24-50	Steel Liner .080-.095"/2.0-2.4mm x 5m/16ft
NI XP3524PC-16-30	Poly-Copper Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PC-16-40	Poly-Copper Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PC-16-50	Poly-Copper Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP4024PC-20-30	Poly-Copper Liner .063-.080"/1.6-2.0mm x 3m/10ft
XP4024PC-20-40	Poly-Copper Liner .063-.080"/1.6-2.0mm x 4m/13ft
XP4024PC-20-50	Poly-Copper Liner .063-.080"/1.6-2.0mm x 5m/16ft
XP3524PS-16-30	Poly-Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PS-16-40	Poly-Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PS-16-50	Poly-Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP4024PS-20-30	Poly-Steel Liner .063-.080"/1.6-2.0mm x 3m/10ft
XP4024PS-20-40	Poly-Steel Liner .063-.080"/1.6-2.0mm x 4m/13ft
XP4024PS-20-50	Poly-Steel Liner .063-.080"/1.6-2.0mm x 5m/16ft

Components

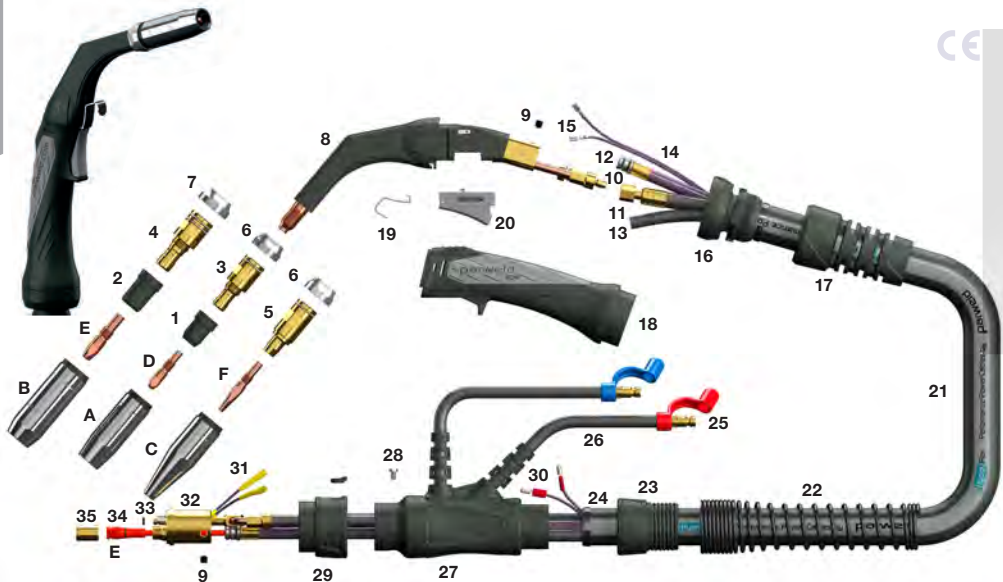
Stock Code	Description
1 XP3004B*	Diffuser-Moulded c/w Ceramic Insert-M10 Head
NI XP3004C	Diffuser-Ceramic-M10 Head
2 XP3505*	Head Assembly-M10 Tips
XP3505T	Head Assembly-M10 Tapered Tips
4 XP3506A*	Aluminium Heat Shield-M10 Head
NI XP3506B	Heat Shield-Moulded-M10 Head
5 XP4001	Swan Neck
6 XP3507	Lock Nut M14
7 XP3088	Cable Support
8 XP3009	Handle Lock Nut
9 XP4010-30	Hyperflex™ Cable Assembly x 3m/10ft
XP4010-40	Hyperflex™ Cable Assembly x 4m/13ft
XP4010-50	Hyperflex™ Cable Assembly x 5m/16ft
10 XP2011	Cable Terminal Female
11 XP2112	Handle Kit c/w Lock Nut and Support
12 XP2013	Hanger Hook
13 XP2014	Trigger Assembly
14 XP2015	Cable Terminal Male
15 XP2016	Lock Nut M12
16 XP3088	Cable Support
17 XP2018	Air Cooled Gun Plug Housing c/w Nut
18 XP2019	Gun Plug Screw
19 XP2020	Gun Plug Nut
20 Spring Pin 2	Spring Pin Assembly
21 XP2022	Gun Plug Body c/w Spring Pins
22 XP2023	Euro Body 'O' Ring
23 XP2025	Liner Nipple 'O' Rings
24 XP2026	Liner Retaining Nut

Parweld XP8 Torches enable you to repair the Neck End of the Power Cable, please use Stock Code: XP4042: 400A Power Cable Repair Kit

XP8 320W

Water Cooled MIG Welding Torch

320A, 9.6kW, Mixed Gas (80/20) @ 100% Duty Cycle, EN60974-7 .030"-1/16"/0.8mm to 1.6mm Wires



Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-320W	320	9.6	320	9.6	320	9.6

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Models

Stock Code	Description
XP320W-30E	Welding Torch Package c/w Euro Fitting x 3m
XP320W-40E	Welding Torch Package c/w Euro Fitting x 4m
XP320W-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP2002-10	Tapered Nozzle 3/8"/10mm
XP2002-13	Tapered Nozzle 1/2"/13mm
XP2002-16*	Conical Nozzle 5/8"/16mm
XP2002-16L	Conical Nozzle 5/8"/16mm Extended
XP2002-19	Cylindrical Nozzle 3/4"/19mm
XP2002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended
C XP2002-07T	Long Tapered Nozzle 3mm/1/8" 7mm/9/32"
XP2002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
D XP2003-08	Contact Tip .030"/0.8mm M8 CuCrZr
XP2003-09	Contact Tip .035"/0.9mm M8 CuCrZr
XP2003-10*	Contact Tip .040"/1.0mm M8 CuCrZr
XP2003-10A	Contact Tip .040"/1.0mm M8 CuCrZr Al
XP2003-12	Contact Tip .045"/1.2mm M8 CuCrZr
XP2003-12A	Contact Tip .045"/1.2mm M8 CuCrZr Al
XP2003-13	Contact Tip .052"/1.3mm M8 CuCrZr
E XP3003-08	Contact Tip .030"/0.8mm M10 CuCrZr
XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr
F XP2003-06T	Tapered Contact Tip 0.6mm/.023" CuCrZr
XP2003-08T	Tapered Contact Tip 0.8mm/.030" CuCrZr
XP2003-09T	Tapered Contact Tip 0.9mm/.035" CuCrZr
XP2003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP2003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr
XP2003-13T	Tapered Contact Tip 1.3mm/.052" CuCrZr
XP2003-14T	Tapered Contact Tip 1.4mm/.055" CuCrZr

Liners

Stock Code	Description
G XP2024-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP2024-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP2024-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
XP3524-16-30	Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524-16-40	Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524-16-50	Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft

Stock Code Description

NI XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP2024PS-12-30	Poly-Steel Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PS-12-40	Poly-Steel Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PS-12-50	Poly-Steel Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PS-16-30	Poly-Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PS-16-40	Poly-Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PS-16-50	Poly-Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft

Components

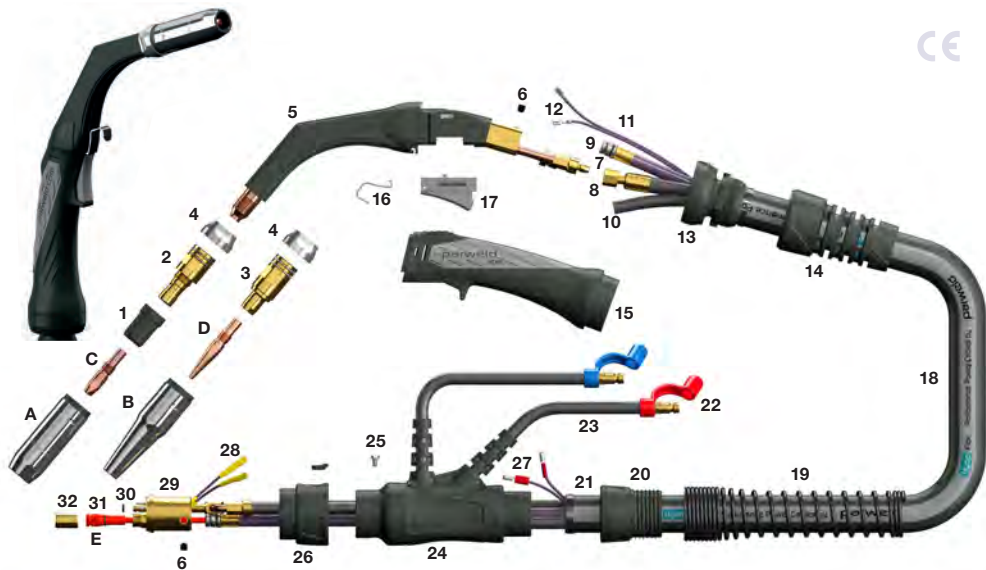
* Denotes Standard Build

Stock Code	Description
1 XP2004B*	Diffuser-Plastic-M8 Head
NI XP2004C	Diffuser-Ceramic-M8 Head
2 XP3004B	Diffuser-Moulded c/w Ceramic Insert-M10 Head
NI XP3004C	Diffuser-Ceramic-M10 Head
3 XP2005*	Head Assembly-M8 Tips
4 XP3005	Head Assembly-M10 Tips
5 XP2005T	Head Assembly-M8 Tapered Tips
6 XP2006A*	Aluminium Heat Shield-M8 Head
NI XP2006B	Heat Shield-Moulded-M8 Head
7 XP3006A	Aluminium Heat Shield-M10 Head
NI XP3006B	Heat Shield-Moulded-M10 Head
8 XP3201	Swan Neck
9 XP3228	Grub Screw-M6
10 XP3229	O' Ring Pack
11 XP3230-30	Power Cable Assembly x 3m/10ft
XP3230-40	Power Cable Assembly x 4m/13ft
XP3230-50	Power Cable Assembly x 5m/16ft
12 XP3231-30	Liner Conduit Assembly x 3m/10ft
XP3231-40	Liner Conduit Assembly x 4m/13ft
XP3231-50	Liner Conduit Assembly x 5m/16ft
13 XP3232-30	Water Hose Assembly x 3m/10ft
XP3232-40	Water Hose Assembly x 4m/13ft
XP3232-50	Water Hose Assembly x 5m/16ft
14 XP3233-30	Switch Lead Assembly x 3m/10ft
XP3233-40	Switch Lead Assembly x 4m/13ft
XP3233-50	Switch Lead Assembly x 5m/16ft
15 XP2011	Cable Terminal Female
16 XP3224	Ball Joint Assembly
17 XP3288	Cable Support
18 XP3112	Handle Kit c/w Ball Joint and Support
19 XP2013	Hanger Hook
20 XP2014	Trigger Assembly
21 XP3235-30	Canvas Cover Assembly x 3m/10ft
XP3235-40	Canvas Cover Assembly x 4m/13ft
XP3235-50	Canvas Cover Assembly x 5m/16ft
22 XP3018	Cable Support
23 XP3027	Cable Support Nut
24 XP3236	Canvas Cover Clamp and Retainer
25 XP3237	Water Hose Nipple
26 XP3238	Water Outlet Hose Assembly
27 XP3240	Water Cooled Housing c/w Supports
28 XP2019	Gun Plug Screw
29 XP2020	Gun Plug Nut
30 XP2015	Cable Terminal Male
31 Spring Pin 2	Spring Pin Assembly
32 XP3241	Gun Plug Body c/w Spring Pins
33 XP2023	Gun Plug Body 'O' Ring
34 XP2025	Liner Nipple 'O' Rings
35 XP2026	Liner Retaining Nut

XP8 450W

Water Cooled MIG Welding Torch

450A, 15.8kW, Mixed Gas (80/20) @ 100% Duty Cycle, EN60974-7 .040"-3/32"/1.0mm to 2.4mm Wires



Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-450W	450	15.8	450	15.8	450	15.8

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Models

Stock Code	Description
XP450W-30E	Welding Torch Package c/w Euro Fitting x 3m
XP450W-40E	Welding Torch Package c/w Euro Fitting x 4m
XP450W-50E	Welding Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16*	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended
B XP3002-10T	Long Tapered Nozzle 3mm/1/8" 10mm/3/8"

Contact Tips

Stock Code	Description
C XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr
XP3003-20	Contact Tip 5/64"/2.0mm M10 CuCrZr
XP3003-24	Contact Tip 3/32"/2.4mm M10 CuCrZr
D XP3003-10T	Tapered Contact Tip 1.0mm/.040" CuCrZr
XP3003-12T	Tapered Contact Tip 1.2mm/.045" CuCrZr
XP3003-13T	Tapered Contact Tip 1.3mm/.052" CuCrZr
XP3003-14T	Tapered Contact Tip 1.4mm/.055" CuCrZr
XP3003-16T	Tapered Contact Tip 1.6mm/1/16" CuCrZr
XP3003-18T	Tapered Contact Tip 1.8mm/.071" CuCrZr
XP3003-20T	Tapered Contact Tip 2.0mm/5/64" CuCrZr
XP3003-24T	Tapered Contact Tip 2.4mm/3/32" CuCrZr

Liners

Stock Code	Description
E XP3524-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP3524-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP3524-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
XP3524-16-30	Steel Liner .063"/1.6mm x 3m/10ft
XP3524-16-40	Steel Liner .063"/1.6mm x 4m/13ft
XP3524-16-50	Steel Liner .063"/1.6mm x 5m/16ft
XP4024-24-30	Steel Liner .080-.095"/2.0-2.4mm x 3m/10ft
XP4024-24-40	Steel Liner .080-.095"/2.0-2.4mm x 4m/13ft
XP4024-24-50	Steel Liner .080-.095"/2.0-2.4mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PC-16-30	Poly-Copper Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PC-16-40	Poly-Copper Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PC-16-50	Poly-Copper Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP4024PC-20-30	Poly-Copper Liner .063-.080"/1.6-2.0mm x 3m/10ft
XP4024PC-20-40	Poly-Copper Liner .063-.080"/1.6-2.0mm x 4m/13ft

Stock Code Description

NI XP4024PC-20-50	Poly-Copper Liner .063-.080"/1.6-2.0mm x 5m/16ft
XP3524PS-16-30	Poly-Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PS-16-40	Poly-Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PS-16-50	Poly-Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP4024PS-20-30	Poly-Steel Liner .063-.080"/1.6-2.0mm x 3m/10ft
XP4024PS-20-40	Poly-Steel Liner .063-.080"/1.6-2.0mm x 4m/13ft
XP4024PS-20-50	Poly-Steel Liner .063-.080"/1.6-2.0mm x 5m/16ft

Components

* Denotes Standard Build

Stock Code	Description
1 XP3004B*	Diffuser Moulded-M10 Head
NI XP3004C	Diffuser Ceramic-M10 Head
2 XP3505*	Head Assembly-M10 Tips
3 XP3505T	Head Assembly-M10 Tapered Tips
4 XP3506A*	Aluminium Heat Shield-M10 Head
NI XP3506B	Heat Shield-Moulded-M10 Head
5 XP4501	Swan Neck
6 XP3228	Grub Screw-M6
7 XP3229	O' Ring Pack
8 XP3230-30	Power Cable Assembly x 3m/10ft
XP3230-40	Power Cable Assembly x 4m/13ft
XP3230-50	Power Cable Assembly x 5m/16ft
9 XP3231-30	Liner Conduit Assembly x 3m/10ft
XP3231-40	Liner Conduit Assembly x 4m/13ft
XP3231-50	Liner Conduit Assembly x 5m/16ft
10 XP3232-30	Water Hose Assembly x 3m/10ft
XP3232-40	Water Hose Assembly x 4m/13ft
XP3232-50	Water Hose Assembly x 5m/16ft
11 XP3233-30	Switch Lead Assembly x 3m/10ft
XP3233-40	Switch Lead Assembly x 4m/13ft
XP3233-50	Switch Lead Assembly x 5m/16ft
12 XP2011	Cable Terminal Female
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14 XP3288	Cable Support
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16 XP2013	Hanger Hook
17 XP2014	Trigger Assembly
18 XP3235-30	Canvas Cover Assembly x 3m/10ft
XP3235-40	Canvas Cover Assembly x 4m/13ft
XP3235-50	Canvas Cover Assembly x 5m/16ft
19 XP3018	Cable Support
20 XP3027	Cable Support Nut
21 XP3236	Canvas Cover Clamp and Retainer
22 XP3237	Water Hose Nipple
23 XP3238	Water Outlet Hose Assembly
24 XP3240	Water Cooled Housing c/w Supports
25 XP2019	Gun Plug Screw
26 XP2020	Gun Plug Nut
27 XP2015	Cable Terminal Male
28 Spring Pin 2	Spring Pin Assembly
29 XP3241	Gun Plug Body c/w Spring Pins
30 XP2023	Gun Plug Body 'O' Ring
31 XP2025	Liner Nipple 'O' Rings
32 XP2026	Liner Retaining Nut

BZL Pro-Grip Max® Features and Benefits

Swan Necks

- High temperature resistant insulation materials reducing the risk of shorting
- Durable and Robust

Contact Tips

- Manufactured using a harder and higher conductivity copper alloy than the OEM

Nozzles

Maximises Performance

- Maximum wall thickness gives longevity and superior performance
- Manufactured to the same specifications as the OEM

Pro-Grip Max® Handle System Ergonomically Superior

- Integrated soft grips ensure the handle remains in place with minimal grip pressure
- Enhances wire feeding performance
- Screwless design for rapid servicing

Hanger Hooks Easy to store

- Less prone to damage
- Encourages an efficient and tidy workspace

Knuckle Joint Improved Manoeuvrability

- Small movements of the handle and neck are possible independently of the cable assembly

Cable Supports Improved Wire Feed

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Hydroflex™ Cable Systems

- Liquid cooled cable systems use high temperature resistant rubber cables which ensure leak free terminations

Hyperflex™ Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

- Spring loaded pins
- Guaranteed gas seals

Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All our components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



BZL Eco-Grip Max® Features and Benefits

Swan

- High temperature resistant insulation materials reducing the risk of shorting
- Durable and Robust

Contact Tips

- Manufactured using a hard and high conductivity copper alloy

Nozzles

Maximises Performance

- Gives longevity and superior performance

Eco-Grip Max® Handle System Maximises user comfort

- Designed for balance, lightness and strength
- Enhances wire feeding performance
- Screwless design for rapid servicing

Cable Supports Improved Wire Feed

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Knuckle Joint Improved Manoeuvrability

- Small movements of the handle and neck are possible independently of the cable assembly

Hydroflex™ Cable Systems

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Machine End Systems

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- Simple snap fits

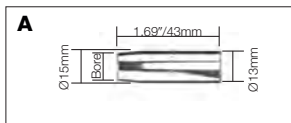
Gun Plug Bodies

- Spring loaded pins
- Guaranteed gas seals

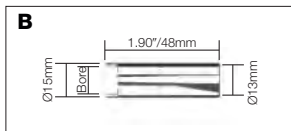
Quality Standards

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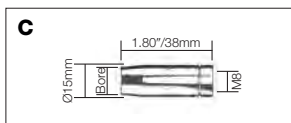
BZL Nozzles



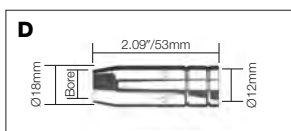
Stock Code	Description	Bore Size	Model
A B1430-P	Conical	11mm/7/16"	SB120A



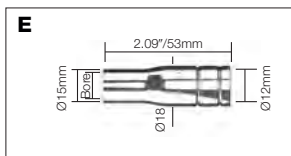
Stock Code	Description	Bore Size	Model
B B1430-S	Spot Push On	13mm/1/2"	SB120A



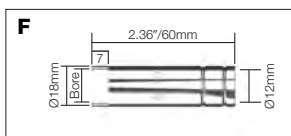
Stock Code	Description	Bore Size	Model
C B1430	Conical Screw	11mm/7/16"	SB120A
B1430L	Conical Long	11mm/7/16"	SB120A



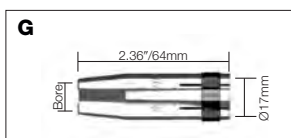
Stock Code	Description	Bore Size	Model
D B1529	Cylindrical	16mm/5/8"	SB140A, SB150A
B1530	Conical	12mm/15/32"	SB140A, SB150A
ECO1530	Everyday Conical	12mm/15/32"	ECR150A
B1531	Tapered	11mm/7/16"	SB140A, SB150A



Stock Code	Description	Bore Size	Model
E B1532	Bottle	13mm/1/2"	SB140A, SB150A



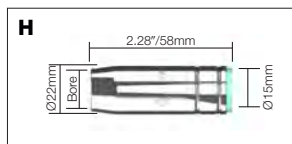
Stock Code	Description	Bore Size	Model
F B1533	Spot	16mm/5/8"	SB140A, SB150A



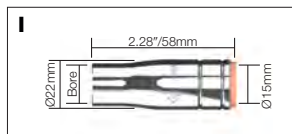
Stock Code	Description	Bore Size	Model
G B2415	Cylindrical	17mm/11/16"	SB230A, SB240A, SB240W
B2416	Conical	13mm/1/2"	SB230A, SB240A, SB240W
B2417	Tapered	10mm/3/8"	SB230A, SB240A, SB240W

Roll Marking

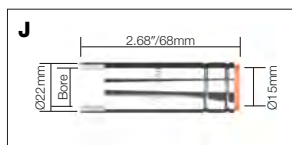
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



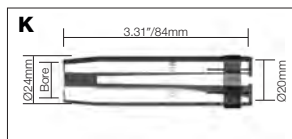
Stock Code	Description	Bore Size	Model
H B2507	Cylindrical	18mm/5/7"	SB250A, SB350W
B2508	Conical	15mm/19/32"	SB250A, SB350W
B2509	Tapered	12mm/15/32"	SB250A, SB350W
ECO2507	Everyday Cylindrical	18mm/5/7"	ECR250A
ECO2508	Everyday Conical	15mm/19/32"	ECR250A
ECO2509	Everyday Tapered	12mm/15/32"	ECR250A



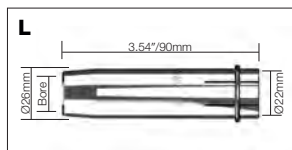
Stock Code	Description	Bore Size	Model
I B2510	Bottle	15mm/19/32"	SB250A, SB350W



Stock Code	Description	Bore Size	Model
J B2511	Spot	18mm/5/7"	SB250A, SB350W



Stock Code	Description	Bore Size	Model
K B3615	Cylindrical	19mm/3/4"	SB360A
B3616	Conical	16mm/5/8"	SB360A
B3617	Tapered	12mm/15/32"	SB360A
ECO3615	Everyday Cylindrical	19mm/3/4"	ECR360A
ECO3616	Everyday Conical	16mm/5/8"	ECR360A
ECO3617	Everyday Tapered	12mm/15/32"	ECR360A



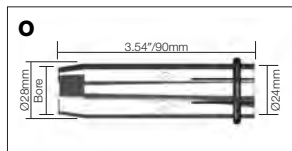
Stock Code	Description	Bore Size	Model
L B4017	Conical	18mm/5/7"	SB400A



Stock Code	Description	Bore Size	Model
M B5027	Cylindrical	19mm/3/4"	SB380A-501W
B5028	Conical	16mm/5/8"	SB380A-501W
B5029	Tapered	14mm/9/16"	SB380A-501W
ECO5027	Everyday Cylindrical	19mm/3/4"	ECR501W
ECO5028	Everyday Conical	16mm/5/8"	ECR501W
ECO5029	Everyday Tapered	14mm/9/16"	ECR501W

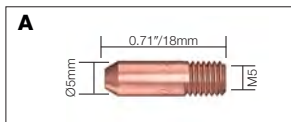


Stock Code	Description	Bore Size	Model
N B5028HD	HD Conical	16mm/5/8"	SB380A-501W

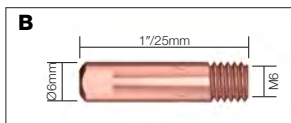


Stock Code	Description	Bore Size	Model
O B6004	Conical	20mm/25/32"	SB610A, SB610W
B6005	Cylindrical	23mm/29/32"	SB610A, SB610W

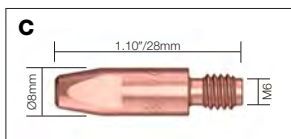
BZL Contact Tips



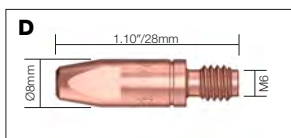
Stock Code	Description	Wire Size	Material	Model
A B1427-06	Contact Tip	0.6mm/.023"	ECu	SB120A
B1427-08	Contact Tip	0.8mm/.030"	ECu	SB120A
B1427-10	Contact Tip	1.0mm/.040"	ECu	SB120A



Stock Code	Description	Wire Size	Material	Model
B B1527-06	Contact Tip	0.6mm/.023"	ECu	SB140A, SB150A
ECO1527-06	Everyday Tip	0.6mm/.023"	ECu	SB140A, SB150A
B1527-08	Contact Tip	0.8mm/.030"	ECu	SB140A, SB150A
ECO1527-08	Everyday Tip	0.8mm/.030"	ECu	SB140A, SB150A
B1527-09	Contact Tip	0.9mm/.035"	ECu	SB140A, SB150A
B1527-10	Contact Tip	1.0mm/.040"	ECu	SB140A, SB150A
B1527-12	Contact Tip	1.2mm/.045"	ECu	SB140A, SB150A



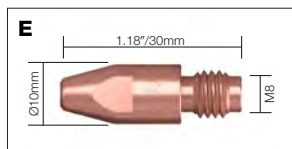
Stock Code	Description	Wire Size	Material	Model
C B2504-06	Contact Tip	0.6mm/.023"	ECu	SB230A-350W
B2504-08	Contact Tip	0.8mm/.030"	ECu	SB230A-350W
ECO2504-08	Everyday Tip	0.8mm/.030"	ECu	SB230A-350W
B2504-09	Contact Tip	0.9mm/.035"	ECu	SB230A-350W
B2504-10	Contact Tip	1.0mm/.040"	ECu	SB230A-350W
ECO2504-10	Everyday Tip	1.0mm/.040"	ECu	SB230A-350W
B2504-12	Contact Tip	1.2mm/.045"	ECu	SB230A-350W
ECO2504-12	Everyday Tip	1.2mm/.045"	ECu	SB230A-350W
B2504-14	Contact Tip	1.4mm/.055"	ECu	SB230A-350W
B2504-16	Contact Tip	1.6mm/1/16"	ECu	SB230A-350W
B2504-08CR	Contact Tip CR	0.8mm/.030"	ECu	SB230A-350W
B2504-10CR	Contact Tip CR	1.0mm/.040"	ECu	SB230A-350W
B2504-12CR	Contact Tip CR	1.2mm/.045"	ECu	SB230A-350W
B2504-10A	Contact Tip Al	1.0mm/.040"	ECu	SB230A-350W
B2504-12A	Contact Tip Al	1.2mm/.045"	ECu	SB230A-350W
B2504-16A	Contact Tip Al	1.6mm/1/16"	ECu	SB230A-350W



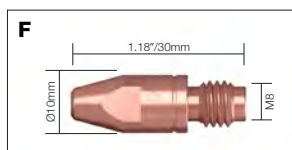
Stock Code	Description	Wire Size	Material	Model
D B2505-08	Contact Tip	0.8mm/.030"	CuCrZr	SB230A-350W
ECO2505-08	Everyday Tip	0.8mm/.030"	CuCrZr	SB230A-350W
B2505-09	Contact Tip	0.9mm/.035"	CuCrZr	SB230A-350W
B2505-10	Contact Tip	1.0mm/.040"	CuCrZr	SB230A-350W
ECO2505-10	Everyday Tip	1.0mm/.040"	CuCrZr	SB250A
B2505-12	Contact Tip	1.2mm/.045"	CuCrZr	SB230A-350W
ECO2505-12	Everyday Tip	1.2mm/.045"	CuCrZr	SB250A
B2505-16	Contact Tip	1.6mm/1/16"	CuCrZr	SB230A-350W

Roll Marking

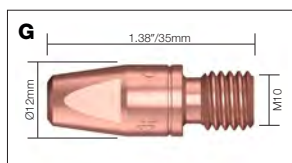
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Stock Code	Description	Wire Size	Material	Model
E B4014-08	Contact Tip	0.8mm/.030"	ECu	SB360A-SB501W
B4014-09	Contact Tip	0.9mm/.035"	ECu	SB360A-SB501W
B4014-10	Contact Tip	1.0mm/.040"	ECu	SB360A-SB501W
ECO4014-10	Everyday Tip	1.0mm/.040"	ECu	SB360A-SB501W
B4014-12	Contact Tip	1.2mm/.045"	ECu	SB360A-SB501W
ECO4014-12	Everyday Tip	1.2mm/.045"	ECu	SB360A-SB501W
B4014-14	Contact Tip	1.4mm/.055"	ECu	SB360A-SB501W
B4014-16	Contact Tip	1.6mm/1/16"	ECu	SB360A-SB501W
ECO4014-16	Everyday Tip	1.6mm/1/16"	ECu	SB360A-SB501W
B4014-20	Contact Tip	2.0mm/5/64"	ECu	SB360A-SB501W
B4014-24	Contact Tip	2.4mm/3/32"	ECu	SB360A-SB501W
B4014-10CR	Contact Tip CR	1.0mm/.040"	ECu	SB360A-SB501W
B4014-12CR	Contact Tip CR	1.2mm/.045"	ECu	SB360A-SB501W
B4014-10A	Contact Tip Al	1.0mm/.040"	ECu	SB360A-SB501W
B4014-12A	Contact Tip Al	1.2mm/.045"	ECu	SB360A-SB501W
B4014-16A	Contact Tip Al	1.6mm/1/16"	ECu	SB360A-SB501W

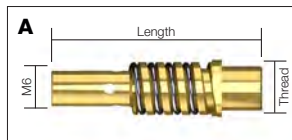


Stock Code	Description	Wire Size	Material	Model
F B4015-08	Contact Tip	0.8mm/.030"	CuCrZr	SB360A-SB501W
B4015-10	Contact Tip	1.0mm/.040"	CuCrZr	SB360A-SB501W
B4015-12	Contact Tip	1.2mm/.045"	CuCrZr	SB360A-SB501W
B4015-14	Contact Tip	1.4mm/.055"	CuCrZr	SB360A-SB501W
B4015-16	Contact Tip	1.6mm/1/16"	CuCrZr	SB360A-SB501W
B4015-24	Contact Tip	2.4mm/3/32"	CuCrZr	SB360A-SB501W

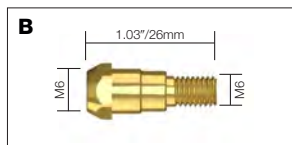


Stock Code	Description	Wire Size	Material	Model
G B6015-14	Contact Tip	1.4mm/.055"	CuCrZr	SB610A, SB610W
B6015-16	Contact Tip	1.6mm/1/16"	CuCrZr	SB610A, SB610W
B6015-20	Contact Tip	2.0mm/5/64"	CuCrZr	SB610A, SB610W
B6015-24	Contact Tip	2.4mm/3/32"	CuCrZr	SB610A, SB610W
B6015-28	Contact Tip	2.8mm/7/64"	CuCrZr	SB610A, SB610W
B6015-32	Contact Tip	3.2mm/1/8"	CuCrZr	SB610A, SB610W

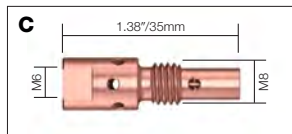
BZL Tip Adaptors



Stock Code	Description	Tip Thread	Neck Thread	Length	Model
A B1507 L/H	Tip Adaptor	M6	M8x1 L/H	42mm/1.65"	SB150A
B1507	Tip Adaptor	M6	M8x1	34mm/1.34"	SB140A



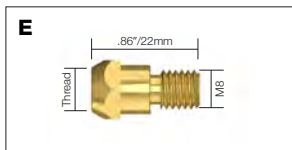
Stock Code	Description	Tip Thread	Neck Thread	Model
B B2412	Tip Adaptor	M6	M6	SB230A, SB240A/W



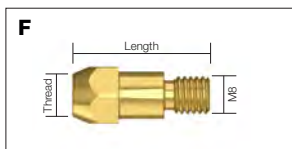
Stock Code	Description	Tip Thread	Neck Thread	Model
C B2506	Tip Adaptor	M6	M8	SB250A, SB350W
ECO2506	Everyday Adaptor	M6	M8	SB250A, SB350W



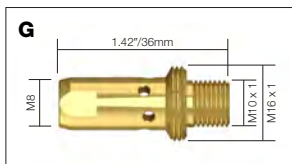
Stock Code	Description	Tip Thread	Neck Thread	Model
D B2536	Tip Adaptor	M8	M8	SB250A, SB350W



Stock Code	Description	Tip Thread	Neck Thread	Model
E B2612	Tip Adaptor	M6	M8	SB260A
B2612M8	Tip Adaptor	M8	M8	SB260A



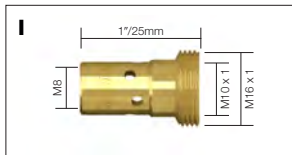
Stock Code	Description	Tip Thread	Neck Thread	Length	Model
F B3612	Tip Adaptor	M6	M8	28.5mm/1.12"	SB360A
ECO3612	Everyday Adaptor	M6	M8	28.5mm/1.12"	SB360A
B3613	Tip Adaptor	M6	M8	31.5mm/1.24"	SB360A
B3614	Tip Adaptor	M8	M8	28.5mm/1.12"	SB360A
ECO3614	Everyday Adaptor	M8	M8	28.5mm/1.12"	SB360A



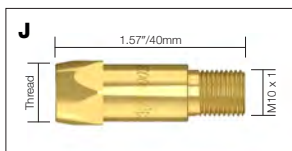
Stock Code	Description	Tip Thread	Neck Thread	Model
G B3812	Tip Adaptor	M8	M10 x 1	SB380A



Stock Code	Description	Tip Thread	Neck Thread	Model
H B4005	Tip Adaptor	M8	M8	SB400A



Stock Code	Description	Tip Thread	Neck Thread	Model
I B5001	Tip Adaptor	M8	M10 x 1	SB401W, SB501W
ECO5001	Everyday Adaptor	M8	M10 x 1	SB401W, SB501W

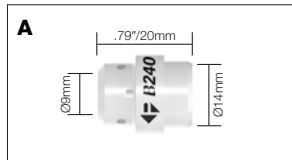


Stock Code	Description	Tip Thread	Neck Thread	Model
J B6003	Tip Adaptor	M8	M10 x 1	SB610A, SB610W
B6003M10	Tip Adaptor	M10	M10 x 1	SB610A, SB610W

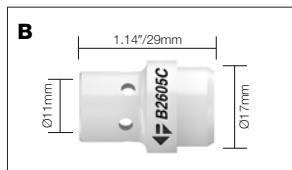
Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

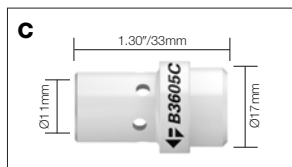
BZL Gas Diffusers



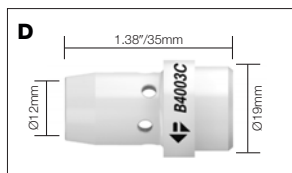
Stock Code	Description	Colour	Model
A B2405B	Gas Diffuser	Black	SB240A, SB240W
B2405C	Gas Diffuser	Ceramic	SB240A, SB240W
B2405W	Gas Diffuser	White	SB240A, SB240W



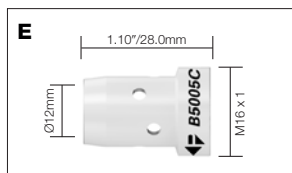
Stock Code	Description	Colour	Model
B B2605B	Gas Diffuser	Black	SB260A
B2605C	Gas Diffuser	Ceramic	SB260A
B2605W	Gas Diffuser	White	SB260A



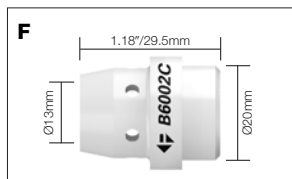
Stock Code	Description	Colour	Model
C B3605B	Gas Diffuser	Black	SB360A
B3605C	Gas Diffuser	Ceramic	SB360A
B3605W	Gas Diffuser	White	SB360A



Stock Code	Description	Colour	Model
D B4003B	Gas Diffuser	Black	SB400A
B4003C	Gas Diffuser	Ceramic	SB400A



Stock Code	Description	Colour	Model
E B5005B	Gas Diffuser	Black	SB380A, SB401W, SB501W
B5005C	Gas Diffuser	Ceramic	SB380A, SB401W, SB501W
B5005W	Gas Diffuser	White	SB380A, SB401W, SB501W



Stock Code	Description	Colour	Model
F B6002C	Gas Diffuser	Ceramic	SB610A, SB610W

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

BZL Liner Selector Chart

Stock Code	Description	Length	Wire Size	Model	SB120A	SB140A	SB150A	SB230A	SB240A	SB250A	SB260A	SB360A	SB400A	SB610A	SB240W	SB350W	SB401W	SB501W	SB610W
A B1435-30	Steel Liner	3m	.023"-.030*/0.6mm-0.8mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B1435-40	Steel Liner	4m	.023"-.030*/0.6mm-0.8mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B1435-20TEL	Steel Liner (Telwin)	2m	.023"-.030*/0.6mm-0.8mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B1435-30TEL	Steel Liner (Telwin)	3m	.023"-.030*/0.6mm-0.8mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B1436-30	Nylon Liner	3m	.023"-.035*/0.6mm-0.9mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B1436-40	Nylon Liner	4m	.023"-.035*/0.6mm-0.9mm		■	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B ECO / B1535-30	Steel Liner	3m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ECO / B1535-40	Steel Liner	4m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1535-50	Steel Liner	5m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1535-20TEL	Steel Liner (Telwin)	2m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1535-30TEL	Steel Liner (Telwin)	3m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
C B1536-30++	Teflon Liner	3m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1536-40++	Teflon Liner	4m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1536-50++	Teflon Liner	5m	.023"-.035*/0.6mm-0.9mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B ECO / B2524-30	Steel Liner	3m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
ECO / B2524-40	Steel Liner	4m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B2524-50	Steel Liner	5m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
C B2513-30++	Teflon Liner	3m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B2513-40++	Teflon Liner	4m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B2513-50++	Teflon Liner	5m	.040"-.045*/1.0mm-1.2mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B B3631-30	Steel Liner	3m	1/16"/1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3631-40	Steel Liner	4m	1/16"/1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3631-50	Steel Liner	5m	1/16"/1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
C B3626-30++	Teflon Liner	3m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3626-40++	Teflon Liner	4m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3626-50++	Teflon Liner	5m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B B4631-30	Steel Liner	3m	5/64"-3/32"/2.0mm-2.4mm											■					
B4631-40	Steel Liner	4m	5/64"-3/32"/2.0mm-2.4mm											■					
B4631-50	Steel Liner	5m	5/64"-3/32"/2.0mm-2.4mm											■					
D B6033-30	Plain Liner (Rz-2)	3m	1/16"-5/64"/1.6mm-2.0mm											■					■
B6033-40	Plain Liner (Rz-2)	4m	1/16"-5/64"/1.6mm-2.0mm											■					■
B6033-50	Plain Liner (Rz-2)	5m	1/16"-5/64"/1.6mm-2.0mm											■					■
D B6034-30	Plain Liner (Rz-2)	3m	3/32"/2.4mm											■					■
B6034-40	Plain Liner (Rz-2)	4m	3/32"/2.4mm											■					■
D B6035-30	Plain Liner (Rz-2)	3m	.110"-1/8"/2.8mm-3.2mm											■					■
B6035-40	Plain Liner (Rz-2)	4m	.110"-1/8"/2.8mm-3.2mm											■					■
B B5033-30	Plain Liner	3m	.040"-.045*/1.0mm-1.2mm												■	■	■	■	
B5033-40	Plain Liner	4m	.040"-.045*/1.0mm-1.2mm												■	■	■	■	
B5033-50	Plain Liner	5m	.040"-.045*/1.0mm-1.2mm												■	■	■	■	
B B5034-30	Plain Liner	3m	.045"-1/16"/1.2mm-1.6mm												■	■	■	■	
B5034-40	Plain Liner	4m	.045"-1/16"/1.2mm-1.6mm												■	■	■	■	
B5034-50	Plain Liner	5m	.045"-1/16"/1.2mm-1.6mm												■	■	■	■	
A B4033-30	Plain Liner	3m	5/64"-3/32"/2.0mm-2.4mm											■	■	■	■	■	■
B4033-40	Plain Liner	4m	5/64"-3/32"/2.0mm-2.4mm											■	■	■	■	■	■
B4033-50	Plain Liner	5m	5/64"-3/32"/2.0mm-2.4mm											■	■	■	■	■	■
C B1564-30++	Polyamide Liner	3m	.030"-.045*/0.8mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1564-40++	Polyamide Liner	4m	.030"-.045*/0.8mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B1564-50++	Polyamide Liner	5m	.030"-.045*/0.8mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
C B2564-30++	Polyamide Liner	3m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B2564-40++	Polyamide Liner	4m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B2564-50++	Polyamide Liner	5m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
C B3564-30++	Polyamide Liner	3m	1/16"-5/64"/1.6mm-2.0mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3564-40++	Polyamide Liner	4m	1/16"-5/64"/1.6mm-2.0mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3564-50++	Polyamide Liner	5m	1/16"-5/64"/1.6mm-2.0mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
C B2554-30++	Carbon Teflon Liner	3m	.040"-.045*/1.0mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B2554-40++	Carbon Teflon Liner	4m	.040"-.045*/1.0mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
B2554-50++	Carbon Teflon Liner	5m	.040"-.045*/1.0mm-1.2mm		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
C B3554-30++	Carbon Teflon Liner	3m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3554-40++	Carbon Teflon Liner	4m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
B3554-50++	Carbon Teflon Liner	5m	.045"-1/16"/1.2mm-1.6mm		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

++ For optional Neck Liners please use the following codes.

B9000 for soft wires .030"-.045*/0.8mm-1.0mm, B9001 for .040"-1/16"/1.0mm-1.6mm

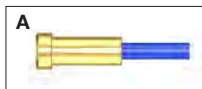
Colour Code

0.6-0.9mm Wire ■ Blue

1.2-1.6mm Wire ■ Yellow

1.0-1.2mm Wire ■ Red

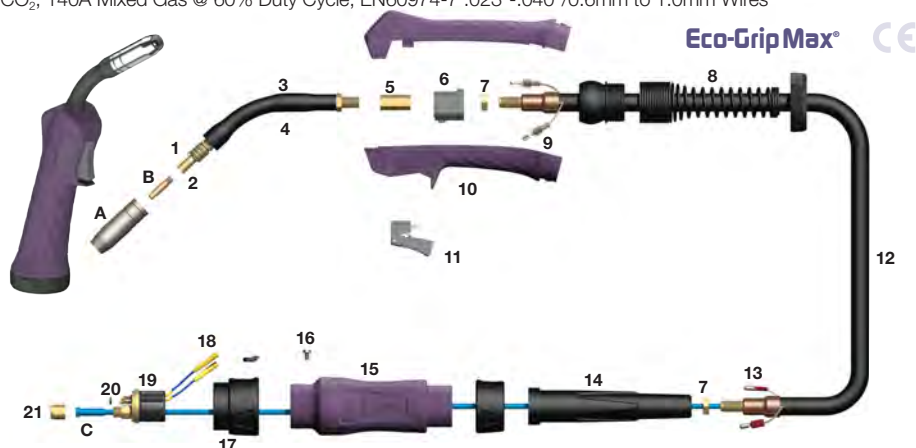
2.0-2.4mm Wire ■ Green



Eco-Grip Max® 150A

Air Cooled MIG Torch

140A CO₂, 140A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"-.040"/0.6mm to 1.0mm Wires



Model

Stock Code	Description
ECR1500-30ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 3m
ECR1500-40ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 4m

Nozzles

Stock Code	Description
A ECO1530*	Everyday Conical Nozzle 15/32"/12mm Bore
B1529	Everyday Cylindrical Nozzle 5/8"/16mm Bore
B1531	Everyday Tapered Nozzle 7/16"/11mm Bore
B1532	Everyday Bottle Nozzle 1/2"/13mm Bore
B1533	Everyday Spot Welding Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B ECO1527-06	Everyday Contact Tip .023"/0.6mm M6 ECu
ECO1527-08*	Everyday Contact Tip .030"/0.8mm M6 ECu

Liners

Stock Code	Description
C ECO1535-30	Everyday Steel Liner .023"-.030"/0.6-0.9mm x 3m
ECO1535-40	Everyday Steel Liner .023"-.030"/0.6-0.9mm x 4m

Components

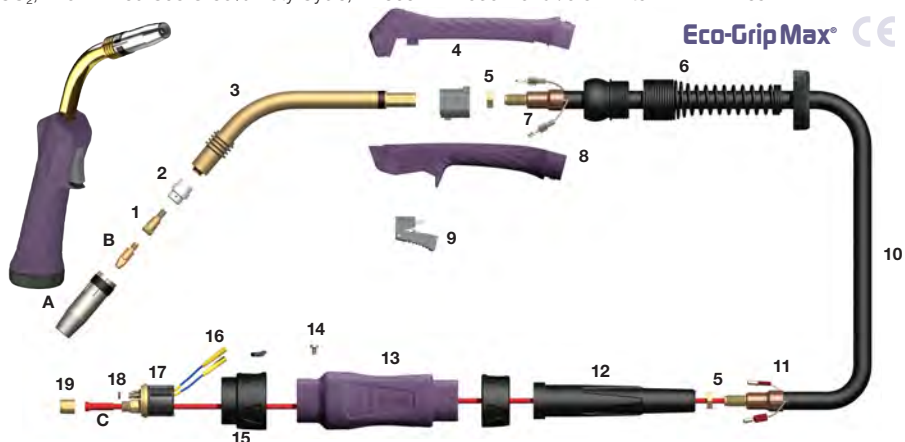
* Denotes Standard Build

Stock Code	Description
1 B1504	Shroud Spring
2 B1507 L/H	Tip Adaptor M6
3 ECO1501	Swan Neck c/w Tip Adaptor and Insulation Sleeve
4 ECO1502	One Piece Neck Insulation Sleeve
5 B2519	Hexagonal Fitting
6 B1515/PG	Handle Location Body
7 B1505	Lock Nut
8 ECO8020	Spring Cable Support
9 B1521	Cable Terminal-Female
10 ECO8514	Eco-Grip Max® Handle Kit
11 B8516	Eco-Grip Max® Trigger
12 B1517-30	Cable Assembly x 3m/10ft
B1517-40	Cable Assembly x 4m/13ft
B1517-50	Cable Assembly x 5m/16ft
13 B1522	Cable Terminal-Male
14 B1841	Cable Support
15 B1518	Gun Plug Housing c/w Nut
16 B1526	Gun Plug Screw
17 B1519/PL	Gun Plug Nut-Plastic c/w Insert
18 Spring Pin 2	Spring Pin Assembly
19 ECB1528	Gun Plug Body c/w Spring Pins
20 B1524	Gun Plug 'O' Ring
21 B1525	Liner Nut

Eco-Grip Max® 240A

Air Cooled MIG Torch

200A CO₂, 170A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
ECR2400-30ER	Eco-Grip Max® Welding Torch c/w Euro Fitting x 3m
ECR2400-40ER	Eco-Grip Max® Welding Torch c/w Euro Fitting x 4m
ECR2400-50ER	Eco-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B2415	Cylindrical Nozzle 11/16"/17mm Bore
B2416*	Conical Nozzle 1/2"/13mm Bore
B2417	Tapered Nozzle 3/8"/10mm Bore

Contact Tips

Stock Code	Description
B ECO2504-08	Contact Tip .030"/0.8mm M6 Ecu
ECO2504-10*	Contact Tip .040"/1.0mm M6 Ecu
ECO2504-12	Contact Tip .045"/1.2mm M6 Ecu
ECO2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
ECO2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
ECO2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C ECO1535-30	Steel Liner .023"- .035"/0.6mm-0.9mm x 3m
ECO1535-40	Steel Liner .023"- .035"/0.6mm-0.9mm x 4m
ECO1535-50	Steel Liner .023"- .035"/0.6mm-0.9mm x 5m
ECO2524-30*	Steel Liner .040"- .045"/1.0mm-1.2mm x 3m
ECO2524-40*	Steel Liner .040"- .045"/1.0mm-1.2mm x 4m
ECO2524-50*	Steel Liner .040"- .045"/1.0mm-1.2mm x 5m
B1536-30	Teflon Liner .023"- .035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"- .035"/0.6mm-0.9mm x 4m
B1536-50	Teflon Liner .023"- .035"/0.6mm-0.9mm x 5m
B2513-30	Teflon Liner .040"- .045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"- .045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"- .045"/1.0mm-1.2mm x 5m

Components

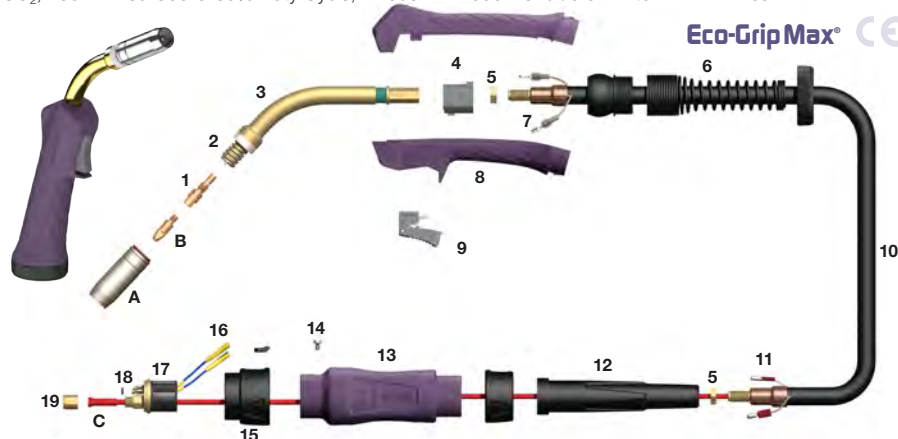
* Denotes Standard Build

Stock Code	Description
1 B2412	Tip Adaptor M6
2 B2405B	Diffuser Black
B2405C*	Diffuser Ceramic
2 B2405W	Diffuser White
3 ECO2401	Swan Neck
4 B1515/PG	Handle Location Body
5 B1505	Lock Nut
6 B8015	Cable Support c/w Knuckle Joint
7 B1521	Cable Terminal
8 ECO8514	Eco-Grip Max® Handle Kit
9 B8516	Eco-Grip Max® Trigger
10 B2603-30	Cable Assembly x 3m/10ft
B2603-40	Cable Assembly x 4m/13ft
B2603-50	Cable Assembly x 5m/16ft
11 B1522	Cable Terminal-Male
12 B2841	Cable Support
13 B1518	Gun Plug Housing c/w Nut
14 B1526	Gun Plug Screw
15 B1519	Gun Plug Nut c/w Insert
16 Spring Pin 2	Spring Pin Assembly
17 ECB1528	Gun Plug Body c/w Spring Pins
18 B1524	Gun Plug 'O' Ring
19 B1525	Liner Nut

Eco-Grip Max® 250A

Air Cooled MIG Torch

184A CO₂, 160A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
ECR2500-30ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 3m
ECR2500-40ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 4m
ECR2500-50ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A ECO2507	Everyday Cylindrical Nozzle 5/7"/18mm Bore
ECO2508*	Everyday Conical Nozzle 19/32"/15mm Bore
ECO2509	Everyday Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B ECO2504-08*	Everyday Contact Tip .030"/0.8mm M6 ECu
ECO2504-10	Everyday Contact Tip .040"/1.0mm M6 ECu
ECO2504-12	Everyday Contact Tip .045"/1.2mm M6 ECu
ECO2505-08	Everyday Contact Tip .030"/0.8mm M6 CuCrZr
ECO2505-10	Everyday Contact Tip .040"/1.0mm M6 CuCrZr
ECO2505-12	Everyday Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C ECO1535-30	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 3m
ECO1535-40	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 4m
ECO1535-50	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 5m
ECO2524-30*	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 3m
ECO2524-40*	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 4m
ECO2524-50*	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 5m

Components

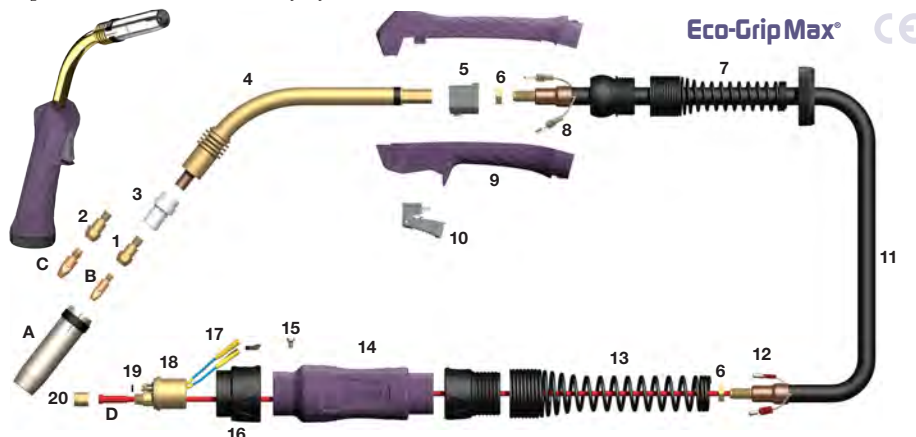
* Denotes Standard Build

Stock Code	Description
1 ECO2506	Everyday Tip Adaptor M6
2 B2502	Shroud Spring
3 ECO2501	Everyday Swan Neck
4 B1515/PG	Handle Location Body
5 B1505	Lock Nut M10
6 ECO8020	Cable Spring Support
7 B1521	Cable Terminal-Female
8 ECO8514	Eco-Grip Max® Handle Kit
9 B8516	Eco-Grip Max® Trigger
10 B2503-30	Cable Assembly x 3m/10ft
B2503-40	Cable Assembly x 4m/13ft
B2503-50	Cable Assembly x 5m/16ft
11 B1522	Cable Terminal-Male
12 B1841	Cable Support
13 B1518	Gun Plug Housing c/w Nut
14 B1526	Gun Plug Screw
15 B1519	Gun Plug Nut c/w Insert
16 Spring Pin 2	Spring Pin Assembly
17 ECB1528	Gun Plug Body c/w Spring Pins
18 B1524	Gun Plug 'O' Ring
19 B1525	Liner Nut

Eco-Grip Max® 360A

Air Cooled MIG Torch

240A CO₂, 216A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
ECR3600-30ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 3m
ECR3600-40ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 4m
ECR3600-50ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A ECO3615	Everyday Cylindrical Nozzle 3/4"/19mm Bore
ECO3616*	Everyday Conical Nozzle 5/8"/16mm Bore
ECO3617	Everyday Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B ECO2504-08	Everyday Contact Tip .030"/0.8mm M6 ECu
ECO2504-10	Everyday Contact Tip .040"/1.0mm M6 ECu
ECO2504-12*	Everyday Contact Tip .045"/1.2mm M6 ECu
ECO2505-08	Everyday Contact Tip .030"/0.8mm M6 CuCrZr
ECO2505-10	Everyday Contact Tip .040"/1.0mm M6 CuCrZr
ECO2505-12	Everyday Contact Tip .045"/1.2mm M6 CuCrZr
C ECO4014-10	Everyday Contact Tip .040"/1.0mm M8 ECu
ECO4014-12	Everyday Contact Tip .045"/1.2mm M8 ECu

Liners

Stock Code	Description
D ECO1535-30	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 3m
ECO1535-40	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 4m
ECO1535-50	Everyday Steel Liner .023"-.035"/0.6-0.9mm x 5m
ECO2524-30*	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 3m
ECO2524-40*	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 4m
ECO2524-50	Everyday Steel Liner .040"-.045"/1.0-1.2mm x 5m

Components

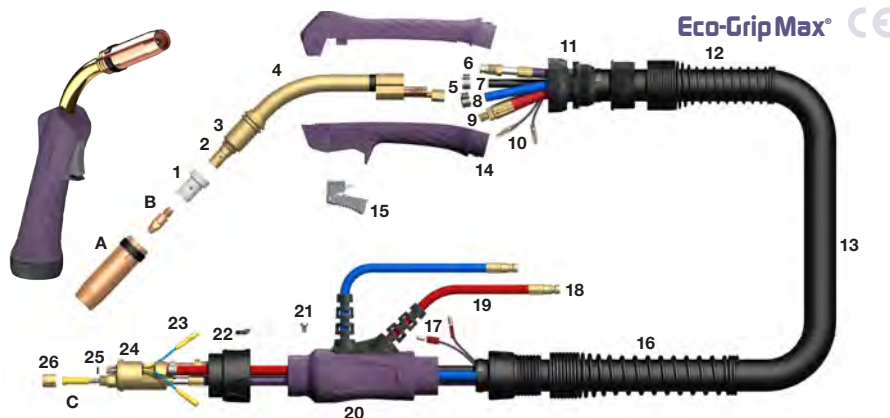
* Denotes Standard Build

Stock Code	Description
1 ECO3612*	Everyday Tip Adaptor, 28.5mm M6
2 ECO3614	Everyday Tip Adaptor, 28.5mm M8
3 B3605B	Diffuser Black
B3605C	Diffuser Ceramic
B3605W	Diffuser White
4 ECO3603	Eco-Grip Max® Swan Neck
5 B1515/PG	Handle Location Body
6 B1505	Lock Nut
7 ECO8020	Cable Spring Support
8 B1521	Cable Terminal-Female
9 ECO8514	Eco-Grip Max® Handle Kit
10 B8516	Eco-Grip Max® Trigger
11 B3609-30	Cable Assembly x 3m/10ft
B3609-40	Cable Assembly x 4m/13ft
B3609-50	Cable Assembly x 5m/16ft
12 B1522	Cable Terminal-Male
B8026	Cable Support
14 B1518	Gun Plug Housing c/w Nut
15 B1526	Gun Plug Screw
16 B1519/BK	Gun Plug Nut-Black
17 Spring Pin 2	Spring Pin Assembly
B1528	Gun Plug Body c/w Spring Pins
19 B1524	Gun Plug 'O' Ring
20 B1525	Liner Nut

Eco-Grip Max® 401W

Water Cooled MIG Welding Torch

400A CO₂, 350A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
ECR4001-30ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 3m
ECR4001-40ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 4m
ECR4001-50ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A ECO5027	Cylindrical Nozzle 3/4"/19mm Bore
ECO5028*	Conical Nozzle 5/8"/16mm Bore
ECO5029	Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B ECO4014-08	Contact Tip .030"/0.8mm M8 ECu
ECO4014-10	Contact Tip .040"/1.0mm M8 ECu
ECO4014-12*	Contact Tip .045"/1.2mm M8 ECu
ECO4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
ECO4015-12	Contact Tip .045"/1.2mm M8 CuCrZr

Liners

Stock Code	Description
C B5033-30*	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40*	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50*	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

Components

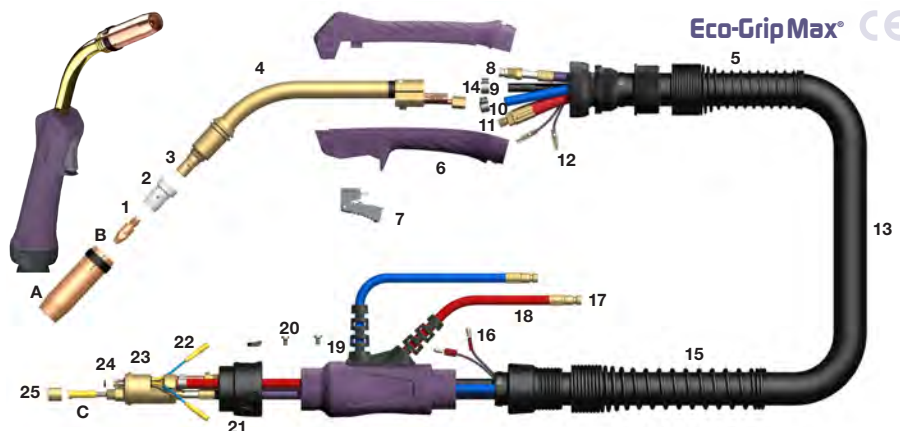
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5001	Tip Adaptor 1"/25mm M8
3 B5003	Insulating Washer
4 ECO4011	Swan Neck
5 B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40 PVC	Water Inlet Hose Assembly x 4m
B5012-50 PVC	Water Inlet Hose Assembly x 5m
9 B5015-40 PVC	Power Cable Assembly x 4m
B5015-50 PVC	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B7594	Eco-Grip Max® Handle Kit
15 B2516	Eco-Grip Max® Trigger
16 B8027	Spring Cable Support-Rear
17 B1522	Cable Terminal-Male
18 B5023	Water Hose Nipple
19 B5017	Water Outlet Hose O/Braid
20 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
21 B1526	Gun Plug Screw
22 B1519	Gun Plug Nut c/w Insert
23 Spring Pin 2	Spring Pin Assembly
24 B5098	Gun Plug Body c/w Spring Pins
25 B1524	Gun Plug 'O' Ring
26 B1525	Liner Nut

Eco-Grip Max® 501W

Water Cooled MIG Welding Torch

400A CO₂, 360A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



Models

Stock Code	Description
ECR5000-30ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 3m
ECR5000-40ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 4m
ECR5000-50ER	Eco-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A ECO5027	Everyday Cylindrical Nozzle 3/4"/19mm Bore
ECO5028*	Everyday Conical Nozzle 5/8"/16mm Bore
ECO5029	Everyday Tapered Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B ECO4014-10	Everyday Contact Tip .040"/1.0mm M8 ECu
ECO4014-12	Everyday Contact Tip .045"/1.2mm M8 ECu
ECO4014-16	Everyday Contact Tip 1/16"/1.6mm M8 ECu
B4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
B4015-12*	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
C B5033-30	Plain Liner .040"-.045"/1.0-1.2mm x 3m
B5033-40	Plain Liner .040"-.045"/1.0-1.2mm x 4m
B5034-30*	Plain Liner .045"-.1/16"/1.2-1.6mm x 3m
B5034-40*	Plain Liner .045"-.1/16"/1.2-1.6mm x 4m
B4033-30	Plain Liner .080"-.090"/2.0-2.4mm x 3m
B4033-40	Plain Liner .080"-.090"/2.0-2.4mm x 4m
B2513-30	Teflon Liner .040"-.045"/1.0-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0-1.2mm x 4m
B3626-30	Teflon Liner .045"-.1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-.1/16"/1.2mm-1.6mm x 4m

Components

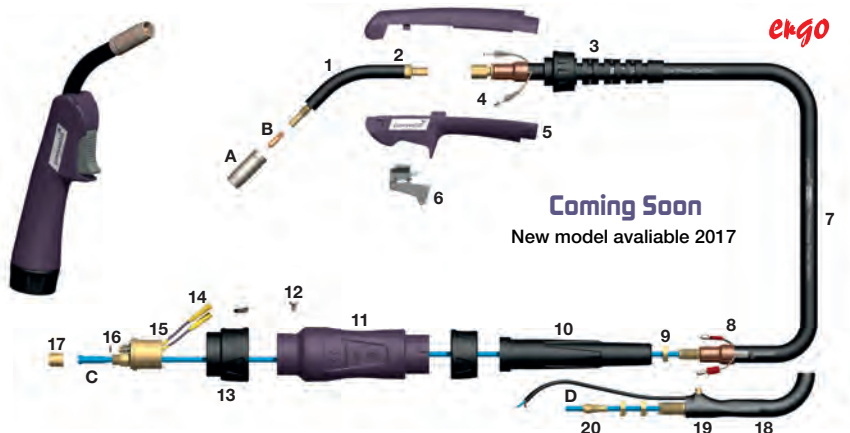
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C	Diffuser Ceramic
B5005W*	Diffuser White
2 ECO5001	Tip Adaptor, 25.0mm M8
3 B5003	Insulating Washer
4 ECO5002	Everyday Swan Neck
5 ECO8032	Cable Spring Support
6 ECO8514	Eco-Grip Max® Handle Kit
7 B8516	Eco-Grip Max® Trigger
8 B5008-30	Outer Liner Assembly x 3m
B5008-40	Outer Liner Assembly x 4m
9 B5013-30	Gas Hose Assembly, PVC x 3m
B5013-40	Gas Hose Assembly, PVC x 4m
10 B5012-30 PVC	Water Inlet Hose Assembly x 3m
B5012-40 PVC	Water Inlet Hose Assembly x 4m
11 B5015-30 PVC	Gas Hose Assembly, PVC x 3m
B5015-40 PVC	Gas Hose Assembly, PVC x 4m
12 B5010-30	Switch Lead Assembly x 3m
B5010-40	Switch Lead Assembly x 4m
13 B5019-30	Canvas Cover Assembly x 3m
B5019-40	Canvas Cover Assembly x 4m
14 B5024	Water Hose Clamp, 9.5mm
15 B8027	Cable Spring Support
16 B1522	Cable Terminal-Male
17 B5023	Water Hose Nipple
18 B5017 PVC	Water Outlet Hose
19 B5022/BK	Gun Plug Housing c/w Lock Nut and Hose Supports
20 B1526	Gun Plug Screw
21 B1519/BK	Gun Plug Nut
22 B1523	Gun Plug Terminal
23 B5098	Gun Plug Body c/w Spring Pins
24 B1524	Gun Plug 'O' Ring
25 B1525	Liner Nut

SB 120A

Air Cooled MIG Torch

140A CO₂, 120A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"-.035"/0.6mm to 0.8mm Wires



Models

Stock Code	Description
B1200-30ER	Welding Torch Package c/w Euro Fitting x 3m
B1200-40ER	Welding Torch Package c/w Euro Fitting x 4m
B1200-30TEL	Welding Torch Package c/w Telwin Fitting 3m

Nozzles

Stock Code	Description
A B1430*	Conical Nozzle Screw On 7/16"/11mm Bore
B1431	Spot Welding Nozzle Screw On 1/2"/13mm Bore

Contact Tips

Stock Code	Description
B 1427-06	Contact Tip .023"-.030"/0.6mm M5 ECU
B1427-08	Contact Tip .030"/0.8mm M5 ECU

Liners

Stock Code	Description
C B1435-30*	Steel Liner .023"-.030"/0.6-0.8mm x 3m
B1435-40*	Steel Liner .023"-.030"/0.6-0.8mm x 4m
B1436-30	Nylon Liner .023"-.030"/0.6-0.8mm x 3m
B1436-40	Nylon Liner .023"-.030"/0.6-0.8mm x 4m
D B1435-30TEL	Steel Liner .023"-.030"/0.6-0.8mm x 3m Telwin
B1435-40TEL	Steel Liner .023"-.030"/0.6-0.8mm x 4m Telwin

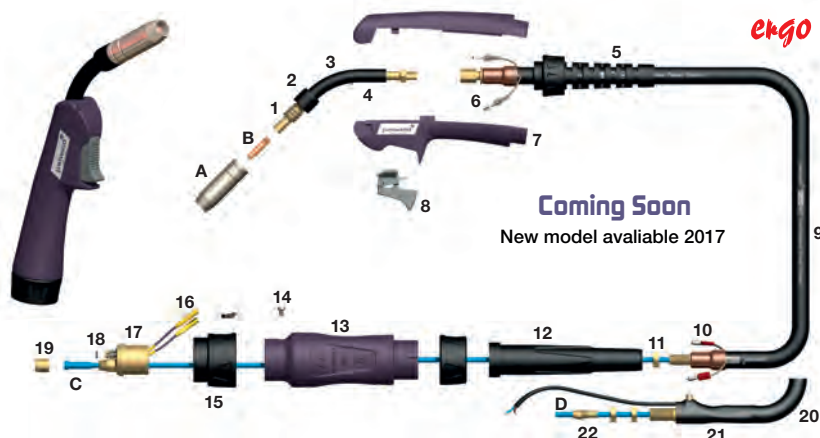
Components

* Denotes Standard Build

Stock Code	Description
1 B1401	Swan Neck-Screw On Nozzle
NI B1401-P	Swan Neck-Push On Nozzle
2 B1402	Insulation Sleeve
3 B8011	Eco-Grip® Cable Support
4 B1521	Cable Terminal
5 B1414	Eco-Grip® Handle Kit c/w Lock Nut and Trigger
6 B1416	Eco-Grip® Trigger
7 B1317-30	Hyperflex™ Cable Assembly x 3m
B1317-40	Hyperflex™ Cable Assembly x 4m
8 B1522	Cable Terminal-Male
9 B1505	Lock Nut
10 B1841	Cable Support
11 B1518	Gun Plug Housing c/w Nut
12 B1526	Gun Plug Screw
13 B1519PL	Gun Plug Nut-Plastic c/w Insert
14 Spring Pin 2	Spring Pin Assembly
15 B1528	Gun Plug Body c/w Spring Pins
16 B1524	Gun Plug 'O' Ring
17 B1525	Liner Nut
18 B1251	Strain Relief
19 B1217-30TEL	Hyperflex™ Cable Assembly x 3m Telwin
20 B1552	Telwin Liner Collet

SB 140A

Air Cooled MIG Torch

160A CO₂, 140A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"-.035"/0.6mm to 0.9mm Wires

Models

Stock Code	Description
B1400-30ER	Welding Torch Package c/w Euro Fitting x 3m
B1400-40ER	Welding Torch Package c/w Euro Fitting x 4m
B1400-30TEL	Welding Torch Package c/w Telwin Fitting x 3m

Nozzles

Stock Code	Description
A B1529	Cylindrical Nozzle 5/8"/16mm Bore
B1530*	Conical Nozzle 15/32"/12mm Bore
B1531	Tapered Nozzle 7/16"/11mm Bore
B1532	Bottle Nozzle 1/2"/13mm Bore
B1533	Spot Welding Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B B1527-06	Contact Tip .023"/0.6mm M6 ECu
B1527-08*	Contact Tip .030"/0.8mm M6 ECu
B1527-09	Contact Tip .035"/0.9mm M6 ECu

Liners

Stock Code	Description
C B1535-30*	Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40*	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
D B1535-30TEL	Steel Liner .023"-.035"/0.6-0.9mm x 3m Telwin
B1535-40TEL	Steel Liner .023"-.035"/0.6-0.9mm x 4m Telwin

Components

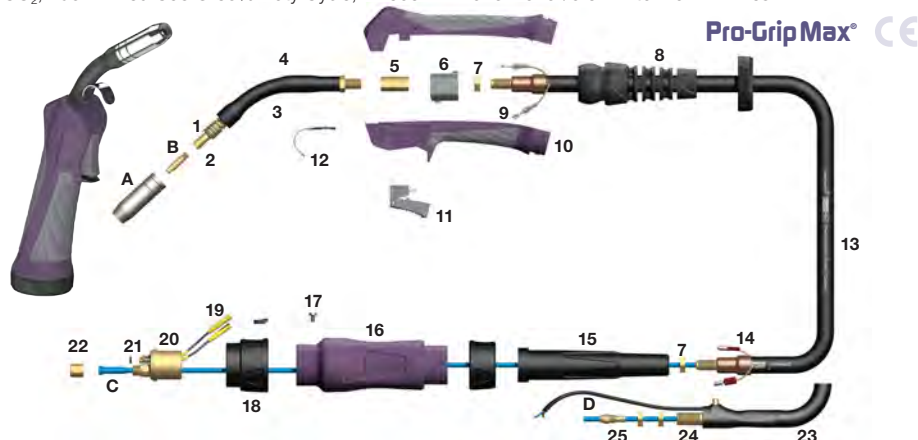
* Denotes Standard Build

Stock Code	Description
1 B1504	Shroud Spring
2 B1503	Insulator
3 B1502	Insulation Sleeve
4 B1415	Swan Neck
5 B8011	Eco-Grip® Cable Support
6 B1521	Cable Terminal
7 B1414	Ergo Handle Kit c/w Lock Nut and Trigger
8 B1416	Ergo Trigger
9 B1417-30	Hyperflex™ Cable Assembly x 3m
B1417-40	Hyperflex™ Cable Assembly x 4m
10 B1522	Cable Terminal-Male
11 B1505	Lock Nut
12 B1841	Cable Support
13 B1518	Gun Plug Housing c/w Nut
14 B1526	Gun Plug Screw
15 B1519PL	Gun Plug Nut-Plastic c/w Insert
16 Spring Pin 2	Spring Pin Assembly
17 B1528	Gun Plug Body c/w Spring Pins
18 B1524	Gun Plug 'O' Ring
19 B1525	Liner Nut
20 B1251	Strain Relief
21 B1217-30TEL	Hyperflex™ Cable Assembly x 3m Telwin
22 B1552	Telwin Liner Collet

Pro-Grip Max® 150A

Air Cooled MIG Torch

180A CO₂, 150A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"- .040"/0.6mm to 1.0mm Wires



Models

Stock Code	Description
PRO1500-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO1500-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO1500-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m
PRO1500-30TEL	Pro-Grip Max® Welding Torch c/w Telwin Fitting x 3m
PRO1500-40TEL	Pro-Grip Max® Welding Torch c/w Telwin Fitting x 4m
PRO1500-50TEL	Pro-Grip Max® Welding Torch c/w Telwin Fitting x 5m

Nozzles

Stock Code	Description
A B1529	Cylindrical Nozzle 5/8"/16mm Bore
B1530*	Conical Nozzle 15/32"/12mm Bore
B1531	Tapered Nozzle 7/16"/11mm Bore
B1532	Bottle Nozzle 1/2"/13mm Bore
B1533	Spot Welding Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B B1527-06	Contact Tip .023"/0.6mm M6 ECU
B1527-08*	Contact Tip .030"/0.8mm M6 ECU
B1527-09	Contact Tip .035"/0.9mm M6 ECU
B1527-10	Contact Tip .040"/1.0mm M6 ECU

Liners

Stock Code	Description
C B1535-30*	Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40*	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B1535-50*	Steel Liner .023"-.035"/0.6mm-0.9mm x 5m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-50	Teflon Liner .023"-.035"/0.6mm-0.9mm x 5m
D B1535-40TEL	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m Telwin
B1535-50TEL	Steel Liner .023"-.035"/0.6mm-0.9mm x 5m Telwin

Components

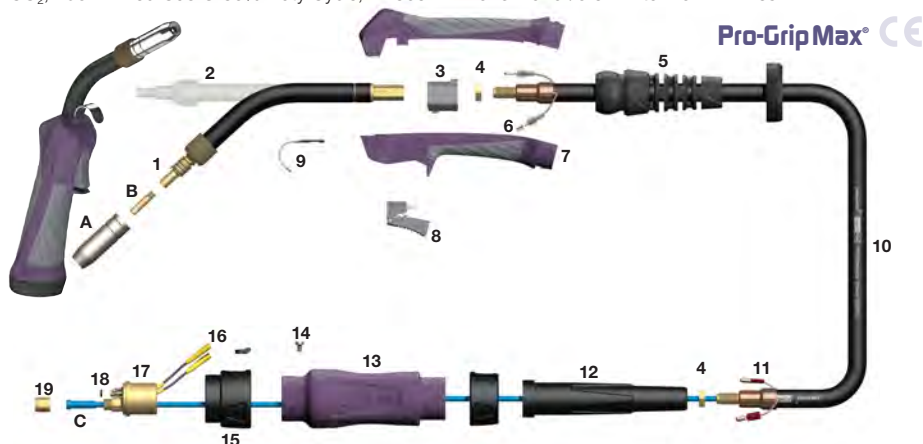
* Denotes Standard Build

Stock Code	Description
1 B1504	Shroud Spring
2 B1507 L/H	Tip Adaptor
3 B1501	Swan Neck c/w Tip Adaptor, Spring and Sleeve
4 B1502	Insulation Sleeve
5 B2519	Hexagonal Fitting
6 B1515/PG	Handle Location Body
7 B1505	Lock Nut
8 B8015	Cable Support c/w Knuckle Joint
9 B1521	Cable Terminal
10 B8514	Pro-Grip Max® Handle Kit
11 B8516	Pro-Grip Max® Trigger
12 B2517	Hanger Hook
13 B1517-30	Hyperflex™ Cable Assembly x 3m
B1517-40	Hyperflex™ Cable Assembly x 4m
B1517-50	Hyperflex™ Cable Assembly x 5m
14 B1522	Cable Terminal-Male
15 B1841	Cable Support c/w Knuckle Joint
16 B1518	Gun Plug Housing c/w Nut
17 B1526	Gun Plug Screw
18 B1519PL	Gun Plug Nut-Plastic c/w Insert
19 Spring Pin 2	Spring Pin Assembly
20 B1528	Gun Plug Body c/w Spring Pins
21 B1524	Gun Plug 'O' Ring
22 B1525	Liner Nut
23 B1251	Strain Relief
24 B1517-30TEL	Hyperflex™ Cable Assembly x 3m Telwin
B1517-40TEL	Hyperflex™ Cable Assembly x 4m Telwin
B1517-50TEL	Hyperflex™ Cable Assembly x 5m Telwin
25 B1552	Liner Collet

Pro-Grip Max® 150A Flex

Air Cooled MIG Torch

180A CO₂, 150A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"- .040"/0.6mm to 1.0mm Wires



Models

Stock Code	Description
PRO1500FX-30ER	Pro-Grip Max® Flex Welding Torch c/w Euro Fitting x 3m
PRO1500FX-40ER	Pro-Grip Max® Flex Welding Torch c/w Euro Fitting x 4m

Nozzles

Stock Code	Description
A B1529	Cylindrical Nozzle 5/8"/16mm Bore
B1530*	Conical Nozzle 15/32"/12mm Bore
B1531	Tapered Nozzle 7/16"/11mm Bore
B1532	Bottle Nozzle 1/2"/13mm Bore
B1533	Spot Welding Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B B1527-06	Contact Tip .023"/0.6mm M6 ECu
B1527-08*	Contact Tip .030"/0.8mm M6 ECu
B1527-09	Contact Tip .035"/0.9mm M6 ECu
B1527-10	Contact Tip .040"/1.0mm M6 ECu

Liners

Stock Code	Description
C B1535-30*	Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40*	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m

Components

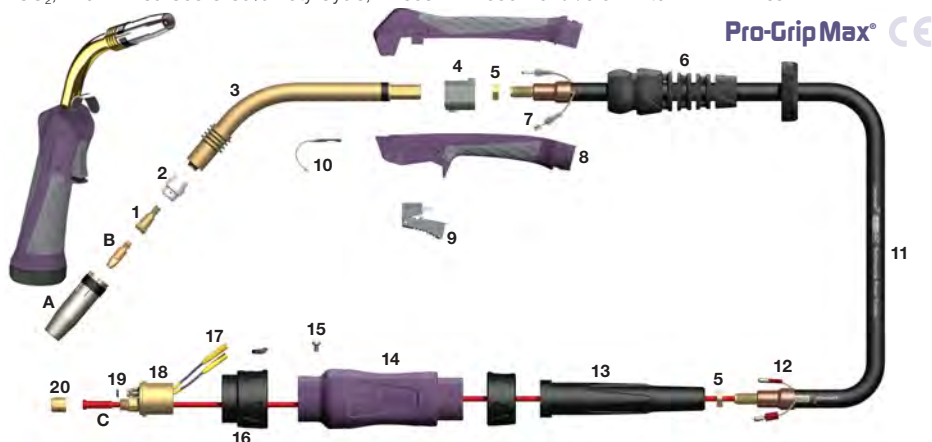
* Denotes Standard Build

Stock Code	Description
1 B1504	Shroud Spring
2 B1501FX	Swan Neck
3 B1515/PG	Handle Location Body
4 B1505	Lock Nut
5 B8015	Cable Support c/w Knuckle Joint
6 B1521	Cable Terminal
7 B8514	Pro-Grip Max® Handle Kit
8 B8516	Pro-Grip Max® Trigger
9 B2517	Hanger Hook
10 B1517-30	Hyperflex™ Cable Assembly x 3m
B1517-40	Hyperflex™ Cable Assembly x 4m
11 B1522	Cable Terminal-Male
12 B1841	Cable Support
13 B1518	Gun Plug Housing c/w Nut
14 B1526	Gun Plug Screw
15 B1519PL	Gun Plug Nut-Plastic c/w Insert
16 Spring Pin 2	Spring Pin Assembly
17 B1528	Gun Plug Body c/w Spring Pins
18 B1524	Gun Plug 'O' Ring
19 B1525	Liner Nut

Pro-Grip Max® 240A

Air Cooled MIG Torch

250A CO₂, 220A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO2400-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO2400-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO2400-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B2415	Cylindrical Nozzle 11/16"/17mm Bore
B2416*	Conical Nozzle 1/2"/13mm Bore
B2417	Tapered Nozzle 3/8"/10mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECU
B2504-10*	Contact Tip .040"/1.0mm M6 ECU
B2504-12	Contact Tip .045"/1.2mm M6 ECU
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C B1535-30	Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B1535-50	Steel Liner .023"-.035"/0.6mm-0.9mm x 5m
B2524-30*	Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40*	Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B2524-50*	Steel Liner .040"-.045"/1.0mm-1.2mm x 5m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-50	Teflon Liner .023"-.035"/0.6mm-0.9mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

Components

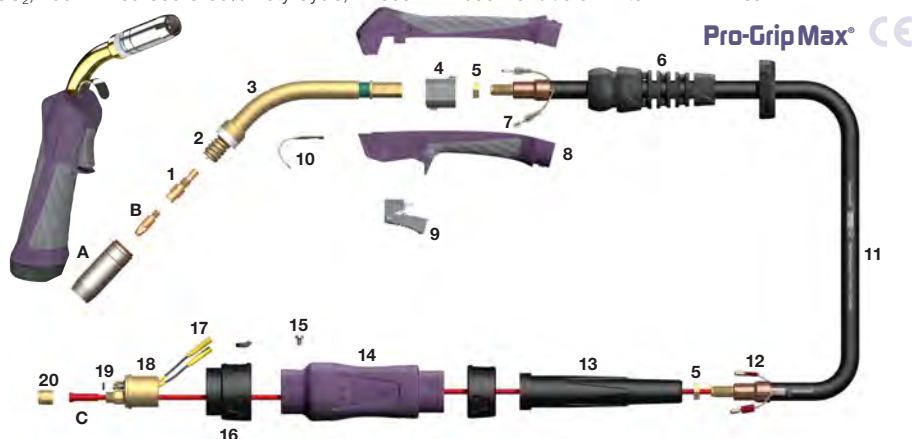
* Denotes Standard Build

Stock Code	Description
1 B2412	Tip Adaptor M6
2 B2405B	Diffuser Black
B2405C*	Diffuser Ceramic
B2405W	Diffuser White
3 B2401	Swan Neck
4 B1515/PG	Handle Location Body
5 B1505	Lock Nut
6 B8015	Cable Support c/w Knuckle Joint
7 B1521	Cable Terminal
8 B8514	Pro-Grip Max® Handle Kit
9 B8516	Pro-Grip Max® Trigger
10 B2517	Hanger Hook
11 B2603-30	Hyperflex™ Cable Assembly x 3m
B2603-40	Hyperflex™ Cable Assembly x 4m
B2603-50	Hyperflex™ Cable Assembly x 5m
12 B1522	Cable Terminal-Male
13 B2841	Cable Support
14 B1518	Gun Plug Housing c/w Nut
15 B1526	Gun Plug Screw
16 B1519	Gun Plug Nut c/w Insert
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 B1524	Gun Plug 'O' Ring
20 B1525	Liner Nut

Pro-Grip Max® 250A

Air Cooled MIG Torch

230A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO2500-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO2500-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO2500-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B2507	Cylindrical Nozzle 5/7"/18mm Bore
B2508*	Conical Nozzle 19/32"/15mm Bore
B2509	Tapered Nozzle 15/32"/12mm Bore
B2510	Bottle Nozzle 19/32"/15mm Bore
B2511	Spot Welding Nozzle 5/7"/18mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECu
B2504-09	Contact Tip .035"/0.9mm M6 ECu
B2504-10*	Contact Tip .040"/1.0mm M6 ECu
B2504-12	Contact Tip .045"/1.2mm M6 ECu
B2505-08	Contact Tip .030"/0.8mm CuCrZr
B2505-09	Contact Tip .035"/0.9mm CuCrZr
B2505-10	Contact Tip .040"/1.0mm CuCrZr
B2505-12	Contact Tip .045"/1.2mm CuCrZr

Liners

Stock Code	Description
C B1535-30	Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40	Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B1535-50	Steel Liner .023"-.035"/0.6mm-0.9mm x 5m
B2524-30*	Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40*	Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B2524-50*	Steel Liner .040"-.045"/1.0mm-1.2mm x 5m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m

Liners

* Denotes Standard Build

Stock Code	Description
B1536-50	Teflon Liner .023"-.035"/0.6mm-0.9mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

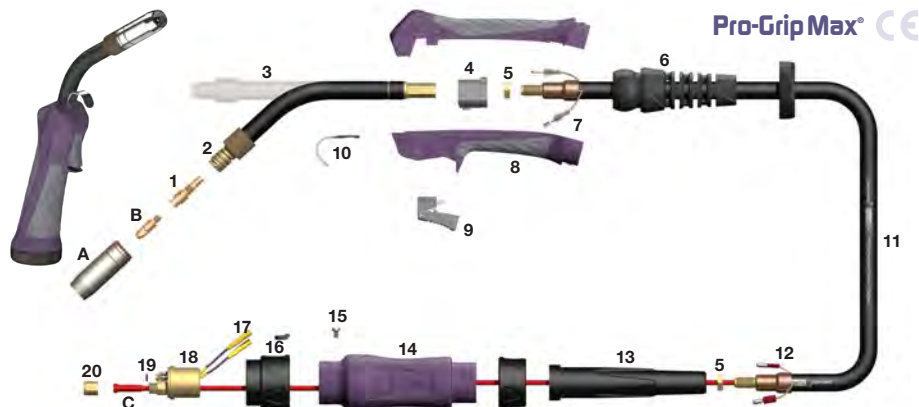
Components

Stock Code	Description
1 B2506*	Tip Adaptor M6
NI B2536	Tip Adaptor M8 (See M8 Tips)
2 B2502	Shroud Spring
3 B2501	Swan Neck
4 B1515/PG	Handle Location Body
5 B1505	Lock Nut
6 B8015	Cable Support c/w Knuckle Joint
7 B1521	Cable Terminal
8 B8514	Pro-Grip Max® Handle Kit
9 B8516	Pro-Grip Max® Trigger
10 B2517	Hanger Hook
11 B2503-30	Hyperflex™ Cable Assembly x 3m
B2503-40	Hyperflex™ Cable Assembly x 4m
B2503-50	Hyperflex™ Cable Assembly x 5m
12 B1522	Cable Terminal-Male
13 B2841	Cable Support
14 B1518	Gun Plug Housing c/w Nut
15 B1526	Gun Plug Screw
16 B1519	Gun Plug Nut c/w Insert
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 B1524	Gun Plug 'O' Ring
20 B1525	Liner Nut

Pro-Grip Max® 250A Flex

Air Cooled MIG Torch

230A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code Description

- PRO2500FX-30ERPro-Grip Max® Flex Welding Torch c/w Euro Fitting x 3m
PRO2500FX-40ERPro-Grip Max® Flex Welding Torch c/w Euro Fitting x 4m

Nozzles

Stock Code Description

- A B2507 Cylindrical Nozzle 5/7"/18mm Bore
B2508* Conical Nozzle 19/32"/15mm Bore
B2509 Tapered Nozzle 15/32"/12mm Bore
B2510 Bottle Nozzle 19/32"/15mm Bore
B2511 Spot Welding Nozzle 19/32"/15mm Bore

Contact Tips

Stock Code Description

- B B2504-08 Contact Tip .030"/0.8mm M6 ECu
B2504-10* Contact Tip .040"/1.0mm M6 ECu
B2504-12 Contact Tip .045"/1.2mm M6 ECu
B2505-08 Contact Tip .030"/0.8mm M6 CuCrZr
B2505-10 Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12 Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code Description

- C B1535-30 Steel Liner .023"-.035"/0.6mm-0.9mm x 3m
B1535-40 Steel Liner .023"-.035"/0.6mm-0.9mm x 4m
B2524-30* Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40* Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B1536-30 Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40 Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
B2513-30 Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40 Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m

Components

* Denotes Standard Build

Stock Code Description

- 1 B2506* Tip Adaptor M6
NI B2536 Tip Adaptor M8 (See M8 Tips)
2 B2502 Shroud Spring
3 B2501FX Swan Neck
4 B1515/PG Handle Location Body
5 B1505 Lock Nut
6 B8015 Cable Support c/w Knuckle Joint
7 B1521 Cable Terminal
8 B8514 Pro-Grip Max® Handle Kit
9 B8516 Pro-Grip Max® Trigger
10 B2517 Hanger Hook
11 B2503-30 Hyperflex™ Cable Assembly x 3m
B2503-40 Hyperflex™ Cable Assembly x 4m
12 B1522 Cable Terminal-Male
13 B2841 Cable Support
14 B1518 Gun Plug Housing c/w Nut
15 B1526 Gun Plug Screw
16 B1519 Gun Plug Nut c/w Insert
17 Spring Pin 2 Spring Pin Assembly
18 B1528 Gun Plug Body c/w Spring Pins
19 B1524 Gun Plug 'O' Ring
20 B1525 Liner Nut

Pro-Grip Max® 260A

Air Cooled MIG Torch

250A CO₂, 220A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO2600-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO2600-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO2600-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECu
B2504-09	Contact Tip .035"/0.9mm M6 ECu
B2504-10	Contact Tip .040"/1.0mm M6 ECu
B2504-12*	Contact Tip .045"/1.2mm M6 ECu
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-09	Contact Tip .035"/0.9mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C B2524-30*	Steel Liner .040"- .045"/1.0mm-1.2mm x 3m
B2524-40*	Steel Liner .040"- .045"/1.0mm-1.2mm x 4m
B2524-50*	Steel Liner .040"- .045"/1.0mm-1.2mm x 5m
B2513-30	Teflon Liner .040"- .045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"- .045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"- .045"/1.0mm-1.2mm x 5m

Components

* Denotes Standard Build

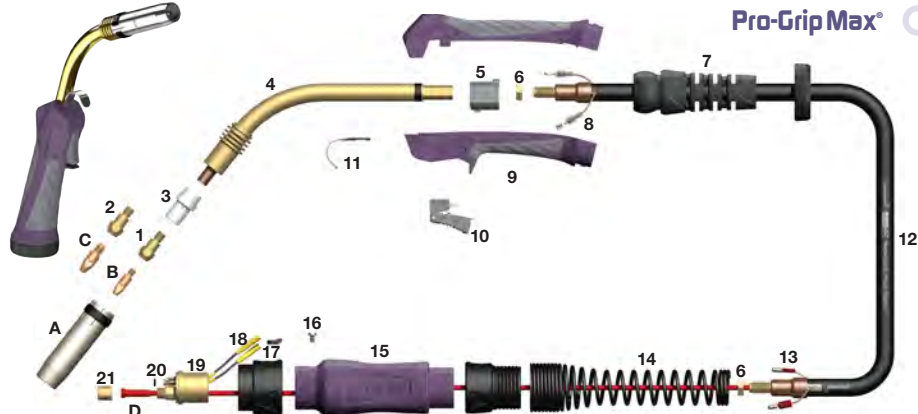
Stock Code	Description
1 B2612	Tip Adaptor M6
NI B2312MB	Tip Adaptor M8
2 B2605B	Diffuser Black
B2605C*	Diffuser Ceramic
B2605W	Diffuser White
3 B2601	Swan Neck
4 B1515/PG	Handle Location Body
5 B1505	Lock Nut
6 B8015	Cable Support c/w Knuckle Joint
7 B1521	Cable Terminal
8 B8514	Pro-Grip Max® Handle Kit
9 B8516	Pro-Grip Max® Trigger
10 B2517	Hanger Hook
11 B2603-30	Hyperflex™ Cable Assembly x 3m
B2603-40	Hyperflex™ Cable Assembly x 4m
B2603-50	Hyperflex™ Cable Assembly x 5m
12 B1522	Cable Terminal-Male
13 B2841	Cable Support
14 B1518	Gun Plug Housing c/w Nut
15 B1526	Gun Plug Screw
16 B1519	Gun Plug Nut c/w Insert
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 B1524	Gun Plug 'O' Ring
20 B1525	Liner Nut

Pro-Grip Max® 360A

Air Cooled MIG Torch

300A CO₂, 270A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires

Pro-Grip Max® CE



Models

Stock Code	Description
PRO3600-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO3600-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO3600-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B3615	Cylindrical Nozzle 3/4"/19mm Bore
B3616*	Conical Nozzle 5/8"/16mm Bore
B3617	Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B B2504-10	Contact Tip .040"/1.0mm M6 ECU
B2504-12*	Contact Tip .045"/1.2mm M6 ECU
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr
C B4014-10	Contact Tip .040"/1.0mm M8 ECU
B4014-12	Contact Tip .045"/1.2mm M8 ECU
B4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr

Liners

Stock Code	Description
D B2524-30*	Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40*	Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B2524-50*	Steel Liner .040"-.045"/1.0mm-1.2mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

Components

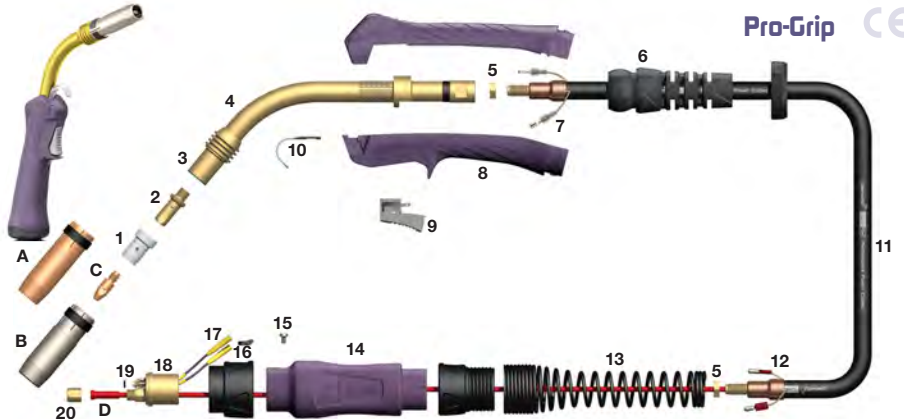
* Denotes Standard Build

Stock Code	Description
1 B3612*	Tip Adaptor 1.12"/28.5mm M6
2 B3614	Tip Adaptor 1.12"/28.5mm M8
NI B3613	Tip Adaptor 1.24"/31.5mm M6
3 B3605B	Diffuser Black
B3605C*	Diffuser Ceramic
B3605W	Diffuser White
4 B3603	Swan Neck
5 B1515/PG	Handle Location Body
6 B1505	Lock Nut
7 B8016	Cable Support c/w Knuckle Joint
8 B1521	Cable Terminal
9 B8514	Pro-Grip Max® Handle Kit
10 B8516	Pro-Grip Max® Trigger
11 B2517	Hanger Hook
12 B3609-30	Hyperflex™ Cable Assembly x 3m
B3609-40	Hyperflex™ Cable Assembly x 4m
B3609-50	Hyperflex™ Cable Assembly x 5m
13 B1522	Cable Terminal-Male
14 B8026	Spring Cable Support-Rear
15 B1518	Gun Plug Housing c/w Nut
16 B1526	Gun Plug Screw
17 B1519	Gun Plug Nut c/w Insert
18 Spring Pin 2	Spring Pin Assembly
19 B1528	Gun Plug Body c/w Spring Pins
20 B1524	Gun Plug 'O' Ring
21 B1525	Liner Nut

Pro-Grip® 380A

Air Cooled MIG Torch

350A CO₂, 320A Mixed Gas @ 60% Duty Cycle, EN60974-7 .045"-1/16"/1.2mm to 1.6mm Wires



Models

Stock Code	Description
B3800-30ER	Pro-Grip Torch Package c/w Euro Fitting x 3m
B3800-40ER	Pro-Grip Torch Package c/w Euro Fitting x 4m
B3800-50ER	Pro-Grip Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore
B B5028HD*	HD Conical Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
C B4014-12*	Contact Tip .045"/1.2mm M8 ECu
B4014-16	Contact Tip 1/16"/1.6mm M8 ECu
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
D B2524-30*	Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40*	Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B2524-50*	Steel Liner .040"-.045"/1.0mm-1.2mm x 5m
B3631-30	Steel Liner 1/16"/1.6mm x 3m
B3631-40	Steel Liner 1/16"/1.6mm x 4m
B3631-50	Steel Liner 1/16"/1.6mm x 5m Yellow
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m
B3626-50	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 5m

Components

* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B3812	Tip Adaptor M8
3 B3803	Insulating Washer
4 B3801	Swan Neck
5 B1505	Lock Nut
6 B3841	Cable Support
7 B1521	Cable Terminal
8 B4514	Pro-Grip Handle Kit
9 B8516	Pro-Grip Trigger
10 B2517	Hanger Hook
11 B3609-30	Hyperflex™ Cable Assembly x 3m
B3609-40	Hyperflex™ Cable Assembly x 4m
B3609-50	Hyperflex™ Cable Assembly x 5m
12 B1522	Cable Terminal-Male
13 B8026	Spring Cable Support-Rear
14 B1518	Gun Plug Housing c/w Nut
15 B1526	Gun Plug Screw
16 B1519	Gun Plug Nut c/w Insert
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 B1524	Gun Plug 'O' Ring
20 B1525	Liner Nut

Pro-Grip® 400A

Air Cooled MIG Torch

350A CO₂, 320A Mixed Gas @ 60% Duty Cycle, EN60974-7 .040"-3/32"/1.0mm to 2.4mm Wires



Models

Stock Code	Description
B4000-30ER	Pro-Grip Torch Package c/w Euro Fitting x 3m
B4000-40ER	Pro-Grip Torch Package c/w Euro Fitting x 4m
B4000-50ER	Pro-Grip Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B4017*	Conical Nozzle 5/7"/18mm Bore

Contact Tips

Stock Code	Description
B B4014-10	Contact Tip .040"/1.0mm M8 ECu
B4014-12*	Contact Tip .045"/1.2mm M8 ECu
B4014-16	Contact Tip 1/16"/1.6mm M8 ECu
B4014-24	Contact Tip .090"/2.4mm M8 ECu
B4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr
B4015-24	Contact Tip .090"/2.4mm M8 CuCrZr

Liners

Stock Code	Description
C B2524-30	Steel Liner .040"-.045"/1.0mm-1.2mm x 3m
B2524-40	Steel Liner .040"-.045"/1.0mm-1.2mm x 4m
B2524-50	Steel Liner .040"-.045"/1.0mm-1.2mm x 5m
B3631-30*	Steel Liner 1/16"/1.6mm x 3m
B3631-40*	Steel Liner 1/16"/1.6mm x 4m
B3631-50*	Steel Liner 1/16"/1.6mm x 5m Yellow
B4631-30	Steel Liner .080"-.090"/2.0mm-2.4mm x 3m
B4631-40	Steel Liner .080"-.090"/2.0mm-2.4mm x 4m
B4631-50	Steel Liner .080"-.090"/2.0mm-2.4mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

Components

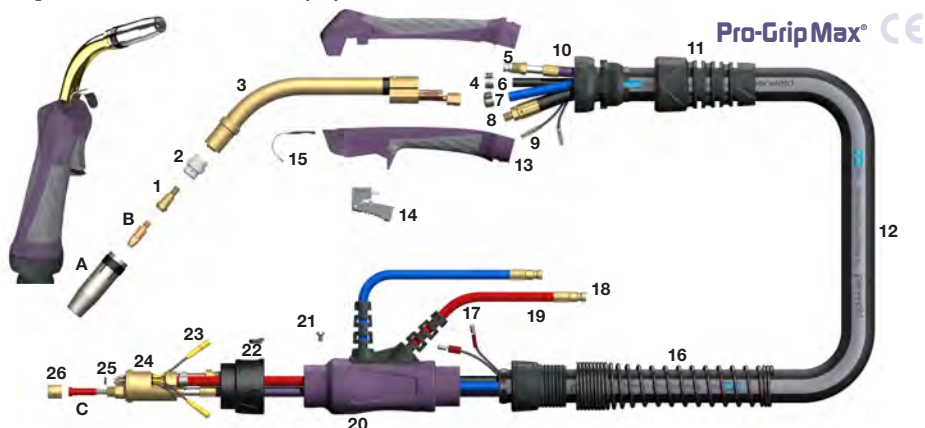
* Denotes Standard Build

Stock Code	Description
1 B4005	Tip Adaptor M8
2 B4003B	Diffuser Black
B4003C*	Diffuser Ceramic
3 B4002	Swan Neck
4 B4050	Lock Nut
5 B3841	Cable Support
6 B1521	Cable Terminal
7 B4514	Pro-Grip Handle Kit
8 B8516	Pro-Grip Trigger
9 B2517	Hanger Hook
10 B4010-30	Hyperflex™ Cable Assembly x 3m
B4010-40	Hyperflex™ Cable Assembly x 4m
B4010-50	Hyperflex™ Cable Assembly x 5m
11 B1522	Cable Terminal-Male
12 B8026	Spring Cable Support-Rear
13 B1518	Gun Plug Housing c/w Nut
14 B1526	Gun Plug Screw
15 B1519	Gun Plug Nut c/w Insert
16 Spring Pin 2	Spring Pin Assembly
17 B4038	Gun Plug Body c/w Spring Pins
18 B1524	Gun Plug 'O' Ring
19 B1525	Liner Nut

Pro-Grip Max® 240W

Water Cooled MIG Welding Torch

300A CO₂, 270A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO2400W-30ER	Pro-Grip Max® Torch c/w Euro Fitting x 3m
PRO2400W-40ER	Pro-Grip Max® Torch c/w Euro Fitting x 4m
PRO2400W-50ER	Pro-Grip Max® Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B2415	Cylindrical Nozzle 11/16"/17mm Bore
B2416*	Conical Nozzle 1/2"/13mm Bore
B2417	Tapered Nozzle 3/8"/10mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 Ecu
B2504-09	Contact Tip .035"/0.9mm M6 Ecu
B2504-10*	Contact Tip .040"/1.0mm M6 Ecu
B2504-12	Contact Tip .045"/1.2mm M6 Ecu
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-09	Contact Tip .035"/0.9mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C B5033-30*	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40*	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50*	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-50	Teflon Liner .023"-.035"/0.6mm-0.9mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m

Components

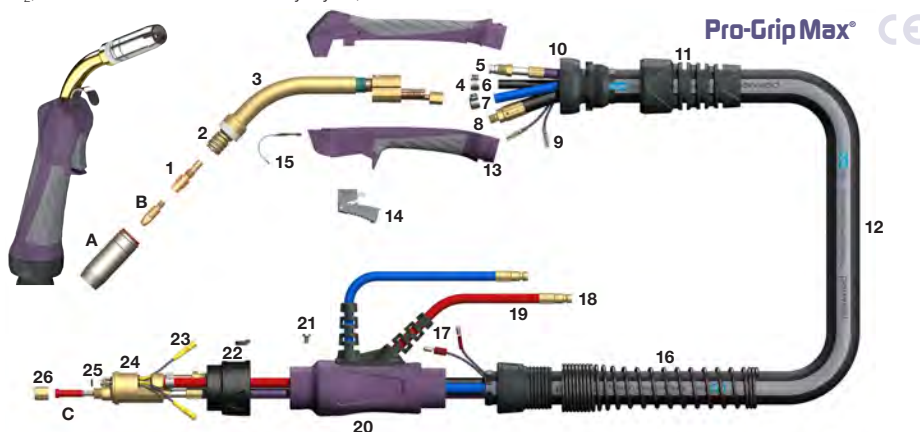
* Denotes Standard Build

Stock Code	Description
1 B2412	Tip Adaptor M6
2 B2405B	Diffuser Black
B2405C*	Diffuser Ceramic
B2405W	Diffuser White
3 B2409	Swan Neck
4 B5024	Water Hose Clamp 9.5mm
5 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
6 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
7 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
8 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
9 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
10 B8031	Ball Joint Assembly c/w Clamp
11 B8032	Spring Cable Support c/w Adaptor
12 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
13 B8594	Pro-Grip Max® Handle Kit
14 B8516	Pro-Grip Max® Trigger
15 B2517	Hanger Hook
16 B8027	Spring Cable Support-Rear
17 B1522	Cable Terminal-Male
18 B5023	Water Hose Nipple
19 B5017	Water Outlet Hose O/Braid
20 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
21 B1526	Gun Plug Screw
22 B1519	Gun Plug Nut c/w Insert
23 Spring Pin 2	Spring Pin Assembly
24 B5098	Gun Plug Body c/w Spring Pins
25 B1524	Gun Plug 'O' Ring
26 B1525	Liner Nut

Pro-Grip Max® 350W

Water Cooled MIG Welding Torch

320A CO₂, 280A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO3500-30ER	Pro-Grip Max® Torch c/w Euro Fitting x 3m
PRO3500-40ER	Pro-Grip Max® Torch c/w Euro Fitting x 4m
PRO3500-50ER	Pro-Grip Max® Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B2507	Cylindrical Nozzle 5/7"18mm Bore
B2508*	Conical Nozzle 19/32"15mm Bore
B2509	Tapered Nozzle 15/32"12mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECu
B2504-09	Contact Tip .035"/0.9mm M6 ECu
B2504-10*	Contact Tip .040"/1.0mm M6 ECu
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-09	Contact Tip .035"/0.9mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Liners

Stock Code	Description
C B5033-30*	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40*	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50*	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B1536-30	Teflon Liner .023"-.035"/0.6mm-0.9mm x 3m
B1536-40	Teflon Liner .023"-.035"/0.6mm-0.9mm x 4m
B1536-50	Teflon Liner .023"-.035"/0.6mm-0.9mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m

Components

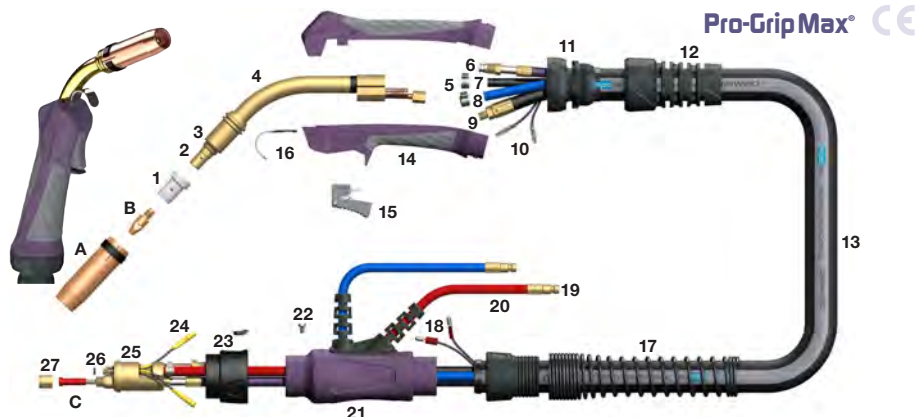
* Denotes Standard Build

Stock Code	Description
1 B2506	Tip Adaptor M6
2 B2502	Shroud Spring
3 B3501	Swan Neck
4 B5024	Water Hose Clamp 9.5mm
5 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
6 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
7 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
8 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
9 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
10 B8031	Ball Joint Assembly c/w Clamp
11 B8032	Spring Cable Support c/w Adaptor
12 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
13 B8594	Pro-Grip Max® Handle Kit
14 B8516	Pro-Grip Max® Trigger
15 B2517	Hanger Hook
16 B8027	Spring Cable Support-Rear
17 B1522	Cable Terminal-Male
18 B5023	Water Hose Nipple
19 B5017	Water Outlet Hose O/Braid
20 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
21 B1526	Gun Plug Screw
22 B1519	Gun Plug Nut c/w Insert
23 Spring Pin 2	Spring Pin Assembly
24 B5098	Gun Plug Body c/w Spring Pins
25 B1524	Gun Plug 'O' Ring
26 B1525	Liner Nut

Pro-Grip Max® 401W

Water Cooled MIG Welding Torch

400A CO₂, 350A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO4001-30ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 3m
PRO4001-40ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 4m
PRO4001-50ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B B4014-08	Contact Tip .030"/0.8mm M8 ECU
B4014-10	Contact Tip .040"/1.0mm M8 ECU
B4014-12*	Contact Tip .045"/1.2mm M8 ECU
B4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr

Liners

Stock Code	Description
C B5033-30*	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40*	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50*	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m

Components

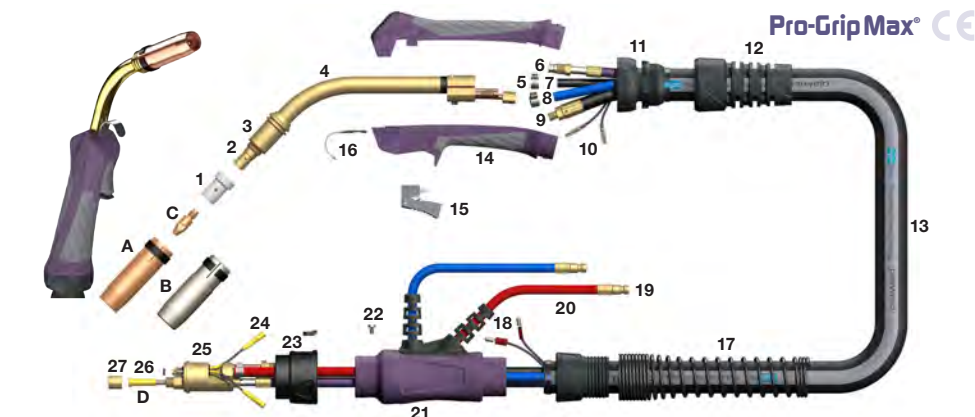
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5001	Tip Adaptor 1"/25mm M8
3 B5003	Insulating Washer
4 B4011	Swan Neck
5 B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
9 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B8594	Pro-Grip Max® Handle Kit
15 B8516	Pro-Grip Max® Trigger
16 B2517	Hanger Hook
17 B8027	Spring Cable Support-Rear
18 B1522	Cable Terminal-Male
19 B5023	Water Hose Nipple
20 B5017	Water Outlet Hose O/Braid
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
22 B1526	Gun Plug Screw
23 B1519	Gun Plug Nut c/w Insert
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 B1524	Gun Plug 'O' Ring
27 B1525	Liner Nut

Pro-Grip Max® 501W

Water Cooled MIG Welding Torch

520A CO₂, 430A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



Models

Stock Code	Description
PRO5000-30ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 3m
PRO5000-40ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 4m
PRO5000-50ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore
B B5028HD	HD Conical Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
C B4014-10	Contact Tip .040"/1.0mm M8 ECU
B4014-12*	Contact Tip .045"/1.2mm M8 ECU
B4014-16	Contact Tip 1/16"/1.6mm M8 ECU
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
D B5033-30	Plain Liner .040"- .045"/1.0mm-1.2mm x 3m
B5033-40	Plain Liner .040"- .045"/1.0mm-1.2mm x 4m
B5033-50	Plain Liner .040"- .045"/1.0mm-1.2mm x 5m
B5034-30*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 3m
B5034-40*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 4m
B5034-50	Plain Liner .045"-1/16"/1.2mm-1.6mm x 5m
B2513-30	Teflon Liner .040"- .045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"- .045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"- .045"/1.0mm-1.2mm x 5m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m
B3626-50	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 5m

Components

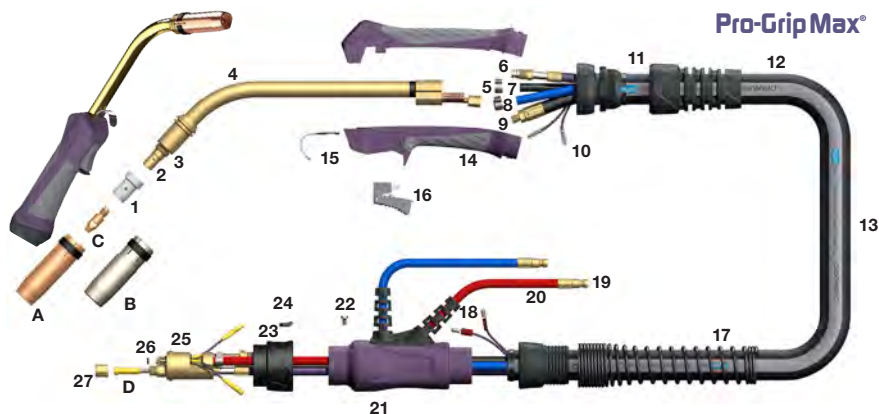
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5001	Tip Adaptor 1"/25mm M8
3 B5003	Insulating Washer
4 B5002	Swan Neck
5 B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
9 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B8594	Pro-Grip Max® Handle Kit
15 B8516	Pro-Grip Max® Trigger
16 B2517	Hanger Hook
17 B8027	Spring Cable Support-Rear
18 B1522	Cable Terminal-Male
19 B5023	Water Hose Nipple
20 B5017	Water Outlet Hose O/Braid
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
22 B1526	Gun Plug Screw
23 B1519	Gun Plug Nut c/w Insert
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 B1524	Gun Plug 'O' Ring
27 B1525	Liner Nut

Pro-Grip Max® 501W EXT

Water Cooled MIG Welding Torch

520A CO₂, 430A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



Models

Stock Code	Description
PRO500L-30ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 3m
PRO500L-40ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 4m
PRO500L-50ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore
B B5028HD	HD Conical Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
C B4014-10	Contact Tip .040"/1.0mm M8 ECU
B4014-12*	Contact Tip .045"/1.2mm M8 ECU
B4014-16	Contact Tip 1/16"/1.6mm M8 ECU
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
D B5033-30	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B5034-30*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 3m
B5034-40*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 4m
B5034-50*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m
B3626-50	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 5m

Components

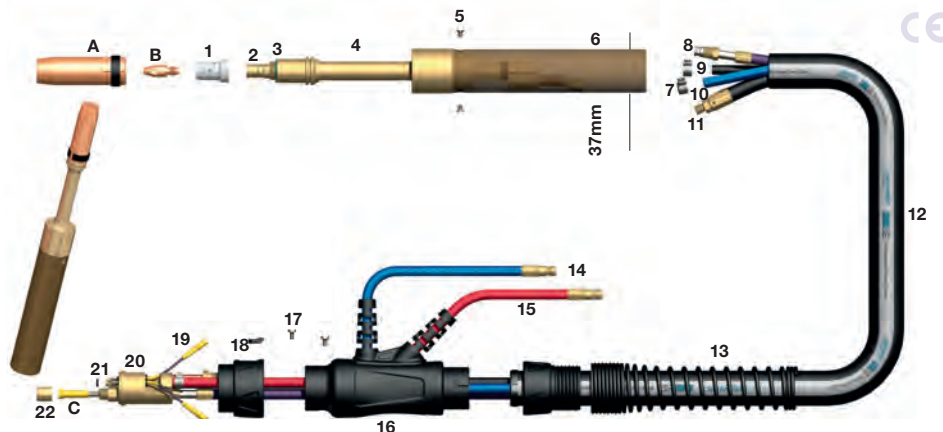
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5001	Tip Adaptor 1"/25mm M8
3 B5003	Insulating Washer
4 B5002L	Extended Length Swan Neck
5 B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
9 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B8594	Pro-Grip Max® Handle Kit
15 B2517	Hanger Hook
16 B8516	Pro-Grip Max® Trigger
17 B8027	Spring Cable Support-Rear
18 B1522	Cable Terminal-Male
19 B5023	Water Hose Nipple
20 B5017	Water Outlet Hose O/Braid
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
22 B1526	Gun Plug Screw
23 B1519	Gun Plug Nut c/w Insert
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 B1524	Gun Plug 'O' Ring
27 B1525	Liner Nut

SB 501W Auto

Water Cooled Automatic MIG Welding Torch

520A CO₂, 430A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



Models

Stock Code	Description
B5000-20A	Auto Welding Torch Package c/w Euro Fitting x 2m
B5000-30A	Auto Welding Torch Package c/w Euro Fitting x 3m
B5000-40A	Auto Welding Torch Package c/w Euro Fitting x 4m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B B4014-10	Contact Tip .040"/1.0mm M8 ECu
B4014-12*	Contact Tip .045"/1.2mm M8 ECu
B4014-16	Contact Tip 1/16"/1.6mm M8 ECu
B4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
C B5033-30	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5034-30*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 3m
B5034-40*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 4m
B4033-30	Plain Liner .080"-.090"/2.0mm-2.4mm x 3m
B4033-40	Plain Liner .080"-.090"/2.0mm-2.4mm x 4m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m

Components

* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5001	Tip Adaptor 1"/250.0mm M8
3 B5003	Insulating Washer
4 B5002A	Auto Straight Neck
5 B3629	Handle Screw
6 B3630	Automatic Handle
7 B5024	Water Hose Clamp 9.5mm
8 B5008-30	Outer Liner Assembly x 3m
B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
9 B5013-30	Gas Hose Assembly x 3m
B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
10 B5012-30	Water Inlet Hose Assembly x 3m
B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
11 B5015-30	Power Cable Assembly x 3m
B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
12 B5019-30	Canvas Cover Assembly x 3m
B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
13 B8027	Spring Cable Support-Rear
14 B5023	Water Hose Nipple
15 B5017	Water Outlet Hose O/Braid
16 B5022/BK	Gun Plug Housing c/w Locknut & Support-Black
17 B1526	Gun Plug Screw-Black
18 B1519/BK	Gun Plug Nut-Black
19 Spring Pin 2	Spring Pin Assembly
20 B5098	Gun Plug Body c/w Spring Pins
21 B1524	Gun Plug 'O' Ring
22 B1525	Liner Nut

Pro-Grip Max® 400W - NEW**Double Cooled Water Cooled MIG Welding Torch ideal for synergic and pulse applications**400A CO₂, 350A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires

Pro-Grip Max® CE

**Models**

Stock Code	Description
PRO4400-30ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 3m
PRO4400-40ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 4m
PRO4400-50ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B4408	Cylindrical Nozzle 3/4"/19mm Bore
B4407	Conical Nozzle 5/8"/16mm Bore
B4409	Tapered Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B B4014-10	Contact Tip .040"/1.0mm M8 ECu
B4014-12*	Contact Tip .045"/1.2mm M8 ECu
B4014-16	Contact Tip 1/16"/1.6mm M8 ECu
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
C B5033-30	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B5034-30*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 3m
B5034-40*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 4m
B5034-50	Plain Liner .045"-1/16"/1.2mm-1.6mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m
B3626-50	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 5m

Components

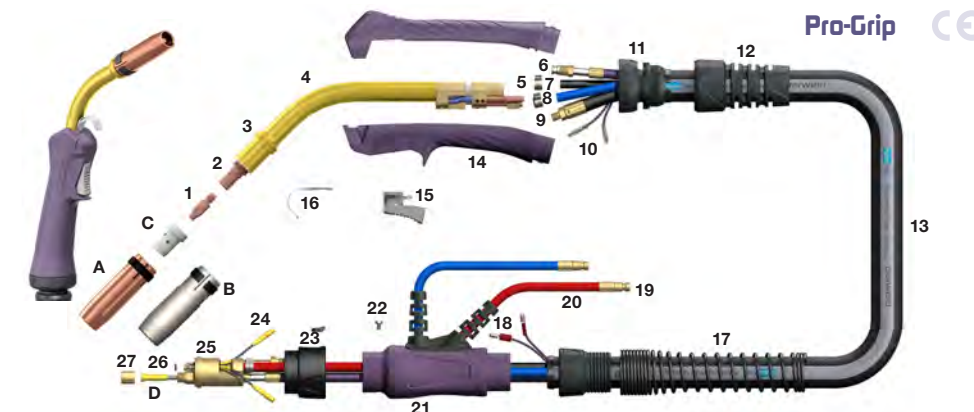
* Denotes Standard Build

Stock Code	Description
1 B4403	Isolating Ring
2 B5001	Tip Adaptor 1"/25mm M8
3 B4409	O Ring Pack
4 B4410	Nozzle Seat
5 B4402	Swan Neck
B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
9 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B8594	Pro-Grip Max® Handle Kit
15 B8516	Pro-Grip Max® Trigger
16 B2517	Hanger Hook
17 B8027	Spring Cable Support-Rear
18 B1522	Cable Terminal-Male
19 B5023	Water Hose Nipple
20 B5017	Water Outlet Hose O/Braid
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
22 B1526	Gun Plug Screw
23 B1519	Gun Plug Nut c/w Insert
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 B1524	Gun Plug 'O' Ring
27 B1525	Liner Nut

Pro-Grip® 550W - NEW

Double Cooled Water Cooled MIG Welding Torch ideal for synergic and pulse applications

550A CO₂, 500A Mixed Gas @ 100% Duty Cycle, EN60974-7 .030"-1/16"/0.8mm to 1.6mm Wires



Models

Stock Code	Description
B5500-30ER	Pro-Grip Torch Package c/w Euro Fitting x 3m
B5500-40ER	Pro-Grip Torch Package c/w Euro Fitting x 4m
B5500-50ER	Pro-Grip Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A B5027	Cylindrical Nozzle 3/4"/19mm Bore
B5028*	Conical Nozzle 5/8"/16mm Bore
B5029	Tapered Nozzle 9/16"/14mm Bore
B B5028HD	HD Conical Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
C B4014-10	Contact Tip .040"/1.0mm M8 ECU
B4014-12*	Contact Tip .045"/1.2mm M8 ECU
B4014-16	Contact Tip 1/16"/1.6mm M8 ECU
B4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
B4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

Liners

Stock Code	Description
D B5033-30	Plain Liner .040"-.045"/1.0mm-1.2mm x 3m
B5033-40	Plain Liner .040"-.045"/1.0mm-1.2mm x 4m
B5033-50	Plain Liner .040"-.045"/1.0mm-1.2mm x 5m
B5034-30*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 3m
B5034-40*	Plain Liner .045"-1/16"/1.2mm-1.6mm x 4m
B5034-50	Plain Liner .045"-1/16"/1.2mm-1.6mm x 5m
B2513-30	Teflon Liner .040"-.045"/1.0mm-1.2mm x 3m
B2513-40	Teflon Liner .040"-.045"/1.0mm-1.2mm x 4m
B2513-50	Teflon Liner .040"-.045"/1.0mm-1.2mm x 5m
B3626-30	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 3m
B3626-40	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 4m
B3626-50	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 5m

Components

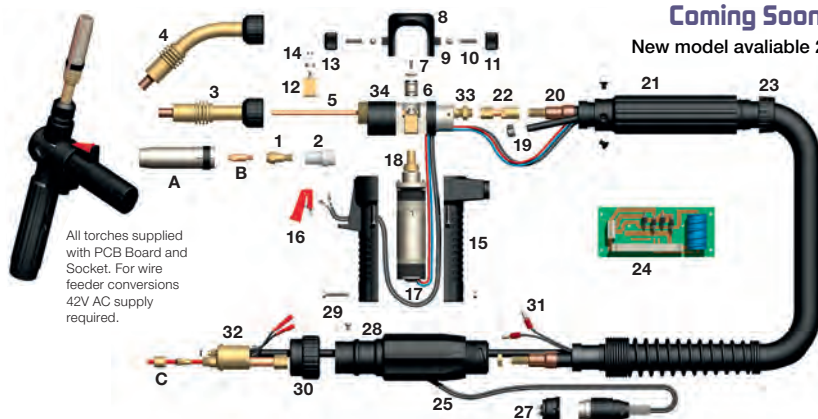
* Denotes Standard Build

Stock Code	Description
1 B5005B	Diffuser Black
B5005C*	Diffuser Ceramic
B5005W	Diffuser White
2 B5512	Tip Adaptor 1"/25mm M8 Copper
3 B5503	Insulating Washer
4 B5502	Swan Neck
5 B5024	Water Hose Clamp 9.5mm
6 B5008-40	Outer Liner Assembly x 4m
B5008-50	Outer Liner Assembly x 5m
7 B5013-40	Gas Hose Assembly x 4m
B5013-50	Gas Hose Assembly x 5m
8 B5012-40	Water Inlet Hose Assembly x 4m
B5012-50	Water Inlet Hose Assembly x 5m
9 B5015-40	Power Cable Assembly x 4m
B5015-50	Power Cable Assembly x 5m
10 B5010-40	Switch Lead Assembly x 4m
B5010-50	Switch Lead Assembly x 5m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
13 B5019-40	Canvas Cover Assembly x 4m
B5019-50	Canvas Cover Assembly x 5m
14 B4514	Handle Kit - Large
15 B8516	Trigger
16 B2517	Hanger Hook
17 B8027	Spring Cable Support-Rear
18 B1522	Cable Terminal-Male
19 B5023	Water Hose Nipple
20 B5017	Water Outlet Hose O/Braid
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
22 B1526	Gun Plug Screw
23 B1519	Gun Plug Nut c/w Insert
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 B1524	Gun Plug 'O' Ring
27 B1525	Liner Nut

PP 360A

Air Cooled MIG Welding Torch

300A CO₂, 270A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Coming Soon



New model available 2017

Models

Stock Code	Description
PP3600A-80	Push Pull Welding Torch 180° Neck x 8m Euro
PP3645A-80	Push Pull Welding Torch 45° Neck x 8m Euro

Nozzles

Stock Code	Description
A B3615	Cylindrical Nozzle 3/4"/19mm Bore
B3616*	Conical Nozzle 5/8"/16mm Bore
B3617	Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B B2504-09	Contact Tip .035"/0.9mm M6 ECu
B2504-10	Contact Tip .040"/1.0mm M6 ECu
B2504-12*	Contact Tip .045"/1.2mm M6 ECu

Liners

Stock Code	Description
C B1536-80	Teflon Liner .035"- .040"/0.6mm-0.9mm x 8m
B2513-80	Teflon Liner .040"- .045"/1.0mm-1.2mm x 8m
B3626-80	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 8m

Components

Stock Code	Description
1 B3612	Tip Adaptor 1.12"/28.5mm M6
2 B3605B	Diffuser Black
B3605C	Diffuser Ceramic
B3605W*	Diffuser White
3 B3638	Straight Neck
4 B3638-45	Swan Neck 45°
5 B3662	Contact Tube
6 B3656-08	Drive Roll 0.8mm
B3656-08A	Drive Roll 0.8mm Aluminium

Components

* Denotes Standard Build

Stock Code	Description
B3656-10	Drive Roll 1.0mm
B3656-10A	Drive Roll 1.0mm Aluminium
B3656-12	Drive Roll 1.2mm
B3656-12A*	Drive Roll 1.2mm Aluminium
B3656-16	Drive Roll 1.6mm
B3656-16A	Drive Roll 1.6mm Aluminium
7 B3649	Assorted Screw & Nut Pack
8 B3644	Snap On Head
9 B3645	Ball Bearing
10 B3646	Spring
11 B3647	Spring Cap
12 B3640	Pressure Arm
13 B3641	Pressure Roll
14 B3657	Retaining Washer
15 B3648T	Pair Of Handles
16 B1408/PP	Blade Switch Trigger
17 B3654	Motor 42V
18 B3655	Seating
19 B5013-80	Gas Hose Assembly x 8m
20 B3673	Power Cable Assembly x 8m
21 B3661	Cable Support
22 B3675	Power Cable Adaptor
23 B5035	Cable Support Nut
24 B3667	Printed Circuit Board 42 Volt
25 B3663-85	Control Cable Assembly x 8m
26 B3674	5 Pin Tuchel Plug
27 B3672	Socket For Push Pull Plug
28 B5022/BK	Gun Plug Housing
29 B1526	Gun Plug Screw
30 B1519/BK	Gun Plug Nut-Black
31 B1523	Gun Plug Terminal
32 B3666	Gun Plug Body
33 B3642	Inlet Guide
34 B3639	Torch Body

TWC Features and Benefits

Swan Necks

- A copper core provides excellent heat dissipation
- Stainless Steel Outer Jacket
- Durable and Robust

Contact Tips

- Manufactured using a harder and higher conductivity copper alloy than the OEM

Nozzles

Maximises Performance

- Manufactured from copper to enhance heat dissipation
- Adjustable tip recess
- Manufactured to the same specifications as the OEM

Ergonomic Handle

Maximises user comfort

- Ergonomic design for balance and strength
- Enhances wire feeding performance

Knuckle Joint

Improved Manoeuvrability

- Small movements of the handle and neck are possible independently of the cable assembly

Hanger Hooks

Easy to store

- Less prone to damage
- Encourages an efficient and tidy workspace

Cable Supports

Improved Wire Feed

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Hyperflex™ Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

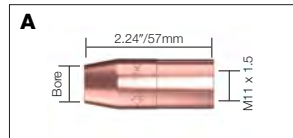
- Spring loaded pins
- Guaranteed gas seals

Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



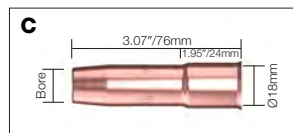
TWC Nozzles



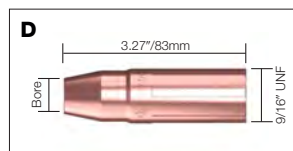
Stock Code	Description	Bore	Model
A 21-37	Nozzle	10mm/3/8"	PA No. 1
21-50	Nozzle	13mm/1/2"	PA No. 1
21-62	Nozzle	16mm/5/8"	PA No. 1



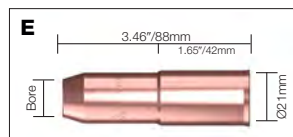
Stock Code	Description	Bore	Model
B 22-50	Nozzle Adjustable	13mm/1/2"	PA No. 2
22-62	Nozzle Adjustable	16mm/5/8"	PA No. 2



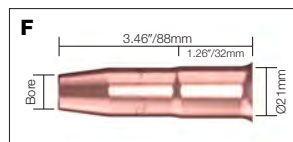
Stock Code	Description	Bore	Model
C 22-50SS	Nozzle Short Stop	13mm/1/2"	PA No. 2
22-62SS	Nozzle Short Stop	16mm/5/8"	PA No. 2



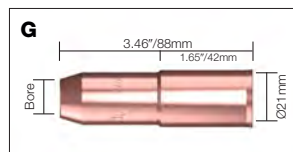
Stock Code	Description	Bore	Model
D 23-50	Nozzle	13mm/1/2"	PA No.2/3
23-62	Nozzle	16mm/5/8"	PA No. 2/3
23-75	Nozzle	19mm/3/4"	PA No. 2/3



Stock Code	Description	Bore	Model
E 24A-50	Nozzle Adjustable	13mm/1/2"	PA No. 3/4
24A-62	Nozzle Adjustable	16mm/5/8"	PA No. 3/4
24A-75	Nozzle Adjustable	19mm/3/4"	PA No. 3/4



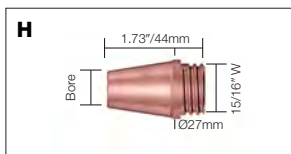
Stock Code	Description	Bore	Model
F 24A-50SS	Nozzle Short Stop	13mm/1/2"	PA No. 3/4
24A-62SS	Nozzle Short Stop	16mm/5/8"	PA No. 3/4



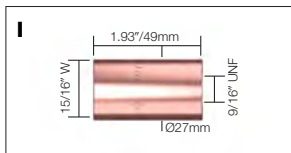
Stock Code	Description	Bore	Model
G 24AH-50	Nozzle Adj HD	13mm/1/2"	PA No. 4
24AH-62	Nozzle Adj HD	16mm/5/8"	PA No. 4
24AH-75	Nozzle Adj HD	19mm/3/4"	PA No. 4

Roll Marking

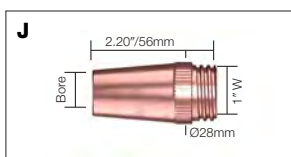
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



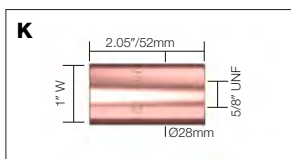
Stock Code	Description	Bore	Model
H 24CT-50S	Fixed Nozzle CT	13mm/1/2"	PA No. 2/3/4
24CT-62S	Fixed Nozzle CT	16mm/5/8"	PA No. 2/3/4
24CT-75S	Fixed Nozzle CT	19mm/3/4"	PA No. 2/3/4



Stock Code	Description	Model
I 34CT	Nozzle Insulator CT	PA No. 2/3/4

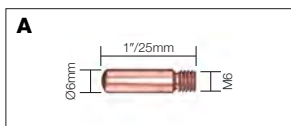


Stock Code	Description	Bore	Model
J 25CT-50	Fixed Nozzle CT	13mm/1/2"	PA No. 5
25CT-62	Fixed Nozzle CT	16mm/5/8"	PA No. 5
25CT-75	Fixed Nozzle CT	19mm/3/4"	PA No. 5

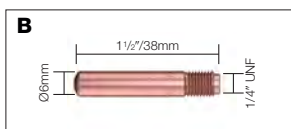


Stock Code	Description	Model
K 35CT	Nozzle Insulator CT	PA No. 5

TWC Contact Tips



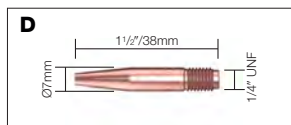
Stock Code	Description	Material	Wire Size	Model
A 11-23	Contact Tip	ECu	0.6mm/.023"	PA No. 1
11-30	Contact Tip	ECu	0.8mm/.030"	PA No. 1
11-35	Contact Tip	ECu	0.9mm/.035"	PA No. 1
11-40	Contact Tip	ECu	1.0mm/.040"	PA No. 1
11-45	Contact Tip	ECu	1.2mm/.045"	PA No. 1



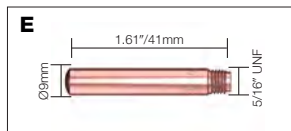
Stock Code	Description	Material	Wire Size	Model
B 14-23	Contact Tip	ECu	0.6mm/.023"	PA No. 2/3/4
14-30	Contact Tip	ECu	0.8mm/.030"	PA No. 2/3/4
14-35	Contact Tip	ECu	0.9mm/.035"	PA No. 2/3/4
14-40	Contact Tip	ECu	1.0mm/.040"	PA No. 2/3/4
14-45	Contact Tip	ECu	1.2mm/.045"	PA No. 2/3/4
14-52	Contact Tip	ECu	1.3mm/.052"	PA No. 2/3/4
14-116	Contact Tip	ECu	1.6mm/1/16"	PA No. 2/3/4
14-564	Contact Tip	ECu	2.0mm/5/64"	PA No. 2/3/4



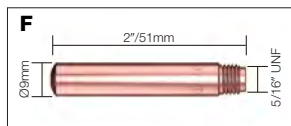
Stock Code	Description	Material	Wire Size	Model
C 14H-30	Contact Tip HD	ECu	0.8mm/.030"	PA No. 2/3/4
14H-35	Contact Tip HD	ECu	0.9mm/.035"	PA No. 2/3/4
14H-40	Contact Tip HD	ECu	1.0mm/.040"	PA No. 2/3/4
14H-45	Contact Tip HD	ECu	1.2mm/.045"	PA No. 2/3/4
14H-52	Contact Tip HD	ECu	1.3mm/.052"	PA No. 2/3/4
14H-116	Contact Tip HD	ECu	1.6mm/1/16"	PA No. 2/3/4
14H-564	Contact Tip HD	ECu	2.0mm/5/64"	PA No. 2/3/4
14AH-364	Contact Tip HD	ECu	1.2mm/.045"	PA No. 2/3/4
Al Wire				



Stock Code	Description	Material	Wire Size	Model
D 14T-35	Tip Tapered	ECu	0.9mm/.035"	PA No. 2/3/4
14T-45	Tip Tapered	ECu	1.2mm/.045"	PA No. 2/3/4
14T-52	Tip Tapered	ECu	1.3mm/.052"	PA No. 2/3/4

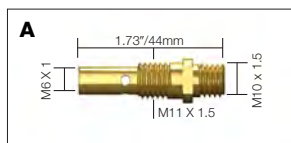


Stock Code	Description	Material	Wire Size	Model
E 15HFC-40	Tip Flux Cored	ECu	1.0mm/.040"	PA No. 5
15HFC-45	Tip Flux Cored	ECu	1.2mm/.045"	PA No. 5
15HFC-116	Tip Flux Cored	ECu	1.6mm/1/16"	PA No. 5
15HFC-564	Tip Flux Cored	ECu	2.0mm/5/64"	PA No. 5

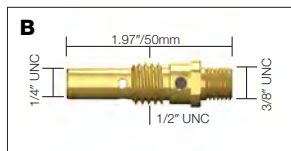


Stock Code	Description	Material	Wire Size	Model
F 15H-40	Contact Tip	ECu	1.0mm/.040"	PA No. 5
15H-45	Contact Tip	ECu	1.2mm/.045"	PA No. 5
15H-52	Contact Tip	ECu	1.3mm/.052"	PA No. 5
15H-116	Contact Tip	ECu	1.6mm/1/16"	PA No. 5
15H-564	Contact Tip	ECu	2.0mm/5/64"	PA No. 5
15H-332	Contact Tip	ECu	2.4mm/3/32"	PA No. 5

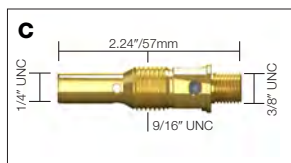
TWC Gas Diffusers



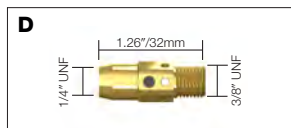
Stock Code	Description	Wire Size	Tip Thread	Model
A 51	Gas Diffuser	N/A	M6	PA No. 1
51-23	Gas Diffuser	0.6mm/.023"	M6	PA No. 1



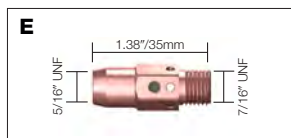
Stock Code	Description	Wire Size	Tip Thread	Model
B 52	Gas Diffuser	N/A	1/4" UNF	PA No. 2



Stock Code	Description	Wire Size	Tip Thread	Model
C 52FN	Gas Diffuser	N/A	1/4" UNF	PA No. 2



Stock Code	Description	Wire Size	Tip Thread	Model
D 54A	Gas Diffuser	N/A	1/4" UNF	PA No. 3, 4



Stock Code	Description	Wire Size	Tip Thread	Model
E 55H	Gas Diffuser	1.6mm/1/16"	5/16" UNF	PA No. 5
55SW	Gas Diffuser	2.0mm/5/64"	5/16" UNF	PA No. 5
55	Gas Diffuser	2.4mm/.095"	5/16" UNF	PA No. 5

TWC Liner Selector Chart

	Stock Code	Description	Length	Wire Size	Model						PA No. 5 Tweco End*
						PA No. 1	PA No. 2	PA No. 3	PA No. 4	PA No. 5	
A	42-3035-15	Steel Liner Conduit	15ft	.030"-.035"/0.8-0.9mm		■	■	□	□	□	
B	A42-3035-15	Steel Liner, Brass Nipple	15ft	.030"-.035"/0.8-0.9mm		■	■	□	□	□	
B	42N-3035-15	Nylon Liner, Brass Nipple	15ft	.030"-.035"/0.8-0.9mm		■	■	□	□	□	
A	42-4045-15	Steel Liner	15ft	.040"-.045"/1.0-1.2mm		■	■	□	□	□	
	42-4045-25	Steel Liner	25ft	.040"-.045"/1.0-1.2mm		■	■	□	□	□	
B	A42-4045-15	Steel Liner, Brass Nipple	15ft	.040"-.045"/1.0-1.2mm		■	■	□	□	□	
A	44-3545-15	Steel Liner	15ft	.035"-.045"/0.9-1.2mm				■	■	■	
	44-3545-25	Steel Liner	25ft	.035"-.045"/0.9-1.2mm				■	■	■	
B	A44-3545-15	Steel Liner, Brass Nipple	15ft	.035"-.045"/0.9-1.2mm				■	■	■	
	A44-3545-25	Steel Liner, Brass Nipple	25ft	.035"-.045"/0.9-1.2mm				■	■	■	
B	44N-3545-15	Nylon Liner, Brass Nipple	15ft	.040"-.045"/0.9-1.2mm		■	■	■	■	■	
C	44TF-3545-15	Teflon Liner	15ft	.045"/1.2mm		■	■	■	■	■	
A	44-116-15	Steel Liner	15ft	1/16"/1.6mm				■	■	■	
	44-116-25	Steel Liner	25ft	1/16"/1.6mm				■	■	■	
B	A44-116-15	Steel Liner, Brass Nipple	15ft	1/16"/1.6mm				■	■	■	
	A44-116-25	Steel Liner, Brass Nipple	25ft	1/16"/1.6mm				■	■	■	
C	44N-116-15	Nylon Liner	15ft	1/16"/1.6mm				■	■	■	
C	44TF-116-15	Teflon Liner	15ft	1/16"/1.6mm				■	■	■	
A	44-564-15	Steel Liner	15ft	5/64"/2.0mm				■	■	■	
B	A44-564-15	Steel Liner, Brass Nipple	15ft	5/64"/2.0mm				■	■	■	
A	44-332-15	Steel Liner	15ft	.095"/2.4mm						■	
D	45-3545-15	Steel Liner	15ft	.045"/1.2mm							■
E	A45-3545-15	Steel Liner, Brass Nipple	15ft	.045"/1.2mm							■
D	45-116-15	Steel Liner	15ft	1/16"/1.6mm							■
	45-116-25	Steel Liner	25ft	1/16"/1.6mm							■
E	A45-116-15	Steel Liner, Brass Nipple	15ft	1/16"/1.6mm							■
D	45-564-15	Steel Liner	15ft	5/64"/2.0mm							■
D	45-332-15	Steel Liner	15ft	3/32"/2.4mm							■
	45-332-25	Steel Liner	25ft	3/32"/2.4mm							■

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

All liners come with plastic nipples as standard unless specified.

*Torch models are not illustrated but are available to order as a Custom Build, please contact the sales office for more information.



PA No 1

Air Cooled MIG Welding Torch

180A CO₂ 125A Mixed Gas @ 60% Duty Cycle, EN60974-7.023"-.045"/0.6mm to 1.2mm Wires



Model

Stock Code	Description
1-10E	Torch Package x 10ft c/w Euro Fitting
1-12E	Torch Package x 12ft c/w Euro Fitting
1-15E	Torch Package x 15ft c/w Euro Fitting
1-10T	Torch Package x 10ft c/w Tweco Fitting
1-12T	Torch Package x 12ft c/w Tweco Fitting
1-15T	Torch Package x 15ft c/w Tweco Fitting

Nozzles

Stock Code	Description
A 21-37	Nozzle Self Insulated 3/8"/10mm Bore
21-50*	Nozzle Self Insulated 1/2"/13mm Bore
21-62	Nozzle Self Insulated 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B 11-23	Contact Tip .023"/0.6mm ECu
11-30*	Contact Tip .030"/0.8mm ECu
11-40	Contact Tip .040"/1.0mm ECu
11-45	Contact Tip .045"/1.2mm ECu

Liners

Stock Code	Description
C 42-3035-15*	Liner Conduit.030"-.035"/0.8-0.9mm x 15ft
42N-3035-15	Nylon Conduit.030"-.035"/0.8-0.9mm x 15ft
42-4045-15	Liner Conduit.040"-.045"/1.0-1.2mm x 15ft

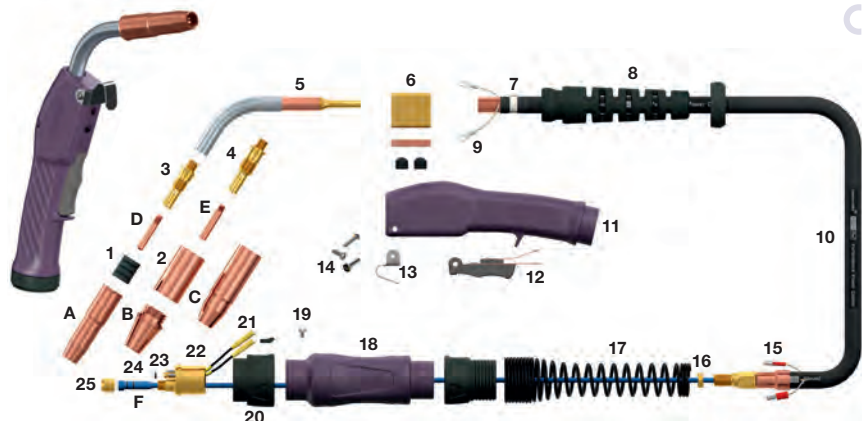
Components

* Denotes Standard Build

Stock Code	Description
1 51*	Gas Diffuser .030"-.045"/0.8-1.2mm Wire
51-23	Gas Diffuser .023"/0.6mm Wire
2 61-45	45° Conductor Tube
61-60*	60° Conductor Tube
3 71	Insulation Sleeve
4 61R	Retaining Nut
5 101	Cable Connector
6 T5044	Water Hose Clamp 18.5mm
7 T8011S	Spring Support c/w Ball Joint
8 T1521	Control Wire Terminals
9 100-10E	Hyperflex™ Cable Assembly x 10ft Euro
100-12E	Hyperflex™ Cable Assembly x 12ft Euro
100-15E	Hyperflex™ Cable Assembly x 15ft Euro
100-10	Hyperflex™ Cable Assembly x 10ft Tweco
100-12	Hyperflex™ Cable Assembly x 12ft Tweco
100-15	Hyperflex™ Cable Assembly x 15ft Tweco
10 81	Black Handle Case
11 91C	Switch Blades
12 91	Trigger c/w Switch Blades
13 122FM	Screw Kit
14 T1522	Cable Terminal Male
15 T1542	Lock Nut
16 T2841	Cable Support
17 X6RC	Gun Plug Housing c/w Nut
18 4M-S	Gun Plug Screw
19 174X-2	Gun Plug Nut c/w Insert
20 Spring Pin 2	Spring Pin Assembly
21 174EX-1	Gun Plug Body c/w Spring Pin
22 174EX-1G	Gun Plug 'O' Ring
23 T9001	Liner Nipple 'O' Ring
24 T1577	Liner Retaining Nut

PA No 2

Air Cooled MIG Welding Torch

200A CO₂ 150A Mixed Gas @ 60% Duty Cycle, EN60974-7, .023"-.045"/0.6mm to 1.2mm Wires

Model

Stock Code	Description
2-10E	Torch Package x 10ft c/w Euro Fitting
2-12E	Torch Package x 12ft c/w Euro Fitting
2-15E	Torch Package x 15ft c/w Euro Fitting
2-10T	Torch Package x 10ft c/w Tweco Fitting
2-12T	Torch Package x 12ft c/w Tweco Fitting
2-15T	Torch Package x 15ft c/w Tweco Fitting

Nozzles

Stock Code	Description
A 22-50	Nozzle Adjustable 1/2"/13mm Bore
22-62*	Nozzle Adjustable 5/8"/16mm Bore
B 24CT-50S	Fixed Nozzle Coarse 1/2"/13mm Bore
24CT-62S	Fixed Nozzle Coarse 5/8"/16mm Bore
24CT-75S	Fixed Nozzle Coarse 3/4"/19mm Bore
C 23-50	Nozzle Self Insulated 1/2"/13mm Bore
23-62	Nozzle Self Insulated 5/8"/16mm Bore
23-75	Nozzle Self Insulated 3/4"/19mm Bore

Contact Tips

Stock Code	Description
D 14-23	Contact Tip .023"/0.6mm ECu
14-30*	Contact Tip .030"/0.8mm ECu
14-40	Contact Tip .040"/1.0mm ECu
14-45	Contact Tip .045"/1.2mm ECu
E 14H-30	Contact Tip .030"/0.8mm ECu HD
14H-40	Contact Tip .040"/1.0mm ECu HD
14H-45	Contact Tip .045"/1.2mm ECu HD

Liners

Stock Code	Description
F 42-3035-15*	Liner Conduit .030"-.035"/0.8-0.9mm x 15ft
42-4045-15	Liner Conduit .040"-.045"/1.2mm x 15ft
42N-3035-15	Nylon Conduit .030"-.035"/0.8-0.9mm x 15ft

Components

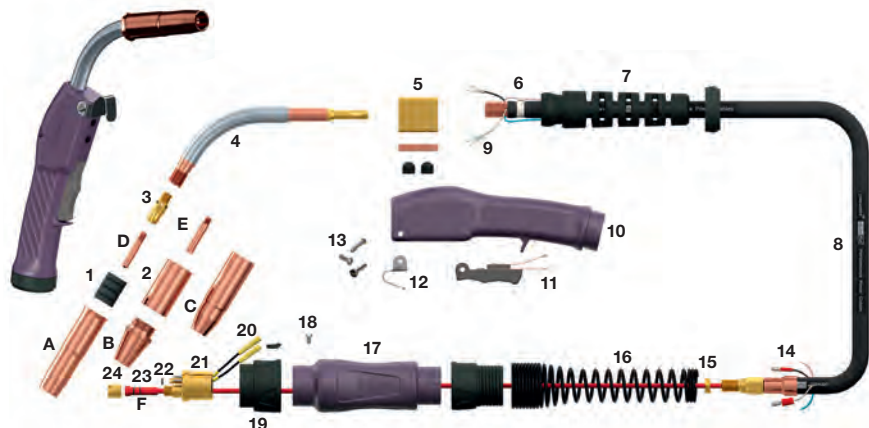
* Denotes Standard Build

Stock Code	Description
1 32"	Adjustable Nozzle Insulator
2 34CT	Nozzle Insulator Coarse Thread (24CT Nozzles)
3 52"	Gas Diffuser
4 52FN	Gas Diffuser Coarse Thread Nozzle Insulator
5 62A45	45° Conductor Tube
6 62J60*	60° Conductor Tube
6 102	Block c/w Spacer & Screws
7 T5044	Cable Clamp
8 T2008	Ball Joint Cable Support
9 244T	Control Wire Terminals
10 200-10E	Hyperflex™ Cable Assembly x 10ft Euro
200-12E	Hyperflex™ Cable Assembly x 12ft Euro
200-15E	Hyperflex™ Cable Assembly x 15ft Euro
200-10	Hyperflex™ Cable Assembly x 10ft Tweco
200-12	Hyperflex™ Cable Assembly x 12ft Tweco
200-15	Hyperflex™ Cable Assembly x 15ft Tweco
11 B82HK	Handle Kit c/w Screws and Support
12 B92	Trigger Switch
13 152	Hanger Hook
14 122FMK	Screw Kit
15 T1522	Cable Terminal Male
16 T1542	Lock Nut
17 T2841	Spring Cable Support
18 X6RC	Gun Plug Housing c/w Nut
19 4M-S	Gun Plug Screw
20 174X-2	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 174EX-1	Gun Plug Body c/w Spring Pins
23 174EX-1G	Gun Plug 'O' Ring
24 T9001	Liner Nipple 'O' Ring
25 T1577	Liner Retaining Nut

PA No 3

Air Cooled MIG Welding Torch

300A CO₂ 250A Mixed Gas @ 60% Duty Cycle, EN60974-7, .030"-1/16"/0.8mm to 1.6mm Wires



Model

Stock Code	Description
3-10E	Torch Package x 10ft c/w Euro Fitting
3-12E	Torch Package x 12ft c/w Euro Fitting
3-15E	Torch Package x 15ft c/w Euro Fitting
3-10T	Torch Package x 10ft c/w Tweco Fitting
3-12T	Torch Package x 12ft c/w Tweco Fitting
3-15T	Torch Package x 15ft c/w Tweco Fitting

Nozzles

Stock Code	Description
A 24A-50	Nozzle Adjustable 1/2"/13mm Bore
24A-62*	Nozzle Adjustable 5/8"/16mm Bore
B 24CT-50S	Fixed Nozzle Coarse 1/2"/13mm Bore
24CT-62S	Fixed Nozzle Coarse 5/8"/16mm Bore
24CT-75S	Fixed Nozzle Coarse 3/4"/19mm Bore
C 23-50	Nozzle Self Insulated 1/2"/13mm Bore
23-62	Nozzle Self Insulated 5/8"/16mm Bore
23-75	Nozzle Self Insulated 3/4"/19mm Bore

Contact Tips

Stock Code	Description
D 14-30	Contact Tip .030"/0.8mm ECu
14-40*	Contact Tip .040"/1.0mm ECu
14-45	Contact Tip .045"/1.2mm ECu
E 14H-40	Contact Tip .040"/1.0mm ECu HD
14H-45	Contact Tip .045"/1.2mm ECu HD
14H-116	Contact Tip 1/16"/1.6mm ECu HD

Liners

Stock Code	Description
F 44-3545-15*	Liner Conduit.035"-.045"/0.9-1.2mm x 15ft
44-116-15	Liner Conduit 1/16"/1.6mm x 15ft
44N-3545-15	Nylon Conduit.035"-.045"/0.9-1.2mm x 15ft
F 44N-116-15	Nylon Conduit 1/16"/1.6mm x 15ft

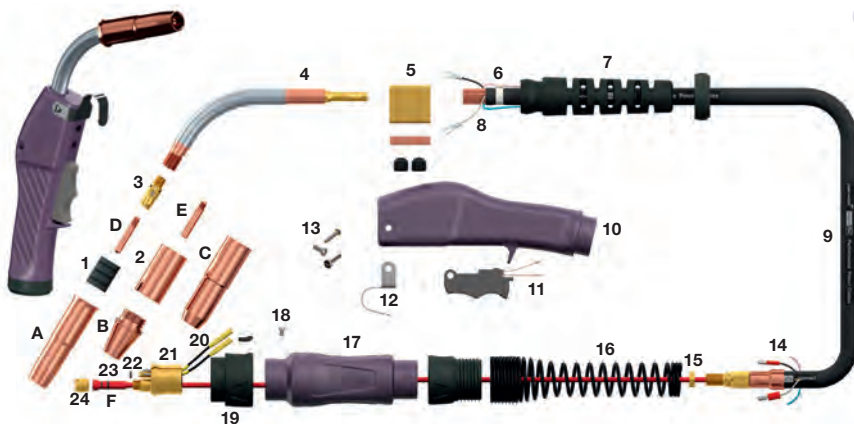
Components

* Denotes Standard Build

Stock Code	Description
1 34A*	Adjustable Nozzle Insulator
2 34CT	Nozzle Insulated Coarse Thread
3 54A*	Gas Diffuser
4 63J45	45° Conductor Tube
4 63J60*	60° Conductor Tube
5 102	Block c/w Spacer & Screws
6 132-12	Cable Clamp
7 T3008	Ball Joint Cable Support
8 300-10E	Hyperflex™ Cable Assembly x 10ft Euro
300-12E	Hyperflex™ Cable Assembly x 12ft Euro
300-15E	Hyperflex™ Cable Assembly x 15ft Euro
300-10	Hyperflex™ Cable Assembly x 10ft Tweco
300-12	Hyperflex™ Cable Assembly x 12ft Tweco
300-15	Hyperflex™ Cable Assembly x 15ft Tweco
9 244T	Control Wire Terminals
10 B83HK	Handle c/w Screws & Support
11 B92	Trigger Switch
12 152	Hanger Hook
13 122FMK	Screw Kit
14 T1522	Cable Terminal Male
15 T1542	Lock Nut
16 T8026	Spring Cable Support
17 X6RC	Gun Plug Housing c/w Nut
18 4M-S	Gun Plug Screw
19 174X-2	Gun Plug Nut c/w Insert
20 Spring Pin 2	Spring Pin Assembly
21 174EX-1	Gun Plug Body c/w Spring Pins
22 174EX-1G	Gun Plug 'O' Ring
23 T9001	Liner Nipple 'O' Ring
24 T1577	Liner Retaining Nut

PA No 4

Air Cooled MIG Welding Torch

400A CO₂ 350A Mixed Gas @ 60% Duty Cycle, EN60974-7, .030"-5/64"/0.8mm to 2.0mm Wires

Model

Stock Code	Description
ECO4-15E	Eco Torch Package x 15ft c/w Euro Fitting
4-10E	Torch Package c/w Euro Fitting
4-15E	Torch Package c/w Euro Fitting
4-10T	Welding Torch c/w Tweco Fitting
4-15T	Welding Torch c/w Tweco Fitting

Nozzles

Stock Code	Description
A 24A-50	Nozzle Adjustable 1/2"/13mm Bore
24A-62*	Nozzle Adjustable 5/8"/16mm Bore
24A-75	Nozzle Adjustable 3/4"/19mm Bore
B 24CT-50S	Fixed Nozzle Coarse 1/2"/13mm Bore
24CT-62S	Fixed Nozzle Coarse 5/8"/16mm Bore
24CT-75S	Fixed Nozzle Coarse 3/4"/19mm Bore
C 24AH-50	Nozzle Adjustable HD 1/2"/13mm Bore
24AH-62	Nozzle Adjustable HD 5/8"/16mm Bore
24AH-75	Nozzle Adjustable HD 3/4"/19mm Bore

Contact Tips

Stock Code	Description
D 14-40	Contact Tip .040"/1.0mm ECU
14-45*	Contact Tip .045"/1.2mm ECU
14-116	Contact Tip 1/16"/1.6mm ECU
E 14H-40	Contact Tip .040"/1.0mm ECU HD
14H-45	Contact Tip .045"/1.2mm ECU HD
14H-116	Contact Tip 1/16"/1.6mm ECU HD
14H-564	Contact Tip 5/64"/2.0mm ECU HD

Liners

Stock Code	Description
F 44-3545-15*	Liner Conduit .035"-.045"/0.9-1.2mm x 15ft
44-116-15	Liner Conduit 1/16"/1.6mm x 15ft

Liners

* Denotes Standard Build

Stock Code	Description
44-564-15	Liner Conduit 5/64"/2.0mm x 15ft
44N-116-15	Nylon Conduit 1/16"/1.6mm x 15ft

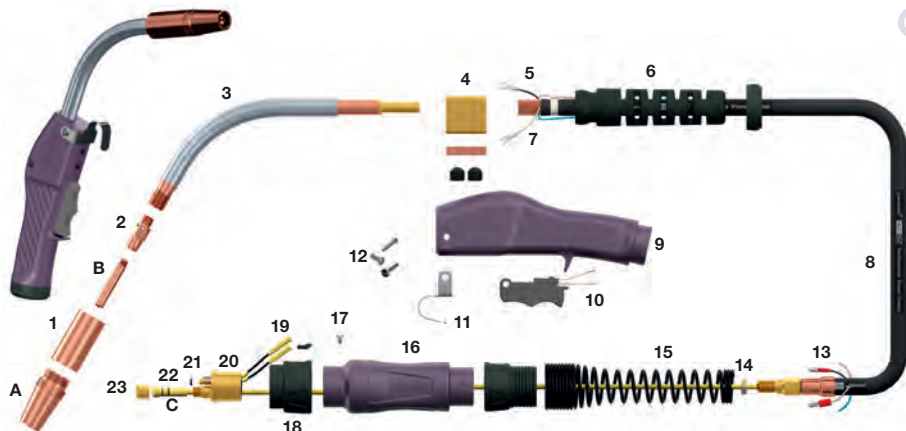
Components

Stock Code	Description
1 34A*	Adjustable Nozzle Insulator
2 34CT	Nozzle Insulated Coarse Thread
3 54A*	Gas Diffuser
4 64J45	45° Conductor Tube
64J60*	60° Conductor Tube
5 104	Connection Block c/w Spacer & Screws
6 132-12	Cable Clamp
7 T3008	Ball Joint Cable Support
8 244T	Control Wire Terminals
9 400-10E	Hyperflex™ Cable Assembly x 10ft Euro
400-15E	Hyperflex™ Cable Assembly x 15ft Euro
400-10	Hyperflex™ Cable Assembly x 10ft Tweco
400-15	Hyperflex™ Cable Assembly x 15ft Tweco
10 B84HK	Handle c/w Screws & Support
11 B94R	Trigger Switch
94C	Trigger Blades Only
12 154	Hanger Hook
13 124FMK	Screw Kit
14 T1522	Cable Terminal Male
15 T1542	Lock Nut
16 T8026	Spring Cable Support
17 X6RC	Gun Plug Housing c/w Nut
18 4M-S	Gun Plug Screw
19 174X-2	Gun Plug Nut c/w Insert
20 Spring Pin 2	Spring Pin Assembly
21 174EX-1	Gun Plug Body c/w Spring Pins
22 174EX-1G	Gun Plug 'O' Ring
23 T9001	Liner Nipple 'O' Ring
24 T1577	Liner Retaining Nut

PA No 5

Air Cooled MIG Welding Torch

500A CO₂ 400A Mixed Gas @ 60% Duty Cycle, EN60974-7, .040"-3/32"/1.0mm to 2.4mm Wires



TWC

Model

Stock Code	Description
5-10E	Torch Package x 10ft c/w Euro Fitting
5-12E	Torch Package x 12ft c/w Euro Fitting
5-15E	Torch Package x 15ft c/w Euro Fitting
5-10T	Torch Package x 10ft c/w Tweco Fitting
5-12T	Torch Package x 12ft c/w Tweco Fitting
5-15T	Torch Package x 15ft c/w Tweco Fitting

Nozzles

Stock Code	Description
A 25CT-50	Fixed Nozzle Coarse 1/2"/13mm Bore
25CT-62*	Fixed Nozzle Coarse 5/8"/16mm Bore
25CT-75	Fixed Nozzle Coarse 3/4"/19mm Bore

Contact Tips

Stock Code	Description
B 15H-40	Contact Tip .040"/1.0mm ECu
15H-45	Contact Tip .045"/1.2mm ECu
15H-116*	Contact Tip 1/16"/1.6mm ECu
15H-564	Contact Tip 5/64"/2.0mm ECu
15H-332	Contact Tip 3/32"/2.4mm ECu
15HFC-45	Contact Tip .045"/1.2mm ECu Flux Cored
15HFC-116	Contact Tip 1/16"/1.6mm ECu Flux Cored
15HFC-564	Contact Tip 5/64"/2.0mm ECu Flux Cored

Liners

Stock Code	Description
C 44-3545-15	Liner Conduit .035"-.045"/0.9-1.2mm x 15ft
44-116-15*	Liner Conduit 1/16"/1.6mm x 15ft
44-564-15	Liner Conduit 5/64"/2.0mm x 15ft
45-3545-15	Liner Conduit .035"-.045"/0.9-1.2mm x 15ft
45-116-15*	Liner Conduit 1/16"/1.6mm x 15ft Tweco
45-564-15	Liner Conduit 5/64"/2.0mm x 15ft Tweco
45-332-15	Liner Conduit 3/32"/2.4mm x 15ft Tweco

Components

* Denotes Standard Build

Stock Code	Description
1 35CT*	Nozzle Insulator Coarse Thread
2 55SW*	Gas Diffuser 5/64"/2.0mm Wire
55	Gas Diffuser 3/32"/2.4mm Wire
55H	Gas Diffuser 1/16"/1.6mm Wire
3 65J45	45° Conductor Tube
65J60*	60° Conductor Tube
4 104	Connection Block c/w Spacer & Screws
5 T5049	Cable Clamp
6 T4008	Ball Joint Cable Support
7 244T	Control Wire Terminals
8 500-10E	Hyperflex™ Cable Assembly x 10ft Euro
500-12E	Hyperflex™ Cable Assembly x 12ft Euro
500-15E	Hyperflex™ Cable Assembly x 15ft Euro
500-10	Hyperflex™ Cable Assembly x 10ft Tweco
500-12	Hyperflex™ Cable Assembly x 12ft Tweco
500-15	Hyperflex™ Cable Assembly x 15ft Tweco
9 B85HK	Handle Kit c/w Screws and Support
10 B94R	Trigger Switch
10 94C	Trigger Blades Only
11 154	Hanger Hook
12 124FMK	No. 4 & 5 Screw Kit
13 T1522	Cable Terminal Male
14 T1542	Lock Nut
15 T8026	Spring Cable Support
16 X6RC	Gun Plug Housing c/w Nut
17 4M-S	Gun Plug Screw
18 174X-2	Gun Plug Nut c/w Insert
19 Spring Pin 2	Spring Pin Assembly
20 174EX-1	Gun Plug Body c/w Spring Pins
21 174EX-1G	Gun Plug 'O' Ring
22 T9001	Liner Nipple 'O' Ring
23 T1577	Liner Retaining Nut

BND Features and Benefits

Swan Necks

- High temperature resistant insulation materials reduces the risk of shorting
- Metal Outer Jacket
- Swivel Neck

Contact Tips

- Manufactured using a harder and higher conductivity copper alloy than the OEM
- Elliptical locking system

Nozzles Maximises Performance

- Brass nozzles reduce spatter build up
- Manufactured to the same specifications as the OEM

Ergonomically Superior Handle

- External ribs provide an improved grip
- Designed for balance, lightness and strength
- Enhances wire feeding performance
- Provides greater trigger protection

Cable Supports Improved Wire Feed

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Hanger Hooks Easy to store

- Less prone to damage
- Encourages an efficient and tidy workspace

Knuckle Joint Improved Manoeuvrability

- Small movements of the handle and neck are possible independently of the cable assembly

Hyperflex™ Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

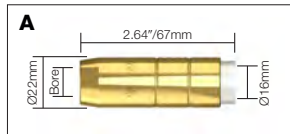
- Spring loaded pins
- Guaranteed gaseals

Quality Standards

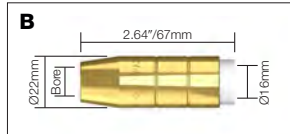
All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



BND Nozzles



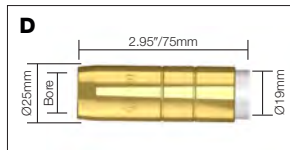
Stock Code	Description	Bore	Model
A 4391	Brass Nozzle	16mm/5/8"	PEZ 200E-350A, PEZ G
4393	Copper Nozzle	16mm/5/8"	PEZ 200E-350A, PEZ G



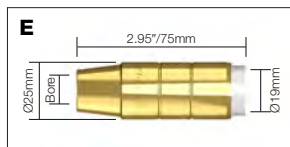
Stock Code	Description	Bore	Model
B 4392	Brass Nozzle	13mm/1/2"	PEZ 200E-350A, PEZ G
4394	Copper Nozzle	13mm/1/2"	PEZ 200E-350A, PEZ G



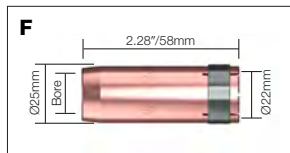
Stock Code	Description	Bore	Model
C 4295	Brass Nozzle Pipeline	10mm/3/8"	PEZ 200E-350A, PEZ G



Stock Code	Description	Bore	Model
D 4491	Brass Nozzle	19mm/3/4"	PEZ 400E- H/F
4591	Copper Nozzle	19mm/3/4"	PEZ 400E- H/F



Stock Code	Description	Bore	Model
E 4492	Brass Nozzle	14mm/9/16"	PEZ 400E- H/F
4592	Copper Nozzle	14mm/9/16"	PEZ 400E- H/F

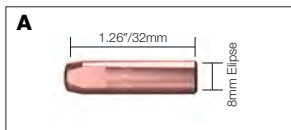


Stock Code	Description	Bore	Model
F 5627	Copper Nozzle	19mm/3/4"	PEZ 400W

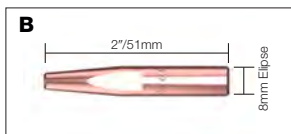
Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

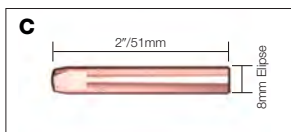
BND Contact Tips



Stock Code	Description	Material	Wire Size	Model
A 7497	Contact Tip	ECu	0.6mm/.023"	Range
7488	Contact Tip	ECu	0.8mm/.030"	Range
7489	Contact Tip	ECu	0.9mm/.035"	Range
7496	Contact Tip	ECu	1.0mm/.040"	Range
7490	Contact Tip	ECu	1.2mm/.045"	Range
7498	Contact Tip	ECu	1.3mm/.052"	Range
7491	Contact Tip	ECu	1.6mm/1/16"	Range
7492	Contact Tip	ECu	2.0mm/5/64"	Range
7493	Contact Tip	ECu	2.4mm/3/32"	Range

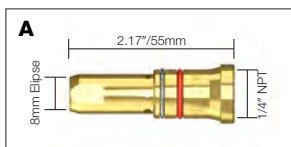


Stock Code	Description	Material	Wire Size	Model
B 4281	Contact Tip Pipeline ECu		0.9mm/.035"	Range
4282	Contact Tip Pipeline ECu		1.2mm/.045"	Range

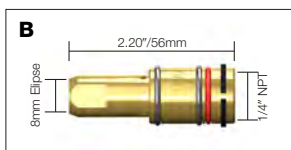


Stock Code	Description	Material	Wire Size	Model
C 1588	Contact Tip	ECu	0.8mm/.030"	Range
1589	Contact Tip	ECu	0.9mm/.035"	Range
1596	Contact Tip	ECu	1.0mm/.040"	Range
1590	Contact Tip	ECu	1.2mm/.045"	Range
1598	Contact Tip	ECu	1.3mm/.052"	Range
1591	Contact Tip	ECu	1.6mm/1/16"	Range
1592	Contact Tip	ECu	2.0mm/5/64"	Range
1593	Contact Tip	ECu	2.4mm/3/32"	Range
1594	Contact Tip	ECu	2.8mm/1/10"	Range

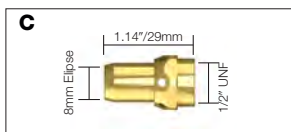
BND Head Assemblies



Stock Code	Description	Tip Series	Model
A 4235	Head Assembly	1500	EZQ 200/350A
4335	Head Assembly	7400	PEZ200-350A



Stock Code	Description	Tip Series	Model
B 4435	Head Assembly	7400	PEZ400E, EZQ 500A
4635	Head Assembly	1500	PEZ600E,H,F



Stock Code	Description	Tip Series	Model
C 5623	Head Assembly	7400	PEZ400W

BND Liner Selector Chart

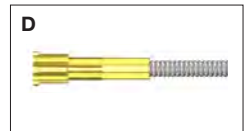
Stock Code	Description	Length	Wire Size	Model	PEZ 200E	PEZ 300E	PEZ 400E	PEZ 600E*	EZ Q 200A*	EZ Q 350A	EZ Q 500A*	PEZ G*	PEZ H*	PEZ L*
A	43010 Steel Liner Plastic Nipple	10ft	.023"-.030"/0.6-0.8mm		■	□	□	□	■	□	□	□	□	□
	43015 Steel Liner Plastic Nipple	15ft	.023"-.030"/0.6-0.8mm		■	□	□	□	■	□	□	□	□	□
A	43110 Steel Liner Plastic Nipple	10ft	.030"-.045"/0.8-1.2mm		■	■	□	□	■	■	□	■	■	□
	43115 Steel Liner Plastic Nipple	15ft	.030"-.045"/0.8-1.2mm		■	■	□	□	■	■	□	■	■	□
B	A43110 Steel Liner Brass Nipple	10ft	.030"-.045"/0.8-1.2mm		□	■	□	□	■	■	□	■	■	□
	A43115 Steel Liner Brass Nipple	15ft	.030"-.045"/0.8-1.2mm		□	■	□	□	■	■	□	■	■	□
C	43115X Polyamide Liner Brass Nipple	15ft	.035"-.045"/0.9-1.2mm		□	■	□	□	□	■	■	■	■	□
A	43210 Steel Liner Plastic Nipple	10ft	.045"-.1/16"/1.2-1.6mm		□	■	□	□	□	■	■	□	■	□
	43215 Steel Liner Plastic Nipple	15ft	.045"-.1/16"/1.2-1.6mm		□	■	□	□	□	■	■	□	■	□
A	44110 Steel Liner Plastic Nipple	10ft	.030"-.045"/0.8-1.2mm		□	□	■	□	□	□	□	□	□	□
	44115 Steel Liner Plastic Nipple	15ft	.030"-.045"/0.8-1.2mm		□	□	■	□	□	□	□	□	□	□
B	A44110 Steel Liner Brass Nipple	10ft	.030"-.045"/0.8-1.2mm		□	□	■	□	□	□	□	□	□	□
	A44115 Steel Liner Brass Nipple	15ft	.030"-.045"/0.8-1.2mm		□	□	■	□	□	□	□	□	□	□
A	44210 Steel Liner Plastic Nipple	10ft	.045"-.1/16"/1.2-1.6mm		□	□	■	□	□	□	□	□	□	□
	44215 Steel Liner Plastic Nipple	15ft	.045"-.1/16"/1.2-1.6mm		□	□	■	□	□	□	□	□	□	□
B	44210 Steel Liner Brass Nipple	10ft	.045"-.1/16"/1.2-1.6mm		□	□	■	□	□	□	□	□	□	□
	A44215 Steel Liner Brass Nipple	15ft	.045"-.1/16"/1.2-1.6mm		□	□	■	□	□	□	□	□	□	□
C	44215X Polyamide Liner Brass Nipple	15ft	.045"-.1/16"/1.2-1.6mm		□	■	□	□	□	■	■	■	■	□
A	44310 Steel Liner Plastic Nipple	10ft	5/64"/2.0mm				■	■			■		■	■
	44315 Steel Liner Plastic Nipple	15ft	5/64"/2.0mm				■	■			■		■	■
B	45410 Steel Liner Brass Nipple	10ft	3/32"/2.4mm					■			■		■	■
	45415 Steel Liner Brass Nipple	15ft	3/32"/2.4mm					■			■		■	■
D	QJL-2330 Jump Liner	1ft	.023"-.030"/0.6-0.8mm						■	■	□			
D	QJL-3545 Jump Liner	1ft	.035"-.045"/0.9-1.2mm						■	■	□			
D	QJL-116 Jump Liner	1ft	.063"/1.6mm						□	□	■			

■ Solid Box = Recommended Liner
□ Clear Box = Compatible Liner

Colour Code

0.6-0.9mm Wire ■ Blue
1.0-1.2mm Wire ■ Red
1.2-1.6mm Wire ■ Yellow
2.0-2.4mm Wire ■ Green

*Torch models are not illustrated but are available to order as a Custom Build, please contact the sales office for more information.



PEZ 200E

Air Cooled MIG Welding Torch

200A CO₂ 150A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires

Model

Stock Code	Description
4E210AE	Torch Package x 10ft c/w Euro Fitting
4E212AE	Torch Package x 12ft c/w Euro Fitting
4E215AE	Torch Package x 15ft c/w Euro Fitting

Nozzles

Stock Code	Description
A 4391*	Brass Nozzle 5/8"/16mm Bore
4392	Brass Nozzle 1/2"/13mm Bore
4393	Copper Nozzle 5/8"/16mm Bore
B 4295	Brass Nozzle Pipeline 3/8"/10mm Bore

Contact Tips

Stock Code	Description
C 7488	Contact Tip .030"/0.8mm ECu
7489	Contact Tip .035"/0.9mm ECu
7496	Contact Tip .040"/1.0mm ECu
7490*	Contact Tip .045"/1.2mm ECu
D 4281	Contact Tip .035"/0.9mm ECu Pipeline
4282	Contact Tip .045"/1.2mm ECu Pipeline

Liners

Stock Code	Description
E 43010	Steel Liner .023"-.030"/0.6-0.8mm x 10ft
43015	Steel Liner .023"-.030"/0.6-0.8mm x 15ft
43110*	Steel Liner .030"-.045"/0.8-1.2mm x 10ft
43115*	Steel Liner .030"-.045"/0.8-1.2mm x 15ft
43115X	Polyamide Liner .030"-.045"/0.8-1.2mm x 15ft

Components

* Denotes Standard Build

Stock Code	Description
1 4335*	Head Assembly
2 4323R	Rubber Cap
3 4786	Swan Neck
4 4780	Neck Insulator
5 4213B	End Fitting
6 R4305	Cone Nut
7 BE5046	Gas Hose Clamp
8 BE5044	Clamp Outer Jacket
9 BE8111	Spring Support c/w Ball Joint
10 4261TE	Hyperflex™ Cable Assembly x 10ft
4262TE	Hyperflex™ Cable Assembly x 12ft
4265TE	Hyperflex™ Cable Assembly x 15ft
11 BE1523-T	Trigger Terminals
12 1780006/BJ	Handle Kit c/w Screws & Nut (Ball Joint Style)
13 5662	Trigger Switch
14 1790002	Hanger Hook Kit
15 1880004	Screw Kit
16 BE1522	Cable Terminal Male
17 BE2841	Cable Support
18 BE1518	Gun Plug Housing c/w Nut
19 BE1526	Gun Plug Screw
20 4816	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 5060	Gun Plug Body c/w Spring Pins
23 4421	Gun Plug 'O' Ring
24 BE9001	Liner Nipple 'O' Ring

PEZ 300E

Air Cooled MIG Welding Torch

300A CO₂ 200A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



BND



Model

Stock Code	Description
4E310AE	Torch Package x 10ft c/w Euro Fitting
4E312AE	Torch Package x 12ft c/w Euro Fitting
4E315AE	Torch Package x 15ft c/w Euro Fitting

Nozzles

Stock Code	Description
A 4391*	Brass Nozzle 5/8"/16mm Bore
4392	Brass Nozzle 1/2"/13mm Bore
4393	Copper Nozzle 5/8"/16mm Bore
B 4295	Brass Nozzle Pipeline 3/8"/10mm Bore

Contact Tips

Stock Code	Description
C 7488	Contact Tip .030"/0.8mm ECu
7489	Contact Tip .035"/0.9mm ECu
7496	Contact Tip .040"/1.0mm ECu
7490*	Contact Tip .045"/1.2mm ECu
D 4281	Contact Tip .035"/0.9mm ECu Pipeline
4282	Contact Tip .045"/1.2mm ECu Pipeline

Liners

Stock Code	Description
E 43110*	Steel Liner .030"- .045"/0.8-1.2mm x 10ft
43115*	Steel Liner .030"- .045"/0.8-1.2mm x 15ft
43115X	Polyamide Liner .035"- .045"/0.9-1.2mm x 15ft

Components

* Denotes Standard Build

Stock Code	Description
1 4335*	Head Assembly
2 4323R	Rubber Cap
3 4786	Swan Neck
4 4780	Neck Insulator
5 4213B	End Fitting
6 R4305	Cone Nut
7 BE5046	Gas Hose Clamp
8 BE5044	Clamp Outer Jacket
9 BE8111	Spring Support c/w Ball Joint
10 4361TE	Hyperflex™ Cable Assembly x 10ft
4362TE	Hyperflex™ Cable Assembly x 12ft
4363TE	Hyperflex™ Cable Assembly x 15ft
11 BE1523-T	Trigger Terminals
12 1780006/BJ	Handle Kit c/w Screws & Nut (Ball Joint Style)
13 5662	Trigger Switch
14 1790002	Hanger Hook Kit
15 1880004	Screw Kit
16 BE1522	Cable Terminal Male
17 BE2841	Cable Support
18 BE1518	Gun Plug Housing c/w Nut
19 BE1526	Gun Plug Screw
20 4816	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 5060	Gun Plug Body c/w Spring Pins
23 4421	Gun Plug 'O' Ring
24 BE9001	O' Ring

PEZ 400E

Air Cooled MIG Welding Torch

400A CO₂ 320A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-5/64"/0.8mm to 2.0mm Wires



Model

Stock Code	Description
4E410AE	Torch Package x 10ft c/w Euro Fitting
4E412AE	Torch Package x 12ft c/w Euro Fitting
4E415AE	Torch Package x 15ft c/w Euro Fitting

Nozzles

Stock Code	Description
A 4491*	Brass Nozzle 3/4"/19mm Bore
4492	Brass Nozzle 9/16"/14mm Bore
4591	Copper Nozzle 3/4"/19mm Bore
4592	Copper Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B 7488	Contact Tip .030"/0.8mm ECu
7489	Contact Tip .035"/0.9mm ECu
7496	Contact Tip .040"/1.0mm ECu
7490*	Contact Tip .045"/1.2mm ECu
7498	Contact Tip .052"/1.3mm ECu
7491	Contact Tip 1/16"/1.6mm ECu
7492	Contact Tip 5/64"/2.0mm ECu

Liners

Stock Code	Description
C 44110*	Steel Liner .030"-.045"/0.8-1.2mm x 10ft
44115*	Steel Liner .030"-.045"/0.8-1.2mm x 15ft
44210	Steel Liner .045"-1/16"/1.2-1.6mm x 10ft
44215	Steel Liner .045"-1/16"/1.2-1.6mm x 15ft
44215X	Polyamide Liner .045"-1/16"/1.2-1.6mm x 15ft
44310	Steel Liner 5/64"/2.0mm x 10ft
44315	Steel Liner 5/64"/2.0mm x 15ft

Components

* Denotes Standard Build

Stock Code	Description
1 4435*	Head Assembly
2 4423R	Rubber Cap
3 4790	Swan Neck
4 4780	Neck Insulator
5 4213B	End Fitting
6 R4305	Cone Nut
7 BE5046	Gas Hose Clamp
8 132-12	Cable Hose Outer Jacket
9 BE8112	Spring Support c/w Ball Joint
10 4461TE	Hyperflex™ Cable Assembly x 10ft
4462TE	Hyperflex™ Cable Assembly x 12ft
4465TE	Hyperflex™ Cable Assembly x 15ft
11 BE1523-T	Trigger Terminals
12 1780006/BJ	Handle Kit c/w Screws & Nut
13 5662	Trigger Switch
14 1790002	Hanger Hook Kit
15 1880004	Screw Kit
16 BE1522	Cable Terminal Male
17 BE8026	Spring Cable Support
18 BE1518	Gun Plug Housing c/w Nut
19 BE1526	Gun Plug Screw
20 4816	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 5060	Gun Plug Body c/w Spring Pins
23 4421	Gun Plug 'O' Ring
24 BE9001	O' Ring

EZ Q 350A

Air Cooled MIG Welding Torch

350A CO₂ 250A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-1/16"/0.8mm to 1.6mm Wires



BND



Model

Stock Code	Description
Q3510AE	Torch Package x 10ft c/w Euro Fitting
Q3512AE	Torch Package x 12ft c/w Euro Fitting
Q3515AE	Torch Package x 15ft c/w Euro Fitting

Nozzles

Stock Code	Description
A 4391	Brass Nozzle 5/8"/16mm Bore
4392*	Brass Nozzle 1/2"/13mm Bore
4393	Copper Nozzle 5/8"/16mm Bore

Contact Tips

Stock Code	Description
B 7488	Contact Tip .030"/0.8mm ECU
7489	Contact Tip .035"/0.9mm ECU
7496	Contact Tip .040"/1.0mm ECU
7490*	Contact Tip .045"/1.2mm ECU
7491	Contact Tip 1/16"/1.6mm ECU

Liners

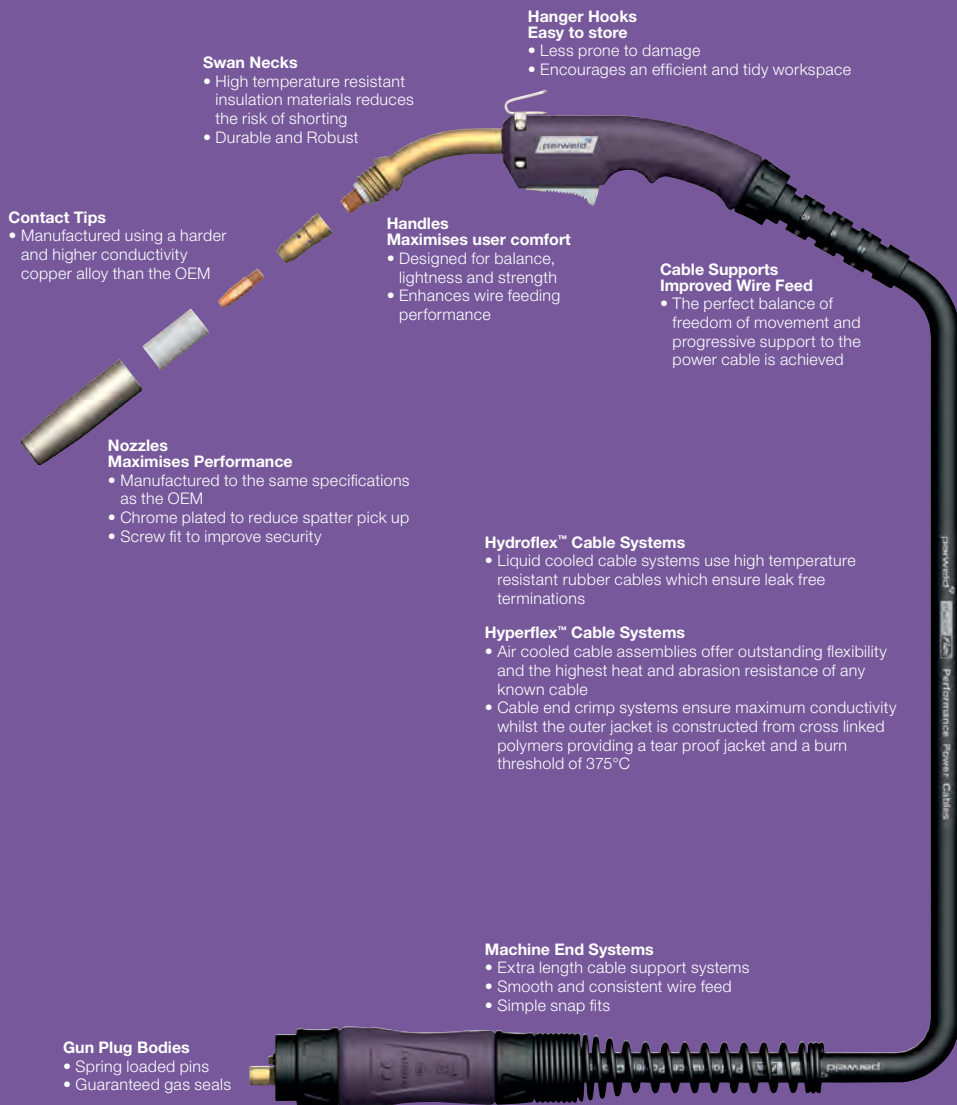
Stock Code	Description
C 43110*	Steel Liner .030"-.045"/0.8-1.2mm x 10ft
43115	Steel Liner .030"-.045"/0.8-1.2mm x 15ft
43210	Steel Liner .045"-1/16"/1.2-1.6mm x 10ft
43215	Steel Liner .045"-1/16"/1.2-1.6mm x 15ft
43115X	Polyamide Liner .035"-.045"/0.9-1.2mm x 15ft
44215X	Polyamide Liner .045"-1/16"/1.2-1.6mm x 15ft

Components

* Denotes Standard Build

Stock Code	Description
1 4335*	Head Assembly (7400 Series Tip)
2 4423R	Rubber Cap
3 QT3-45	Swan Neck 45°
4 QJL-2330	Jump Liner .023"-.030"/0.6-0.8mm
QJL-3545*	Jump Liner .035"-.045"/0.9-1.2mm
5 4213B	End Fitting
6 R4305	Cone Nut
7 BE5046	Gas Hose Clamp
8 BE5044	Clamp Outer Jacket
9 BE8112	Spring Support c/w Ball Joint
10 4361TE	Hyperflex™ Cable Assembly x 10ft
4362TE	Hyperflex™ Cable Assembly x 12ft
4365TE	Hyperflex™ Cable Assembly x 15ft
11 BE1523-T	Trigger Terminals
12 1780006/BJ	Handle Kit c/w Screws & Nut (Ball Joint Style)
13 5662	Trigger Switch
14 1790002	Hanger Hook Kit
15 1880004	Screw Kit
16 BE1522	Cable Terminal Male
17 BE8026	Spring Cable Support
18 BE1518	Gun Plug Housing c/w Nut
19 BE1526	Gun Plug Screw
20 4816	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 5060	Gun Plug Body c/w Spring Pins
23 4421	Gun Plug 'O' Ring
24 BE9001	Liner Nipple 'O' Ring

MRX Features and Benefits

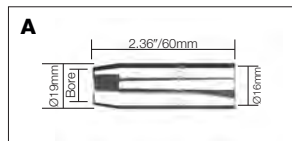


Quality Standards

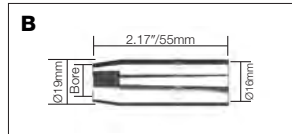
All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



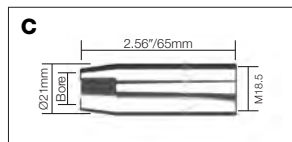
MRX Nozzles



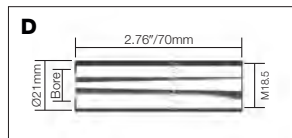
Stock Code	Description	Bore	Model
A 1408599	Nozzle Standard	12mm/15/32"	MXA153, 203



Stock Code	Description	Bore	Model
B 1408600	Nozzle Short Dip	12mm/15/32"	MXA153, 203



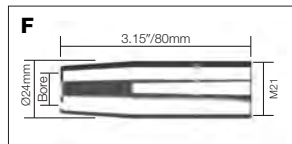
Stock Code	Description	Bore	Model
C 1408602	Nozzle Short Dip	13mm/1/2"	253,353W,453W,553W



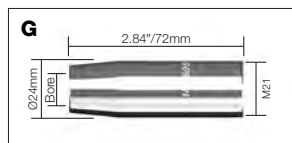
Stock Code	Description	Bore	Model
D 1408604	Nozzle Parallel	16mm/5/8"	253,353W,453W,553W



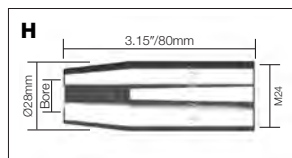
Stock Code	Description	Bore	Model
E 1411350	Nozzle Standard	13mm/1/2"	253,353W,453W,553W



Stock Code	Description	Bore	Model
F 1406336	Nozzle Long Tapered	15mm/19/32"	MXA363,403

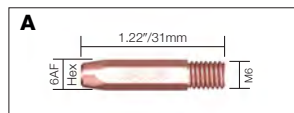


Stock Code	Description	Bore	Model
G 1408605	Nozzle Tapered	14mm/9/16"	MXW403,503,535,553

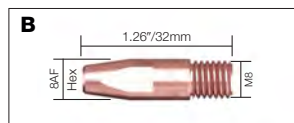


Stock Code	Description	Bore	Model
H 1408607	Nozzle HD Tapered	17mm/11/16"	MXA503

MRX Contact Tips

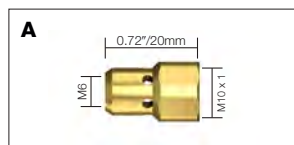


Stock Code	Description	Material	Wire Size	Model
A 1408700	Contact Tip	ECu	0.6mm/.023"	MXA153,203,253
1408701	Contact Tip	ECu	0.8mm/.030"	MXA153,203,253
1408703	Contact Tip	ECu	1.0mm/.040"	MXA153,203,253
1408704	Contact Tip	ECu	1.2mm/.045"	MXA153,203,253

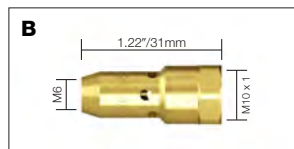


Stock Code	Description	Material	Wire Size	Model
B 1408710	Contact Tip	ECu	0.8mm/.030"	MXA363,403,503
1408712	Contact Tip	ECu	1.0mm/.040"	MXA363,403,503
1408713	Contact Tip	ECu	1.2mm/.045"	MXA363,403,503
1408714	Contact Tip	ECu	1.6mm/1/16"	MXA363,403,503
1408715	Contact Tip	ECu	2.0mm/5/64"	MXA363,403,503

MRX Gas Diffusers



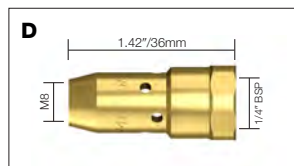
Stock Code	Description	Model
A 1412549	Gas Diffuser	MXA203



Stock Code	Description	Model
B 1408655	Gas Diffuser	MXA253



Stock Code	Description	Model
C 1412563	Gas Diffuser	MXA363,403,MXW503



Stock Code	Description	Model
D 1408658	Gas Diffuser	MXA503



Stock Code	Description	Model
E 1408656	Gas Diffuser	MXW403

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

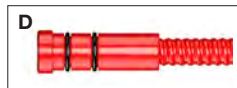
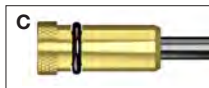
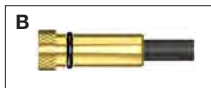
MRX Liner Selector Chart

Stock Code	Description	Length	Wire Size	Model	MXA153*	MXA203*	MXA253	MXA363	MXA403*	MXA503*	MXW403	MXW503
A 1412530	Steel Liner	3m	.023"- .030"/0.6-0.8mm		■	■	■					
1412531	Steel Liner	4.5m	.023"- .030"/0.6-0.8mm		■	■	■					
B, C 1414763	Polyamide Liner	3.5m	.030"- .045"/0.8-1.2mm		■	■	■	■	■	■	■	■
1414764	Polyamide Liner	4.5m	.030"- .045"/0.8-1.2mm		■	■	■	■	■	■	■	■
A 1412532	Steel Liner	3m	.030"- .045"/0.8-1.2mm		□	■	■					
1412533	Steel Liner	4.5m	.030"- .045"/0.8-1.2mm		□	■	■					
D 1412534	Steel Liner	3m	.030"- .045"/0.8-1.2mm					■	■	■	■	■
1412535	Steel Liner	4.5m	.030"- .045"/0.8-1.2mm					■	■	■	■	■
D 1412536	Steel Liner	3m	.055"-5/64"/1.4-2.0mm					■	■	■	■	■
1412537	Steel Liner	4.5m	.055"-5/64"/1.4-2.0mm					■	■	■	■	■
C 1414765	Polyamide Liner	4.5m	.045"-1/16"/1.2-1.6mm					■	■	■	■	■

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

*Torch models are not illustrated but are available to order as a Custom Build, please contact the sales office for more information.



used on MXA360 and above

Parweld to Mechafin® Cross Reference

Parweld Stock Code	Mechafin® Stock Code	Description
1408599	51026	Nozzle Standard Dip
1408600	51023	Nozzle Short Dip
1408602	53003	Nozzle Short Dip
1408604	53005	Nozzle Parallel
1411350	53004	Nozzle Standard Dip
1406336	54006	Nozzle Long Tapered Spray
1408605	54003	Nozzle Tapered Dip
1408607	55009	Nozzle Heavy Duty Tapered
1408700	57606	Contact Tip 0.23" 0.6mm
1408701	57608	Contact Tip 0.30" 0.8mm
1408703	57610	Contact Tip 0.40" 1.0mm
1408704	57612	Contact Tip 0.45" 1.2mm
1408710	57808	Contact Tip 0.30" 0.8mm
1408712	57810	Contact Tip 0.40" 1.0mm
1408713	57812	Contact Tip 0.45" 1.2mm
1408714	57816	Contact Tip 1/16" 1.6mm
1408715	57820	Contact Tip 5/64" 2.0mm
1412549	52002	Gas Diffuser
1408655	53002	Gas Diffuser
1412563	54002	Gas Diffuser
1408658	55002	Gas Diffuser

Parweld to Mechafin® Cross Reference

Parweld Stock Code	Mechafin® Stock Code	Description
1412530	57151	Steel Liner x 3m
1412531	57154	Steel Liner x 4.5m
1414763	57155	Polyamide Liner x 3.5m
1414764	57158	Polyamide Liner x 4.5m
1412532	57191	Steel Liner x 3m
1412533	57194	Steel Liner x 4.5m
1412534	57195	Steel Liner x 3m
1412535	57198	Steel Liner x 4.5m
1412536	57261	Steel Liner x 3m
1412537	57264	Steel Liner x 4.5m
1414765	57254	Polyamide Liner x 4.5m

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

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Reference to the original manufacturer is for reference only.

UK & Ireland Sales **01299 269 500** | Export Sales **+44 1299 269 507** www.parweld.com

MXA 253 (ME255A Mechafin®)

Air Cooled MIG Welding Torch

250A CO₂ 175A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"-.045"/0.6mm to 1.2mm Wires



Model

Stock Code	Description
1415030	Welding Torch Package x 3m c/w Euro Fitting
1415031	Welding Torch Package x 4m c/w Euro Fitting

Nozzles

Stock Code	Description
A 1408602	Nozzle Short Dip 1/2"/13mm Bore
1408604	Nozzle Parallel 5/8"/16mm Bore
1411350*	Nozzle Standard 1/2"/13mm Bore

Contact Tips

Stock Code	Description
B 1408700	Contact Tip .023"/0.6mm Ecu M6
1408701	Contact Tip .030"/0.8mm Ecu M6
1408703*	Contact Tip .040"/1.0mm Ecu M6
1408704	Contact Tip .045"/1.2mm Ecu M6

Liners

Stock Code	Description
C 1412530	Steel Liner .023"-.030"/0.6-0.8mm x 3m
1412531	Steel Liner .023"-.030"/0.6-0.8mm x 4.5m
1412532*	Steel Liner .030"-.045"/0.8-1.2mm x 3m
1412533*	Steel Liner .030"-.045"/0.8-1.2mm x 4.5m
1414763	Polyamide Liner .030"-.045"/0.8-1.2mm x 3.5m
1414764	Polyamide Liner .030"-.045"/0.8-1.2mm x 4.5m

Components

* Denotes Standard Build

Stock Code	Description
1 1408620	Nozzle Insulator
2 1408655	Gas Diffuser
3 1412560	Neck Washer
4 1412552	Swan Neck
5 P2005	Grub Screw
6 M8003	Handle Lock Nut
7 M2842	Cable Support
8 1412571	Hyperflex™ Cable Assembly x 3m
1412572	Hyperflex™ Cable Assembly x 4m
9 1413507	Switch Contacts
10 1412564	Hanger Hook
11 1415044	Handle Kit c/w Screws & Nut
12 1412567	Trigger Assembly
13 1412614	Handle Screw Pack
14 M1522	Cable Terminal Male
15 M1526	Lock Nut
16 M1412569	Gun Body to Cable Adaptor
17 M2841	Cable Support
18 1412601	Gun Plug Housing c/w Nut
19 1412473	Gun Plug Screw
20 1408652	Gun Plug Nut c/w Insert
21 Spring Pin 2	Spring Pin Assembly
22 1412598	Gun Plug Body c/w Spring Pins
23 M1524	Gun Plug 'O' Ring
24 1408650	Liner Retaining Nut

All Registered Trademarks listed are the property of their respective manufacturer.

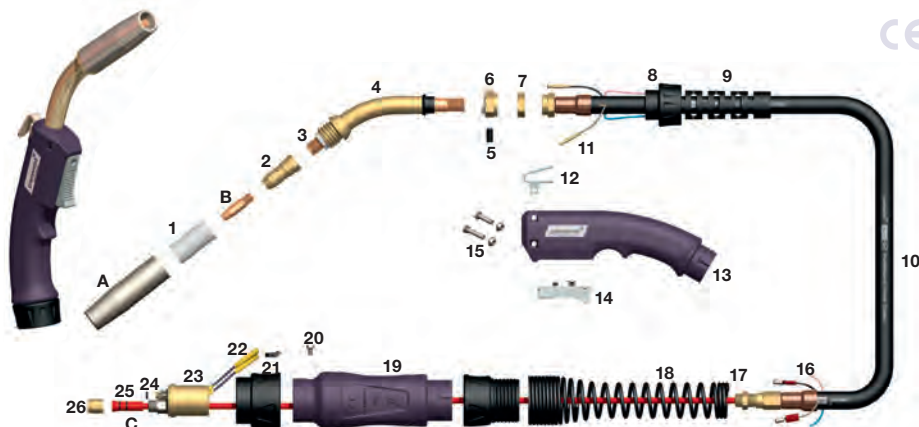
Reference to the original manufacturer is for reference only.

www.parweld.com UK & Ireland Sales **01299 269 500** | Export Sales **+44 1299 269 507**

MXA 363 (ME350A Mechafin®)

Air Cooled MIG Welding Torch

360A CO₂ 250A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-1/16"/0.8mm to 1.6mm Wires



Model

Stock Code	Description
1415032	Welding Torch Package x 3m c/w Euro Fitting
1415033	Welding Torch Package x 4m c/w Euro Fitting

Nozzles

Stock Code	Description
A 1406336*	Nozzle Long Taper 19/32"/15mm Bore
1408605	Nozzle Tapered 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B 1408710	Contact Tip .030"/0.8mm Ecu M8
1408712	Contact Tip .040"/1.0mm Ecu M8
1408713*	Contact Tip .045"/1.2mm Ecu M8
1408714	Contact Tip 1/16"/1.6mm Ecu M8

Liners

Stock Code	Description
C 1412534*	Steel Liner .030"-.045"/0.8-1.2mm x 3m
1412535*	Steel Liner .030"-.045"/0.8-1.2mm x 4.5m
1412536	Steel Liner .055"-5/64"/1.4-2.0mm x 3m
1412537	Steel Liner .055"-5/64"/1.4-2.0mm x 4.5m
1414763	Polyamide Liner .030"-.045"/0.8-1.2mm x 3.5m
1414764	Polyamide Liner .030"-.045"/0.8-1.2mm x 4.5m
1414765	Polyamide Liner .045"-1/16"/1.2-1.6mm x 4.5m

Components

* Denotes Standard Build

Stock Code	Description
1 1408621	Nozzle Insulator
2 1412563	Gas Diffuser
3 1413540	Neck Washer
4 1415049	Swan Neck
5 P2005	Grub Screw
6 1415050	Nut Holder
7 M1528	Lock Nut
8 M8003	Handle Lock Nut
9 M3360	Cable Support
10 1415042	Hyperflex™ Cable Assembly x 3m
1415043	Hyperflex™ Cable Assembly x 4m
11 1413507	Switch Contacts
12 1412564	Hanger Hook
13 1415044	Handle Kit c/w Screws & Nut
14 1412567	Trigger Assembly
15 1412614	Handle Screw Pack
16 M1522	Cable Terminal Male
17 M1527	Lock Nut
18 M8026	Spring Cable Support
19 1412601	Gun Plug Housing c/w Nut
20 1412473	Gun Plug Screw
21 1408652	Gun Plug Nut c/w Insert
22 Spring Pin 2	Spring Pin Assembly
23 1412599	Gun Plug Body c/w Spring Pins
24 M1524	Gun Plug 'O' Ring
25 1412597	Liner Nipple 'O' Ring
26 1412595	Liner Retaining Nut

All Registered Trademarks listed are the property of their respective manufacturer.

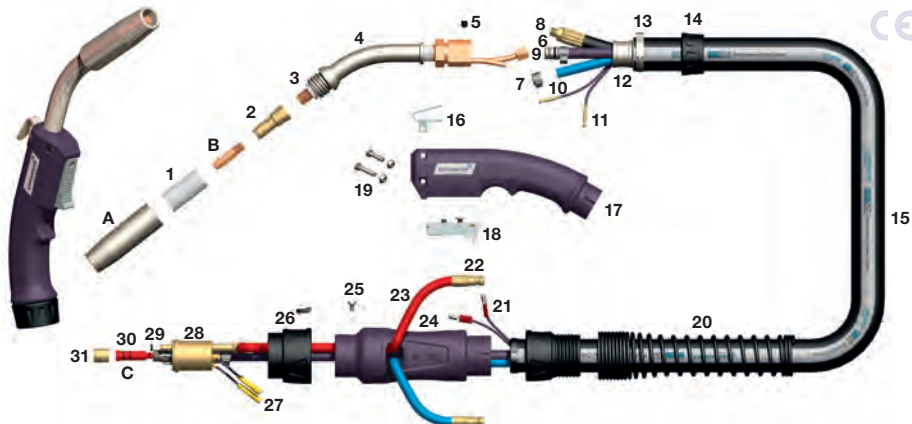
Reference to the original manufacturer is for reference only.

UK & Ireland Sales **01299 269 500** | Export Sales **+44 1299 269 507** www.parweld.com

MXW 403 (ME400W Mechafin®)

Water Cooled MIG Welding Torch

400A CO₂ 300A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-5/64"/1.0mm to 2.0mm Wires



Model

Stock Code	Description
1412512	Welding Torch Package x 3m c/w Euro Fitting
1412513	Welding Torch Package x 4m c/w Euro Fitting

Nozzles

Stock Code	Description
A 1406336*	Nozzle Long Tapered 19/32"/15mm Bore
1408605	Nozzle Tapered 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B 1408712	Contact Tip .040"/1.0mm Ecu M8
1408713*	Contact Tip .045"/1.2mm Ecu M8
1408714	Contact Tip 1/16"/1.6mm Ecu M8
1408715	Contact Tip 5/64"/2.0mm Ecu M9

Liners

Stock Code	Description
C 1412534*	Steel Liner .030"-.045"/0.8-1.2mm x 3m
1412535*	Steel Liner .030"-.045"/0.8-1.2mm x 4.5m
1412536	Steel Liner .055"-5/64"/1.4-2.0mm x 3m
1412537	Steel Liner .055"-5/64"/1.4-2.0mm x 4.5m
1414763	Polyamide Liner .030"-.045"/0.8-1.2mm x 3.5m
1414764	Polyamide Liner .030"-.045"/0.8-1.2mm x 4.5m
1414765	Polyamide Liner .045"-1/16"/1.2-1.6mm x 4.5m

Components

Stock Code	Description
1 1408621	Nozzle Insulator
2 1408656*	Gas Diffuser
3 1413543	Neck Washer
4 1412556	Swan Neck
5 M2004	Grub Screw

Components

* Denotes Standard Build

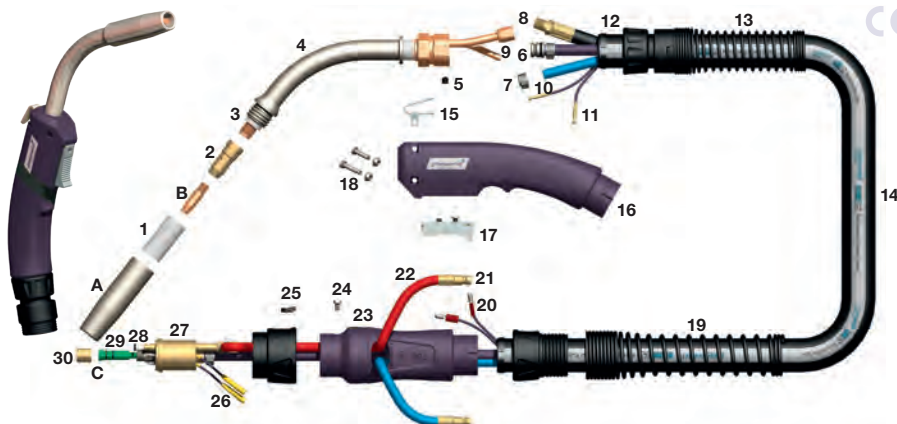
Stock Code	Description
6 1413548	O' Ring Pack
7 M5024	Water Hose Clamp
8 1412527	Power Cable Assembly x 3m
1412528	Power Cable Assembly x 4m
9 1412586	Liner Conduit Assembly x 3m
1412587	Liner Conduit Assembly x 4m
10 1412591	Water Hose Assembly x 3m
1412592	Water Hose Assembly x 4m
11 1412523	Switch Cable Assembly x 3m
1412524	Switch Cable Assembly x 4m
12 1412602	Swivel Connector
13 M5047	Canvas Cover Clamp
14 M8003	Handle Lock Nut
15 1412606	Canvas Cover x 3m
1412607	Canvas Cover x 4m
16 1412564	Hanger Hook
17 1415044	Handle Kit c/w Screws & Nut
18 1412567	Trigger Assembly
19 1412614	Handle Screw Pack
20 M8027	Spring Cable Support
21 M1522	Cable Terminal Male
22 M5023	Water Hose Nipple
23 M5017	Return Water Hose
24 M5022	Gun Plug Housing
25 1412473	Gun Plug Screw
26 1408652	Gun Plug Nut c/w Insert
27 Spring Pin 2	Spring Pin Assembly
28 1412594	Gun Plug Body c/w Spring Pins
29 M1524	Gun Plug 'O' Ring
30 1412597	Liner Nipple 'O' Ring
31 1412595	Liner Retaining Nut

All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

MXW 503 (ME500W Mechafin®)

Water Cooled MIG Welding Torch

500A CO₂ 400A Mixed Gas @ 100% Duty Cycle, EN60974-7 .040"-3/32"/1.0mm to 2.4mm Wires



Model

Stock Code	Description
1412517	Welding Torch Package x 3m c/w Euro Fitting
1412518	Welding Torch Package x 4m c/w Euro Fitting

Nozzles

Stock Code	Description
A 1406336*	Nozzle Long Taper 19/32"/15mm Bore
1408605	Nozzle Tapered 9/16"/14mm Bore

Contact Tips

Stock Code	Description
B 1408712	Contact Tip .040"/1.0mm Ecu M8
1408713	Contact Tip .045"/1.2mm Ecu M8
1408714*	Contact Tip 1/16"/1.6mm Ecu M8
1408715	Contact Tip 5/64"/2.0mm Ecu M8

Liners

Stock Code	Description
C 1412534	Steel Liner .030"-.045"/0.8-1.2mm x 3m
1412535	Steel Liner .030"-.045"/0.8-1.2mm x 4.5m
1412536*	Steel Liner .055"-5/64"/1.4-2.0mm x 3m
1412537*	Steel Liner .055"-5/64"/1.4-2.0mm x 4.5m
1414763	Polyamide Liner .030"-.045"/0.8-1.2mm x 4.5m
1414764	Polyamide Liner .045"-1/16"/1.2-1.6mm x 4.5m

Components

* Denotes Standard Build

Stock Code	Description
1 1408621	Nozzle Insulator
2 1412563*	Gas Diffuser
3 1413544	Neck Washer
4 1412557	Swan Neck
5 M2004	Grub Screw
6 1413548	O' Ring Pack
7 M5024	Water Hose Clamp
8 1412579	Power Cable Assembly x 3m
1412580	Power Cable Assembly x 4m
9 1412589	Liner Conduit Assembly x 3m
1412590	Liner Conduit Assembly x 4m
10 1412591	Water Hose Assembly x 3m
1412592	Water Hose Assembly x 4m
11 1412523	Switch Cable Assembly x 3m
1412524	Switch Cable Assembly x 4m
12 M8020	Canvas Cover Clamp & Retainer
13 M8006	Spring Cable Support
14 1412525	Canvas Cover x 3m
1412526	Canvas Cover x 4m
15 1412564	Hanger Hook
16 1412566	Handle Kit c/w Screws & Nut
17 1412567	Trigger Assembly
18 1412614	Handle Screw Pack
19 M8027	Spring Cable Support
20 M1522	Cable Terminal Male
21 M5023	Water Hose Nipple
22 M5017	Return Water Hose
23 M5022	Gun Plug Housing
24 1412473	Gun Plug Screw
25 1408652	Gun Plug Nut c/w Insert
26 Spring Pin 2	Spring Pin Assembly
27 1412594	Gun Plug Body c/w Spring Pins
28 M1524	Gun Plug 'O' Ring
29 1412597	Liner Nipple 'O' Ring
30 1412595	Liner Retaining Nut

All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

TRG Features and Benefits

Swan Necks

- Heavy Duty Aluminium Outer Jacket
- Durable and Robust

Handles

Maximises user comfort

- Designed for balance, lightness and strength
- Enhances wire feeding performance

Contact Tips

- Manufactured using a harder and higher conductivity copper alloy than the OEM

Hanger Hooks

Easy to store

- Less prone to damage
- Encourages an efficient and tidy workspace

Cable Supports

Improved Wire Feed

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Nozzles

Maximises Performance

- Maximum wall thickness gives longevity and superior performance
- Copper construction improves heat dissipation
- Manufactured to the same specifications as the OEM

Hyperflex™ Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

- Spring loaded pins
- Guaranteed gas seals

Quality Standards

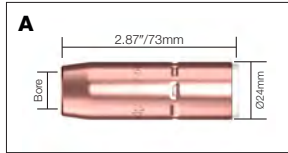
All torches are rigorously tested using computerised and automated test equipment at the design stage through to production.

All our components pass rigorous quality control checks prior to assembly.

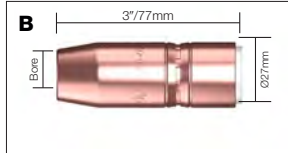
All torches are designed to be tough and damage resistant and comply with EN60974-7.



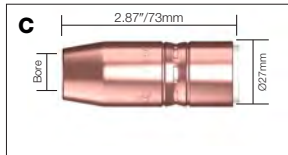
TRG Nozzles



Stock Code	Description	Bore	Tip Recess	Model
A 401-4-50	Standard Nozzle	13mm/1/2"	3mm/1/8"	Range
401-4-62	Standard Nozzle	16mm/5/8"	3mm/1/8"	Range
401-4-75	Standard Nozzle	19mm/3/4"	3mm/1/8"	Range

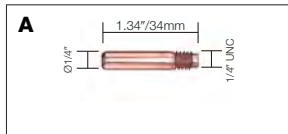


Stock Code	Description	Bore	Tip Recess	Model
B 401-5-50	Heavy Duty Nozzle	13mm/1/2"	6.5mm/1/4"	Range
401-5-62	Heavy Duty Nozzle	16mm/5/8"	6.5mm/1/4"	Range
401-5-75	Heavy Duty Nozzle	19mm/3/4"	6.5mm/1/4"	Range

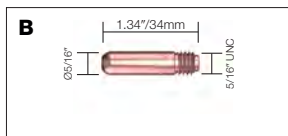


Stock Code	Description	Bore	Tip Recess	Model
C 401-6-50	Heavy Duty Nozzle	13mm/1/2"	3mm/1/8"	Range
401-6-62	Heavy Duty Nozzle	16mm/5/8"	3mm/1/8"	Range
401-6-75	Heavy Duty Nozzle	19mm/3/4"	3mm/1/8"	Range

TRG Contact Tips



Stock Code	Description	Material	Wire Size	Model
A 403-23	Contact Tip	ECu	0.6mm/.023"	Range
403-30	Contact Tip	ECu	0.8mm/.030"	Range
403-35	Contact Tip	ECu	0.9mm/.035"	Range
403-10	Contact Tip	ECu	1.0mm/.040"	Range
403-45	Contact Tip	ECu	1.2mm/.045"	Range
403-52	Contact Tip	ECu	1.3mm/.052"	Range
403-116	Contact Tip	ECu	1.6mm/1/16"	Range

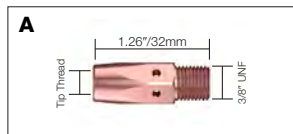


Stock Code	Description	Material	Wire Size	Model
B 403-1-30	HD Contact Tip	ECu	0.8mm/.030"	Range
403-1-35	HD Contact Tip	ECu	0.9mm/.035"	Range
403-1-10	HD Contact Tip	ECu	1.0mm/.040"	Range
403-1-45	HD Contact Tip	ECu	1.2mm/.045"	Range
403-1-52	HD Contact Tip	ECu	1.3mm/.052"	Range
403-1-116	HD Contact Tip	ECu	1.6mm/1/16"	Range
403-1-564	HD Contact Tip	ECu	2.0mm/5/64"	Range
403-1-332	HD Contact Tip	ECu	2.4mm/3/32"	Range

Roll Marking

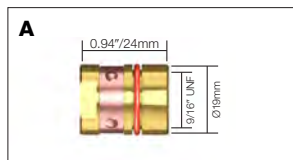
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

TRG Diffusers

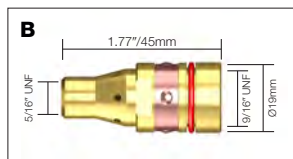


Stock Code	Description	Tip Thread	Model
A 404	Gas Diffuser	1/4" UNC	Range
404-1	HD Gas Diffuser	5/16" UNC	Range

TRG Retaining Heads



Stock Code	Description	Model
A 402-3	Retaining Head	Range



Stock Code	Description	Model
B 404-3	HD Retaining Head	Range

TRG Liner Selector Chart

Stock Code	Description	Length	Wire Size	Model	TRG200*	TRG300	TRG400	TRG500	TRG600*
A 415-23-15	Steel Liner	15ft	.023"/0.6mm		☒	☒	☐	☐	☐
A 415-30-15	Steel Liner	15ft	.030"/0.8mm		☒	☒	☐	☐	☐
A 415-35-15	Steel Liner	15ft	.035"-.045"/0.9mm-1.2mm		☒	☒	☐	☐	☐
A 415-116-10	Steel Liner	10ft	.045-1/16"/1.2-1.6mm				☒	☒	☒
415-116-15	Steel Liner	15ft	.045-1/16"/1.2-1.6mm				☒	☒	☒
415-116-25	Steel Liner	25ft	.045-1/16"/1.2-1.6mm				☒	☒	☒
A 415-332-10	Steel Liner	10ft	3/32"/2.4mm				☐	☐	☒
415-332-15	Steel Liner	15ft	3/32"/2.4mm				☐	☐	☒

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

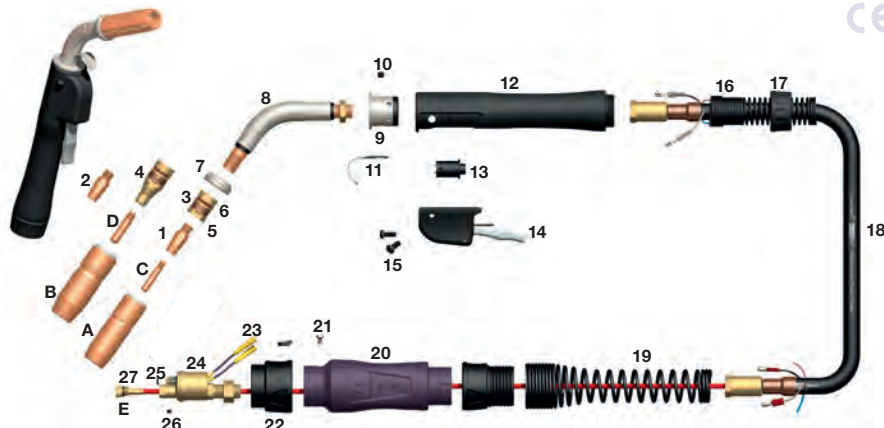
*Torch models are not illustrated but are available to order as a Custom Build, please contact our sales office for more information.



TRG 300A

Air Cooled MIG Welding Torch

300A CO₂ 200A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires



Model

Stock Code	Description
T3010E	Torch Package c/w Euro Fitting x 10ft
T3012E	Torch Package c/w Euro Fitting x 12ft
T3015E	Torch Package c/w Euro Fitting x 15ft

Nozzles

Stock Code	Description
A 401-4-50	Nozzle Recess Tip 1/2"/13mm Bore
401-4-62*	Nozzle Recess Tip 5/8"/16mm Bore
401-4-75	Nozzle Recess Tip 3/4"/19mm Bore
B 401-5-50	Heavy Duty Nozzle Recess Tip 1/2"/13mm Bore
401-5-62	Heavy Duty Nozzle Recess Tip 5/8"/16mm Bore
401-5-75	Heavy Duty Nozzle Recess Tip 3/4"/19mm Bore
401-6-50	Heavy Duty Nozzle Recess Tip 1/2"/13mm Bore
401-6-62	Heavy Duty Nozzle Recess Tip 5/8"/16mm Bore
401-6-75	Heavy Duty Nozzle Recess Tip 3/4"/19mm Bore

Contact Tips

Stock Code	Description
C 403-30	Contact Tip .030"/0.8mm
403-35*	Contact Tip .035"/0.9mm
403-10	Contact Tip .040"/1.0mm
403-45	Contact Tip .045"/1.2mm
D 403-1-30	Heavy Duty Contact Tip .030"/0.8mm
403-1-35	Heavy Duty Contact Tip .035"/0.9mm
401-1-10	Heavy Duty Contact Tip .040"/1.0mm
403-1-45	Heavy Duty Contact Tip .045"/1.2mm

Liners

Stock Code	Description
E 415-30-15	Liner .030"/0.8mm x 15ft
415-35-15*	Liner .035"- .045"/0.9mm-1.2mm x 15ft

Components

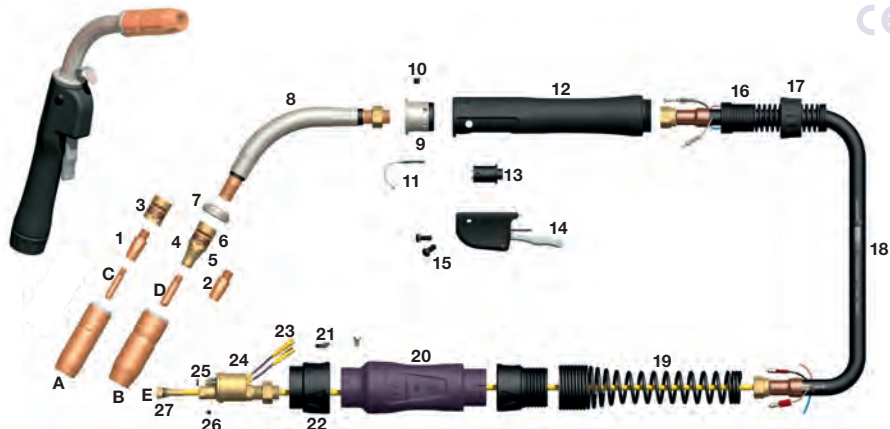
* Denotes Standard Build

Stock Code	Description
1 404*	Gas Diffuser Standard Tip
2 404-1	Gas Diffuser Heavy Duty Tip
3 402-3*	Standard Retaining Head
4 404-3	Heavy Duty Retaining Head
5 402-4	Retaining Ring Only
6 402-6	O' Ring (Red)
7 402-5	Shock Washer
8 305-60*	Swan Neck 60°
NI 305-45	Swan Neck 45°
9 407	Torch Body Assembly
10 407-2	Grub Screw
11 TR1517	Hanger Hook
12 310	Large Handle c/w Cable Support and Nut
NI TR310	Handle Kit (No Support)
13 411-1	Switch
14 411-2	Switch Housing c/w Trigger
15 411-3	Screws c/w Washer
16 TR8018	Cable Support
17 T8004	Handle Lock Nut
18 313-10	Cable Assembly x 10ft
313-12	Cable Assembly x 12ft
313-15	Cable Assembly x 15ft
19 TR8026	Rear Cable Support
20 TR1518	Euro Rear End Housing Kit
21 TR1526	Gun Plug Screw
22 TR1519	Gun Plug Housing Nut
23 Spring Pin 2	Spring Pin Assembly
24 425-10K	Gun Plug Body Kit c/w Spring Pins
25 425-9	Gun Plug 'O' Ring
26 414-2	Liner Grub Screw
27 415-1	Liner 'O' Ring

NI – Not Illustrated

TRG 400A

Air Cooled MIG Welding Torch

400A CO₂ 300A Mixed Gas @ 60% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires

Model

Stock Code	Description
T4010E	Torch Package c/w Euro Fitting x 10ft
T4012E	Torch Package c/w Euro Fitting x 12ft
T4015E	Torch Package c/w Euro Fitting x 15ft

Nozzles

Stock Code	Description
A 401-4-50	Nozzle Recess Tip 1/2"/13mm Bore
401-4-62	Nozzle Recess Tip 5/8"/16mm Bore
401-4-75	Nozzle Recess Tip 3/4"/19mm Bore
B 401-5-50	Heavy Duty Nozzle Recess Tip 1/2"/13mm Bore
401-5-62*	Heavy Duty Nozzle Recess Tip 5/8"/16mm Bore
401-5-75	Heavy Duty Nozzle Recess Tip 3/4"/19mm Bore
401-6-50	Heavy Duty Nozzle Recess Tip 1/2"/13mm Bore
401-6-62	Heavy Duty Nozzle Recess Tip 5/8"/16mm Bore
401-6-75	Heavy Duty Nozzle Recess Tip 3/4"/19mm Bore

Contact Tips

Stock Code	Description
C 403-10	Contact Tip .040"/1.0mm
403-45	Contact Tip .045"/1.2mm
403-52	Contact Tip .52"/1.3mm
403-116	Contact Tip 1/16"/1.6mm
D 403-1-10	Heavy Duty Contact Tip .040"/1.0mm
403-1-45*	Heavy Duty Contact Tip .045"/1.2mm
403-1-52	Heavy Duty Contact Tip .052"/1.3mm
403-1-116	Heavy Duty Contact Tip 1/16"/1.6mm

Liners

Stock Code	Description
E 415-35-15	Liner .035"/0.9mm-1.2mm 15ft
415-116-10*	Liner .045"-1/16"/1.2-1.6mm x 10ft
415-116-15	Liner .045"-1/16"/1.2-1.6mm x 15ft

Components

* Denotes Standard Build

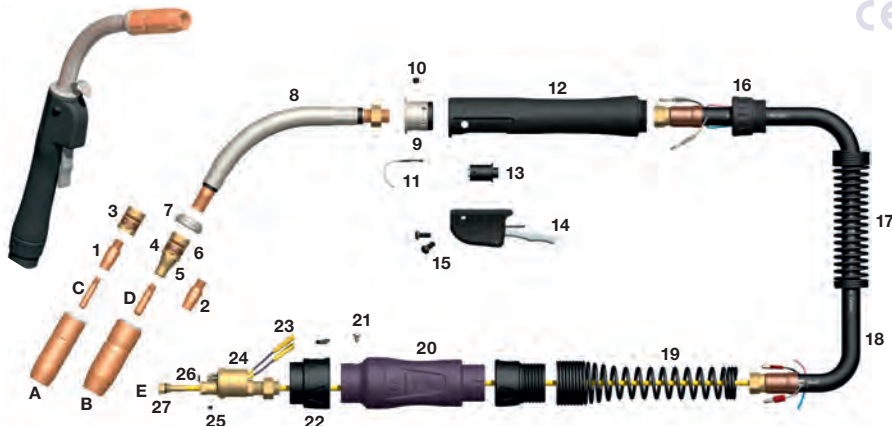
Stock Code	Description
1 404*	Gas Diffuser Standard Tip
2 404-1	Gas Diffuser Heavy Duty Tip
3 402-3*	Standard Retaining Head
4 404-3	Heavy Duty Retaining Head
5 402-4	Retaining Ring Only
6 402-6	O' Ring (Red)
7 402-5	Shock Washer
8 405-60*	Swan Neck 60°
NI 405-45	Swan Neck 45°
9 407	Torch Body Assembly
10 407-2	Grub Screw
11 TR1517	Hanger Hook
12 410	Large Handle c/w Spring
NI TR410	Handle Kit (No Support)
13 411-1	Switch
14 411-2	Switch Housing c/w Trigger
15 411-3	Screws c/w Washer
16 TR8018	Cable Support
17 T8004	Handle Lock Nut
18 413-10	Cable Assembly x 10ft
413-12	Cable Assembly x 12ft
413-15	Cable Assembly x 15ft
19 TR8026	Rear Cable Support
20 TR1518	Euro Rear End Housing Kit
21 TR1526	Gun Plug Screw
22 TR1519	Gun Plug Housing Nut
23 Spring Pin 2	Spring Pin Assembly
24 425-10K	Gun Plug Body Kit c/w Spring Pins
25 425-9	Gun Plug 'O' Ring
26 414-2	Liner Grub Screw
27 415-1	Liner 'O' Ring

NI - Not Illustrated

TRG 500A

Air Cooled MIG Welding Torch

500A CO₂ 350A Mixed Gas @ 60% Duty Cycle, EN60974-7 .045"-3/32"/1.2mm to 2.4mm Wires



Model

Stock Code	Description
T5010E	Torch Package c/w Euro Fitting x 10ft
T5012E	Torch Package c/w Euro Fitting x 12ft
T5015E	Torch Package c/w Euro Fitting x 15ft

Nozzles

Stock Code	Description
A 401-4-50	Nozzle Recess Tip 1/2"/13mm Bore
401-4-62	Nozzle Recess Tip 5/8"/16mm Bore
401-4-75	Nozzle Recess Tip 3/4"/19mm Bore
B 401-5-50	Heavy Duty Nozzle Recess Tip 1/2"/13mm Bore
401-5-62	Heavy Duty Nozzle Recess Tip 5/8"/16mm Bore
401-5-75*	Heavy Duty Nozzle Recess Tip 3/4"/19mm Bore

Contact Tips

Stock Code	Description
C 403-45	Contact Tip .045"/1.2mm
403-52	Contact Tip .052"/1.3mm
403-116	Contact Tip 1/16"/1.6mm
D 403-1-45	Heavy Duty Contact Tip .045"/1.2mm
403-1-52	Heavy Duty Contact Tip .052"/1.3mm
403-1-116*	Heavy Duty Contact Tip 1/16"/1.6mm
403-1-564	Heavy Duty Contact Tip 5/64"/2.0mm
403-1-332	Heavy Duty Contact Tip 3/32"/2.4mm

Liners

Stock Code	Description
E 415-35-15	Liner .035"-.045"/0.9mm-1.2mm x 15ft
415-116-15*	Liner .045"-1/16"/1.2-1.6 x 15ft
415-332-10	Liner 3/32"/ 2.4mm Wire x 10ft
415-332-15	Liner 3/32"/2.4mm Wire x 15ft

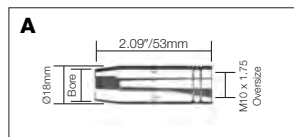
Components

* Denotes Standard Build

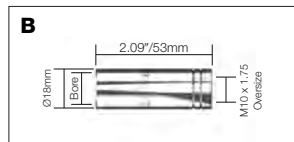
Stock Code	Description
1 404*	Gas Diffuser Standard Tip
2 404-1	Gas Diffuser Heavy Duty Tip
3 402-3	Standard Retaining Head
4 404-3*	Heavy Duty Retaining Head
5 402-4	Retaining Ring Only
6 402-6	O' Ring (Red)
7 402-5	Shock Washer
8 505-60*	Swan Neck 60°
NI 505-45	Swan Neck 45°
9 407	Torch Body Assembly
10 407-2	Grub Screw
11 TR1517	Hanger Hook
12 610	Large Handle c/w Spring Sup+Nut
NI TR610	Handle Kit (No Support)
13 411-1	Switch
14 411-2	Switch Housing c/w Trigger
15 411-3	Screws c/w Washer
16 TR8005	Large Lock Nut
17 TR8019	Cable Support
18 513-10	Cable Assembly x 10ft
513-12	Cable Assembly x 12ft
513-15	Cable Assembly x 15ft
19 TR8026	Rear Cable Support
20 TR1518	Euro Rear End Housing Kit
21 TR1526	Gun Plug Screw
22 TR1519	Gun Plug Housing Nut
23 Spring Pin 2	Spring Pin Assembly
24 425-10K	Gun Plug Body Kit c/w Spring Pins
25 414-2	Liner Grub Screw
26 425-9	Gun Plug 'O' Ring
27 415-1	Liner 'O' Ring

NI – Not Illustrated

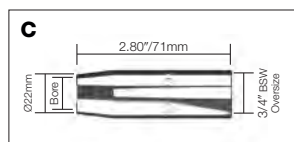
PXL Nozzles



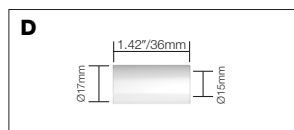
Stock Code	Description	Bore	Model
A XL1802	Conical Nozzle	13mm/1/2"	PXL150, 180
XL1803	Tapered Nozzle	12mm/15/32"	PXL150, 180



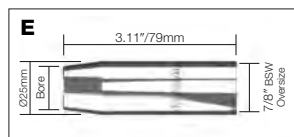
Stock Code	Description	Bore	Model
B XL1804	Cylindrical Nozzle	16mm/5/8"	PXL150, 180



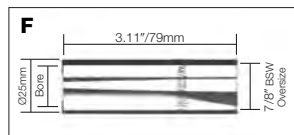
Stock Code	Description	Bore	Model
C XL2802	Conical Nozzle	14mm/9/16"	PXL280R, 320W
XL2803	Tapered Nozzle	12mm/15/32"	PXL280R, 320W
XL2804	Cylindrical Nozzle	16mm/5/8"	PXL280R, 320W



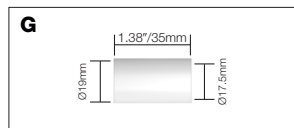
Stock Code	Description	Bore	Model
D XL2806	Nozzle Insulator	N/A	PXL280R, 320W



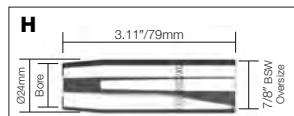
Stock Code	Description	Bore	Model
E XL3602	Conical Nozzle	15mm/19/32"	PXL360R, 420W
XL3603	Tapered Nozzle	14mm/9/16"	PXL360R, 420W



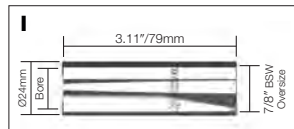
Stock Code	Description	Bore	Model
F XL3604	Cylindrical Nozzle	18mm/5/7"	PXL360R, 420W



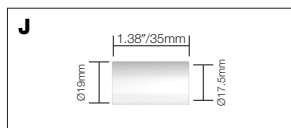
Stock Code	Description	Bore	Model
G XL3606	Nozzle Insulator	N/A	PXL360R, 420W



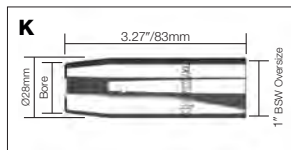
Stock Code	Description	Bore	Model
H XL4502	Conical Nozzle	16mm/5/8"	PXL360R, 420W, 450W
XL4503	Tapered Nozzle	14mm/9/16"	PXL360R, 420W, 450W



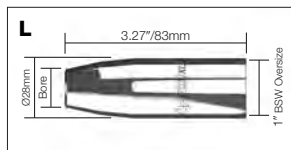
Stock Code	Description	Bore	Model
I XL4504	Cylindrical Nozzle	19mm/3/4"	PXL360R, 420W, 450W



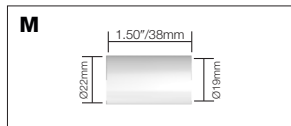
Stock Code	Description	Bore	Model
J XL3606	Nozzle Insulator	N/A	PXL360R, 420W, 450W



Stock Code	Description	Bore	Model
K XL4002	Conical Nozzle	19mm/3/4"	PXL380R, 401R, 550W

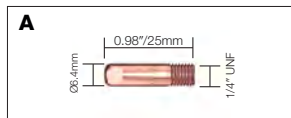


Stock Code	Description	Bore	Model
L XL4003	Tapered Nozzle	13mm/1/2"	PXL380R, 401R, 550W

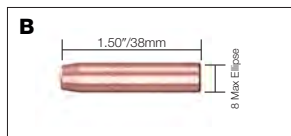


Stock Code	Description	Bore	Model
M XL4006	Nozzle Insulator	N/A	PXL380R, 401R, 550W

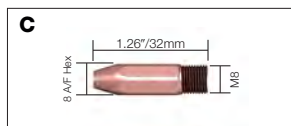
PXL Contact Tips



Stock Code	Description	Wire Size	Material	Tip Thread	Model
A XL1006	Contact Tip	0.6mm/.023"	ECu	1/4" UNF	PXL150, 180
XL1008	Contact Tip	0.8mm/.030"	ECu	1/4" UNF	PXL150, 180
XL1010	Contact Tip	1.0mm/.040"	ECu	1/4" UNF	PXL150, 180



Stock Code	Description	Wire Size	Material	Model
B XL2008	Contact Tip	0.8mm/.030"	ECu	Range
XL2009	Contact Tip	0.9mm/.035"	ECu	Range
XL2010	Contact Tip	1.0mm/.040"	ECu	Range
XL2012	Contact Tip	1.2mm/.045"	ECu	Range
XL2013	Contact Tip	1.3mm/.052"	ECu	Range
XL2016	Contact Tip	1.6mm/.063"	ECu	Range
XL3008	Contact Tip	0.8mm/.030"	CuCrZr	Range
XL3010	Contact Tip	1.0mm/.040"	CuCrZr	Range
XL3012	Contact Tip	1.2mm/.045"	CuCrZr	Range
XL3013	Contact Tip	1.3mm/.052"	CuCrZr	Range
XL3016	Contact Tip	1.6mm/.063"	CuCrZr	Range
XL3020	Contact Tip	2.0mm/.080"	CuCrZr	Range
XL3024	Contact Tip	2.4mm/.095"	CuCrZr	Range



Stock Code	Description	Wire Size	Material	Tip Thread	Model
C XL2010TS	Contact Tip	1.0mm/.040"	ECu	M8	Range
XL2012TS	Contact Tip	1.2mm/.045"	ECu	M8	Range

Roll Marking

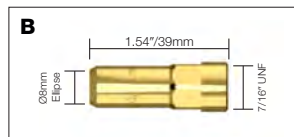
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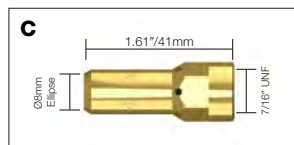
PXL Tip Adaptors



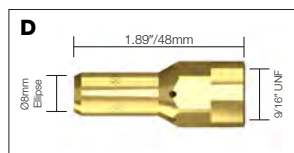
Stock Code	Description	Tip Thread	Neck Thread	Model
A XL1812	Tip Adaptor	1/4" UNF	M8x1 LH	PXL150, 180



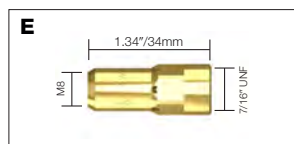
Stock Code	Description	Tip Thread	Neck Thread	Model
B XL2812	Tip Adaptor	Elliptical	7/16" UNF	PXL250R/320W



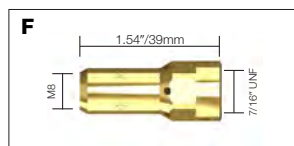
Stock Code	Description	Tip Thread	Neck Thread	Model
C XL3612	Tip Adaptor	Elliptical	7/16" UNF	360R/420W/450W



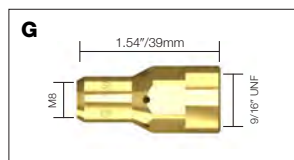
Stock Code	Description	Tip Thread	Neck Thread	Model
D XL4012	Tip Adaptor	Elliptical	9/16" UNF	PXL380R/401R



Stock Code	Description	Tip Thread	Neck Thread	Model
E XL2812TS	Tip Adaptor	M8 Threaded	7/16" UNF	PXL250R/320W



Stock Code	Description	Tip Thread	Neck Thread	Model
F XL3612TS	Tip Adaptor	M8 Threaded	7/16" UNF	360R/420W/450W



Stock Code	Description	Tip Thread	Neck Thread	Model
G XL4012TS	Tip Adaptor	M8 Threaded	9/16" UNF	PXL380R/401R

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

PXL Liner Selector Chart

Stock Code	Description	Length	Wire Size	Model	PXL 150*	PXL 180*	PXL 250R*	PXL 280R	PXL 360R	PXL 380R*	PXL 401R*	PXL 320W*	PXL 420W*	PXL 450W*	PXL 550W*
A	XL1808-30 Steel Liner	3m	.023"-.030" / 0.6-0.8mm		■	■	■	■	□	□		□	□	□	
	XL1808-40 Steel Liner	4m	.023"-.030" / 0.6-0.8mm		■	■	■	■	□	□		□	□	□	
	XL1808-50 Steel Liner	5m	.023"-.030" / 0.6-0.8mm		■	■	■	■	□	□		□	□	□	
NI	XL1808-30TEL Steel Liner (Telwin)	3m	.023"-.035" / 0.6-0.9mm		■	■	■	■	□	□					
	XL1808-40TEL Steel Liner (Telwin)	4m	.023"-.035" / 0.6-0.9mm		■	■	■	■	□	□					
	XL1808-50TEL Steel Liner (Telwin)	5m	.023"-.035" / 0.6-0.9mm		■	■	■	■	□	□					
A	XL1812-30 Steel Liner	3m	.040"-.045" / 1.0-1.2mm		■	■	■	■	□	□	□	□	□	□	□
	XL1812-40 Steel Liner	4m	.040"-.045" / 1.0-1.2mm		■	■	■	■	□	□	□	□	□	□	□
	XL1812-50 Steel Liner	5m	.040"-.045" / 1.0-1.2mm		■	■	■	■	□	□	□	□	□	□	□
A	XL3612-30 Steel Liner	3m	.040"-.045" / 1.0-1.2mm						■	■	■				
	XL3612-40 Steel Liner	4m	.040"-.045" / 1.0-1.2mm						■	■	■				
	XL3612-50 Steel Liner	5m	.040"-.045" / 1.0-1.2mm						■	■	■				
B	XL1230T Steel/Teflon Core Liner	3m	.040"-.045" / 1.0-1.2mm				■	■	■	■	■	■	■	■	■
	XL1240T Steel/Teflon Core Liner	4m	.040"-.045" / 1.0-1.2mm				■	■	■	■	■	■	■	■	■
	XL1250T Steel/Teflon Core Liner	5m	.040"-.045" / 1.0-1.2mm				■	■	■	■	■	■	■	■	■
A	XL4512-30 Plain Steel Liner	3m	.040"-.045" / 1.0-1.2mm		□	□	□	□	□	□	■	■	■	■	
	XL4512-40 Plain Steel Liner	4m	.040"-.045" / 1.0-1.2mm		□	□	□	□	□	□	■	■	■	■	
	XL4512-50 Plain Steel Liner	5m	.040"-.045" / 1.0-1.2mm		□	□	□	□	□	□	■	■	■	■	
C	XL4512-30T Teflon Liner	3m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
	XL4512-40T Teflon Liner	4m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
	XL4512-50T Teflon Liner	5m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
C	XL4712-30CT Carbon Teflon Liner	3m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
	XL4712-40CT Carbon Teflon Liner	4m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
	XL4712-50CT Carbon Teflon Liner	5m	.040"-.045" / 1.0-1.2mm		□	■	■	■	■	■	■	■	■	■	■
A	XL3616-30 Steel Liner	3m	.063" / 1.6mm						■	■	■				
	XL3616-40 Steel Liner	4m	.063" / 1.6mm						■	■	■				
	XL3616-50 Steel Liner	5m	.063" / 1.6mm						■	■	■				
A	XL4516-30 Plain Steel Liner	3m	.063" / 1.6mm						□	□	□	■	■	■	■
	XL4516-40 Plain Steel Liner	4m	.063" / 1.6mm						□	□	□	■	■	■	■
C	XL4516-30T Teflon Liner	3m	.063" / 1.6mm						■	■	■	□	■	■	■
	XL4516-40T Teflon Liner	4m	.063" / 1.6mm						■	■	■	□	■	■	■
	XL4516-50T Teflon Liner	5m	.063" / 1.6mm						■	■	■	□	■	■	■
C	XL1630T Steel/Teflon Core Liner	3m	.063" / 1.6mm						■	■	■	□	■	■	■
	XL1640T Steel/Teflon Core Liner	4m	.063" / 1.6mm						■	■	■	□	■	■	■
C	XL4716-30CT Carbon Teflon Liner	3m	.063" / 1.6mm						■	■	■	□	■	■	■
	XL4716-40CT Carbon Teflon Liner	4m	.063" / 1.6mm						■	■	■	□	■	■	■
	XL4716-50CT Carbon Teflon Liner	5m	.063" / 1.6mm						■	■	■	□	■	■	■
A	XL4024-30 Steel Liner	3m	.80"-.95" / 2.0 - 2.4mm								■				
	XL4024-40 Steel Liner	4m	.80"-.95" / 2.0 - 2.4mm								■				
A	XL4524-30 Plain Steel Liner	3m	.80"-.95" / 2.0 - 2.4mm								□	□	□	■	■
	XL4524-40 Plain Steel Liner	4m	.80"-.95" / 2.0 - 2.4mm								□	□	□	■	■
	XL4524-50 Plain Steel Liner	5m	.80"-.95" / 2.0 - 2.4mm								□	□	□	■	■

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

*Torch models are not illustrated but are available to order as a Custom Build, please contact our sales office for more information.



PNA Features and Benefits

Handles Maximises User Comfort

- Designed for balance, lightness and strength
- Enhances wire feeding performance

Swan Necks

- Viton high temperature insulated neck offering improved life

Contact Tips

- Manufactured using a harder and higher conductivity copper alloy than the OEM

Knuckle Joint Improved Manoeuvrability

- Small movements of the handle and neck are possible independently of the cable assembly

Hyperflex™ Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable and crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

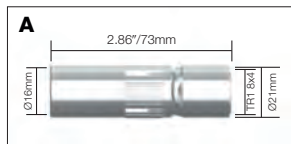
- Guaranteed gas seals

Quality Standards

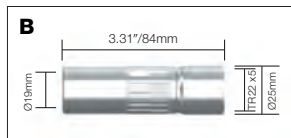
All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



PNA Nozzles

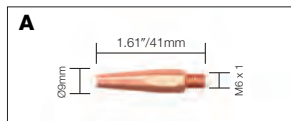


Stock Code	Description	Bore	Model
A TGN00038	Nozzle	16mm/5/8"	PNA350A

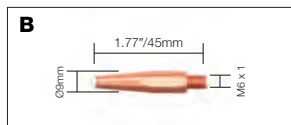


Stock Code	Description	Bore	Model
B TGN00050	Nozzle	19mm/3/4"	PNA500A

PNA Contact Tips

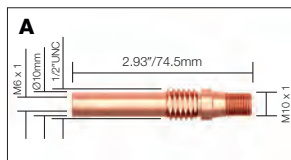


Stock Code	Description	Wire Size	Material	Model
A TET00844	Contact Tip	0.8mm/.030"	CuCrZr	Range
TET01072	Contact Tip	1.0mm/.040"	CuCrZr	Range
TET12010	Contact Tip	1.2mm/.045"	CuCrZr	Range

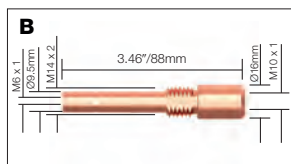


Stock Code	Description	Wire Size	Material	Model
B TET00842	Contact Tip	0.8mm/.030"	CuCrZr	Range
TET01068	Contact Tip	1.0mm/.040"	CuCrZr	Range
TET01297	Contact Tip	1.2mm/.045"	CuCrZr	Range

PNA Tip Adaptors



Stock Code	Description	Tip Thread	Model
A TEB35116	Tip Adaptor	M6	PNA350A



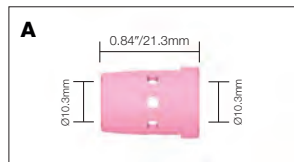
Stock Code	Description	Tip Thread	Model
B U4173G21	Tip Adaptor	M6	PNA500A

Roll Marking

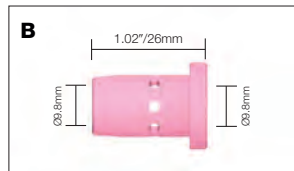
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Note: All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

PNA Diffusers

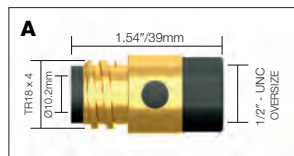


Stock Code	Description	Model
A TGR01001	Gas Diffuser	PNA350A

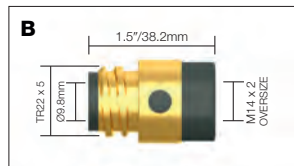


Stock Code	Description	Model
B TGR00902	Gas Diffuser	PNA500A

PNA Insulators



Stock Code	Description	Model
A TGZ35101	Insulator	PNA350A



Stock Code	Description	Model
B TFZ50107	Insulator	PNA500A

PNA Liner Selector Chart

	OEM Reference	Description	Length	Wire Size	Application	Colour	Nipple	350A	500A
A	TDT90004	Steel Liner (S121)	x 3.0m	1.0-1.2mm	Steel Wires	Black	A	■	
	TDT90005	Steel Liner (S121)	x 4.5m	1.0-1.2mm	Steel Wires	Black	A	■	
	TDT90006	Steel Liner (S121)	x 6.0m	1.0-1.2mm	Steel Wires	Black	A	■	
	TDT90001	Steel Liner (S161)	x 3.0m	1.2-1.6mm	Steel Wires	Black	A		■
	TDT90002	Steel Liner (S161)	x 4.5m	1.2-1.6mm	Steel Wires	Black	A		■
	TDT90003	Steel Liner (S161)	x 6.0m	1.2-1.6mm	Steel Wires	Black	A		■

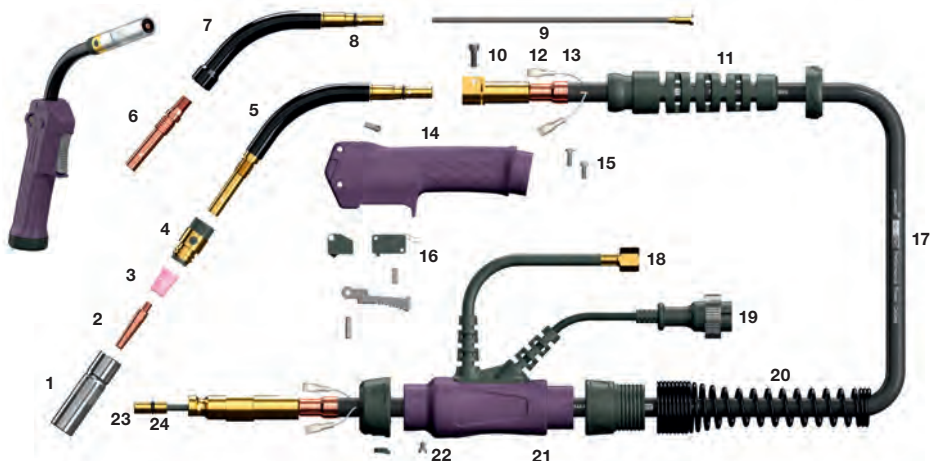
■ Solid Box = Recommended Liner



PNA 350A

Air Cooled MIG Welding Torch

350A CO₂, 300A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"-1/16"/0.8mm to 1.6mm Wire



Model

Stock Code	Description
YT-35CS3	Torch Package x 3m c/w PNA Termination
YT-35CSM3	Torch Package x 4.5m c/w PNA Termination
YT-35CSL3	Torch Package x 6m c/w PNA Termination
YT-35CS3ER	Torch Package x 3m c/w Euro Fitting
YT-35CSM3ER	Torch Package x 4.5m c/w Euro Fitting
YT-35CSL3ER	Torch Package x 6m c/w Euro Fitting

Components

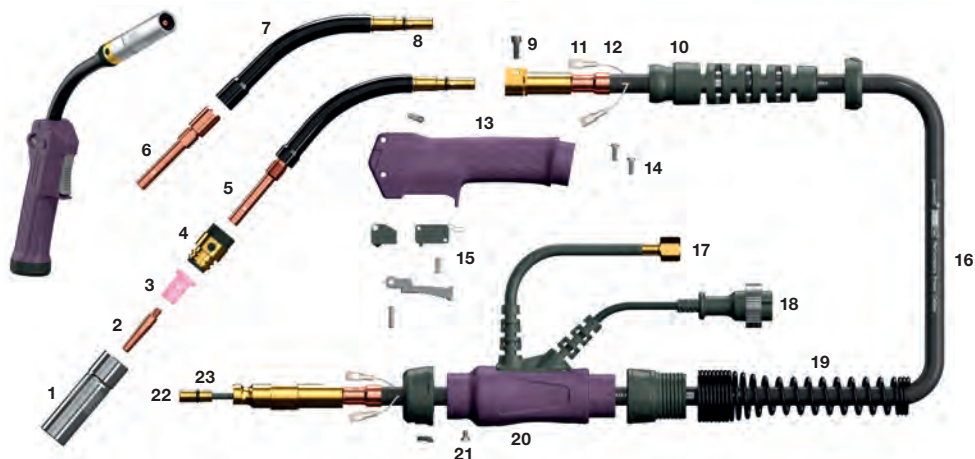
* Denotes Standard Build

Stock Code	Description
1 TGN00038	Nozzle
2 TET00844	Contact Tip .030"/0.8mm
TET01072	Contact Tip .040"/1.0mm
TET12010	Contact Tip .045"/1.2mm
3 TGR01001	Gas Diffuser
4 TFZ35101	Insulator
5 TCU35022	Torch Body Assembly Solid
6 TEB35116	Tip Adaptor Screw On
7 TCU35002	Torch Body Assembly Screw On Adaptor Type
8 P8-4D70N	O' Ring
9 TGT00034	Torch Body Liner 0.9mm-1.2mm
10 XVE5A15	Torch Body Locking Screw
11 PA8015	Cable Support c/w Knuckle Joint
12 PA1521	Switch Wire Terminal-Female
13 PA1521-C	Switch Wire Terminal Cover
14 TSMH0022	PNA Handle Kit
15 PA1513	Handle Fixing Screw Kit
16 AH70690F	Microswitch c/w Insulation Boot
17 PA3509-30	Cable Assembly x 3m
PA3509-45	Cable Assembly x 4.5m
PA3509-60	Cable Assembly x 6m
18 TWG18102	Gas Hose Assembly
19 TWU18101	Switch Lead and Plug Assembly
20 PA2841	Cable Support
21 TSMH0019	PNA Termination Housing c/w Nut
22 PA1526	Housing Screw Kit
23 TDT90004	Liner Assembly x 3m (S121)
TDT90005	Liner Assembly x 4.5m (S121)
TDT90006	Liner Assembly x 6m (S121)
24 P7-NBR70N	O' Ring

PNA 500A

Air Cooled MIG Welding Torch

500A CO₂, 450A Mixed Gas @ 60% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wire



Model

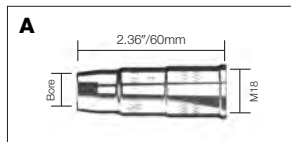
Stock Code	Description
YT-50CS3	Torch Package x 3m c/w PNA Termination
YT-50CSM3	Torch Package x 4.5m c/w PNA Termination
YT-50CSL3	Torch Package x 6m c/w PNA Termination
YT-50CS3ER	Torch Package x 3m c/w Euro Fitting
YT-50CSM3ER	Torch Package x 4.5m c/w Euro Fitting
YT-50CSL3ER	Torch Package x 6m c/w Euro Fitting

Components

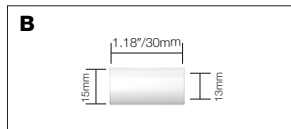
* Denotes Standard Build

Stock Code	Description
1 TGN00050	Nozzle 19mm
2 TET00842	Contact Tip .030"/0.8mm
TET01068	Contact Tip .040"/1.0mm
TET01297	Contact Tip .045"/1.2mm
3 TGR00902	Gas Diffuser
4 TFZ50107	Insulator
5 TCX00006	Torch Body Assembly Solid
6 U4173G21	Tip Adaptor Screw On
7 U5353B00	Torch Body Assembly Screw On Adaptor Type
8 P8-4D70N	'O' Ring
9 XVE5A15	Torch Body Locking Screw
10 PA8015	Cable Support c/w Knuckle Joint
11 PA1521	Switch Wire Terminal-Female
12 PA1521-C	Switch Wire Terminal Cover
13 TSMH0022	PNA Handle Kit
14 PA1513	Handle Fixing Screw Kit
15 AH70690F	Microswitch c/w Insulation Boot
16 PA5009-30	Cable Assembly x 3m
PA5009-45	Cable Assembly x 4.5m
PA5009-60	Cable Assembly x 6m
17 TWG18102	Gas Hose Assembly
18 TWU18101	Switch Lead And Plug Assembly
19 PA3641	Cable Support
20 TSMH0019	PNA Termination Housing c/w Nut
21 PA1526	Housing Screw Kit
22 TDT90001	Liner Assembly x 3m (S121)
TDT90002	Liner Assembly x 4.5m (S121)
TDT90003	Liner Assembly x 6m (S121)
23 P7-NBR70N	'O' Ring

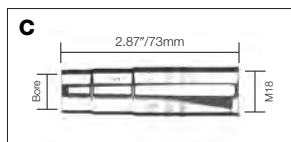
ESB Nozzles



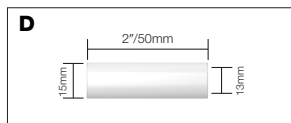
Stock Code	Description	Bore	Model
A 366-946-880	Nozzle + Insulator	.43"/11mm	PSF 160
366-854-880	Nozzle + Insulator	1/2"/13mm	PSF 160



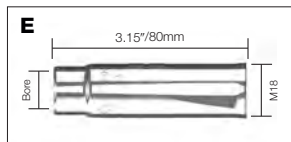
Stock Code	Description	Bore	Model
B 366-396-001	Nozzle Insulator	N/A	PSF 160



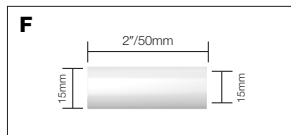
Stock Code	Description	Bore	Model
C 366-946-881	Nozzle + Insulator	15/32"/12mm	PSF 250
366-854-881	Nozzle + Insulator	9/16"/14mm	PSF 250



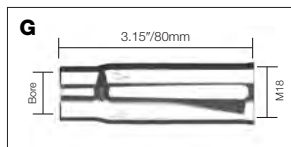
Stock Code	Description	Bore	Model
D 366-396-002	Nozzle Insulator	N/A	PSF 250



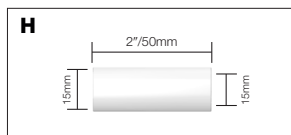
Stock Code	Description	Bore	Model
E 366-946-882	Nozzle + Insulator	1/2"/13mm	PSF 305/315
366-854-882	Nozzle + Insulator	5/8"/16mm	PSF 305/315



Stock Code	Description	Bore	Model
F 366-396-003	Nozzle Insulator	N/A	PSF 305/315



Stock Code	Description	Bore	Model
G 366-946-883	Nozzle + Insulator	9/16"/14mm	PSF 400/405
366-854-883	Nozzle + Insulator	5/8"/16mm	PSF 400/405

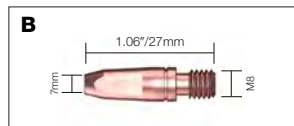


Stock Code	Description	Bore	Model
H 366-396-004	Nozzle Insulator	N/A	PSF 400/405

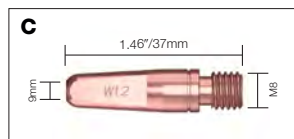
ESB Contact Tips



Stock Code	Description	Wire Size	Material	Model
A 153-500-001	Contact Tip M6	0.6mm/.023"	ECu	Range
	Contact Tip M6 (CO ₂)	0.8mm/.030"	ECu	Range
	Contact Tip M6	0.8mm/.030"	ECu	Range
	Contact Tip M6	0.9mm/.035"	ECu	Range
	Contact Tip M6	1.0mm/.040"	ECu	Range
	Contact Tip M6	1.2mm/.045"	ECu	Range

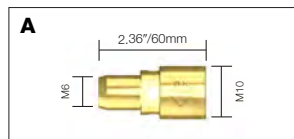


Stock Code	Description	Wire Size	Material	Model
B 468-500-001	Contact Tip M6	0.6mm/.023"	CuCrZr	Range
	Contact Tip M6 (CO ₂)	0.8mm/.030"	CuCrZr	Range
	Contact Tip M6	0.8mm/.030"	CuCrZr	Range
	Contact Tip M6	0.9mm/.035"	CuCrZr	Range
	Contact Tip M6	1.0mm/.040"	CuCrZr	Range
	Contact Tip M6	1.1mm/.043"	CuCrZr	Range
	Contact Tip M6	1.2mm/.045"	CuCrZr	Range
	Contact Tip M6	1.4mm/.055"	CuCrZr	Range

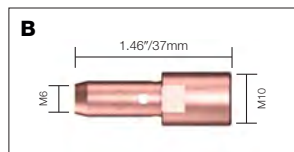


Stock Code	Description	Wire Size	Material	Model
C 468-502-003	Contact Tip M8	0.8mm/.030"	CuCrZr	Range
	Contact Tip M8	0.9mm/.035"	CuCrZr	Range
	Contact Tip M8	1.0mm/.040"	CuCrZr	Range
	Contact Tip M8	1.1mm/.043"	CuCrZr	Range
	Contact Tip M8	1.2mm/.045"	CuCrZr	Range
	Contact Tip M8	1.4mm/.055"	CuCrZr	Range
	Contact Tip M8	1.6mm/1/16"	CuCrZr	Range
	Contact Tip M8 (CO ₂)	1.6mm/1/16"	CuCrZr	Range

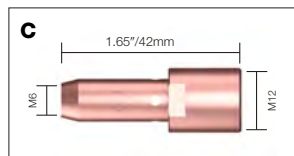
ESB Tip Adaptors



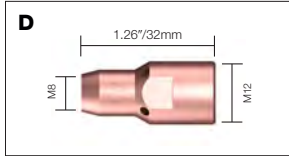
Stock Code	Description	Tip Thread	Neck Thread	Model
A 469-249-001	Tip Adaptor	M6	M10	PSF160



Stock Code	Description	Tip Thread	Neck Thread	Model
B 366-314-001	Tip Adaptor	M6	M10	PSF250



Stock Code	Description	Tip Thread	Neck Thread	Model
C 366-394-001	Tip Adaptor	M6	M12	PSF305/315



Stock Code	Description	Tip Thread	Neck Thread	Model
D 366-394-002	Tip Adaptor	M8	M12	PSF400/405

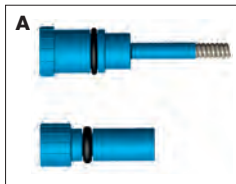
ESB Liner Selector Chart

Stock Code	Description	Length	Wire Size	Model	PSF160°	PSF250°	PSF305	PSF400
A 366-359-882	Steel Liner	3m	.023°-.030° / 0.6mm-0.8mm		■	■	■	■
A 366-549-883	Steel Liner	4.5m	.023°-.030° / 0.6mm-0.8mm		■	■	■	■
A 366-549-884	Steel Liner	3m	.035°-.040° / 0.9mm-1.0mm		■	■	■	■
A 366-549-885	Steel Liner	4.5m	.035°-.040° / 0.9mm-1.0mm		■	■	■	■
A 366-549-886	Steel Liner	3m	.045° / 1.2mm		■	■	■	■
A 366-549-887	Steel Liner	3m	.045° / 1.2mm		■	■	■	■
A 366-549-888	Steel Liner	3m	1/16° / 1.6mm		□	□	□	□
A 366-549-889	Steel Liner	4.5m	1/16° / 1.6mm		□	□	□	□
A 366-550-884	Nylon Liner	3m	.035°-.040° / 0.9mm-1.0mm		■	■	■	■
A 366-550-885	Nylon Liner	4.5m	.035°-.040° / 0.9mm-1.0mm		■	■	■	■
A 366-550-886	Nylon Liner	3m	.045° / 1.2mm		□	□	□	□
A 366-550-887	Nylon Liner	4.5m	.045° / 1.2mm		□	□	□	□
A 366-550-891	Nylon Liner	4.5m	1/16° / 1.6mm		□	□	□	□

■ Solid Box = Recommended Liner

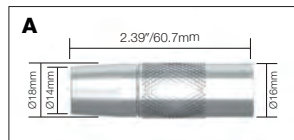
□ Clear Box = Compatible Liner

*Torch models are not illustrated but are available to order as a Custom Build, please contact the sales office for more information.

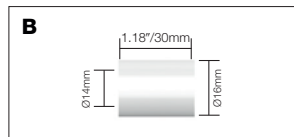


All Liners supplied with Euro and Power Pin Nipple.

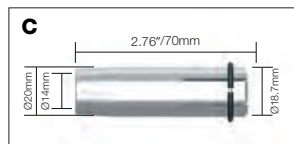
KMP Nozzles



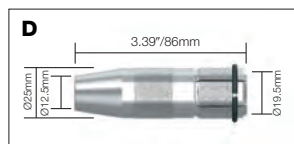
Stock Code	Description	Bore	Model
A 9580101	Conical Nozzle	14mm/.55"	MT 18,25,KMG 20,25



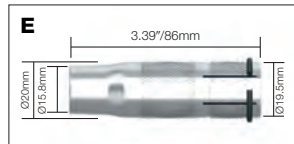
Stock Code	Description	Bore
B 9591010	Nozzle Insulator	N/A



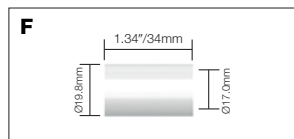
Stock Code	Description	Bore	Length	Model
C 4294970	Conical Nozzle (M6) 14mm/.55"		70mm	PMT 27,32,30W
4295760	Conical Nozzle (M8) 14mm/.55"		76mm	PMT 27,32,30W



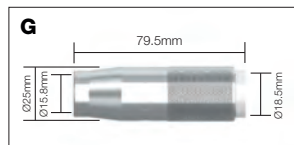
Stock Code	Description	Bore	Model
D 4273510	Conical Nozzle	12.5mm/.49"	PMT 30,40,50



Stock Code	Description	Bore	Model
E 4255530	Cylindrical Nozzle	16mm/5/8"	MT 38,KMG 40, PMT 30-50



Stock Code	Description	Bore
F 4248710	Nozzle Insulator	N/A

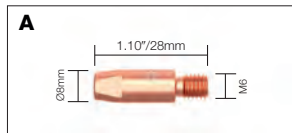


Stock Code	Description	Bore	Model
G 4259120	Cylindrical Nozzle	16mm/5/8"	MT 32,KMG 32

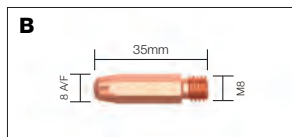
Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

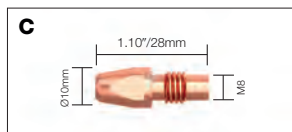
KMP Contact Tips



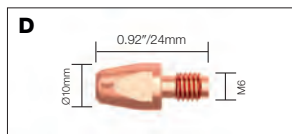
Stock Code	Description	Wire Size	Material	Model
A 9876634	Contact Tip	0.6mm/.023"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9876635	Contact Tip	0.8mm/.030"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9876633	Contact Tip	0.9mm/.035"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9876636	Contact Tip	1.0mm/.040"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9876637	Contact Tip	1.2mm/.045"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9876639	Contact Tip	1.6mm/1/16"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W



Stock Code	Description	Wire Size	Material	Model
B 9580122	Contact Tip	0.8mm/.030"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580121	Contact Tip	0.9mm/.035"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580123	Contact Tip	1.0mm/.040"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580124	Contact Tip	1.2mm/.045"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580124A	Contact Tip Al Wire	1.2mm/.045"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580125	Contact Tip	1.4mm/.055"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W
9580126	Contact Tip	1.6mm/1/16"	ECu	MT 18-38,KMG 20-40,PMT 25-32,30W

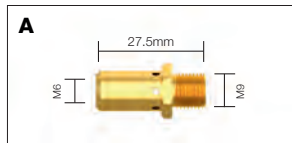


Stock Code	Description	Wire Size	Material	Model
C 4266880	Short Contact Tip	0.8mm/.030"	ECu	PMT 30-50,41W,51W
4266890	Short Contact Tip	1.0mm/.040"	ECu	PMT 30-50,41W,51W
4266900	Short Contact Tip	1.2mm/.045"	ECu	PMT 30-50,41W,51W
4266910	Short Contact Tip	1.4mm/.055"	ECu	PMT 30-50,41W,51W
4266920	Short Contact Tip	1.6mm/1/16"	ECu	PMT 30-50,41W,51W
4266930	Short Contact Tip	2.0mm/5/64"	ECu	PMT 41W,51W
4266940	Short Contact Tip	2.4mm/3/32"	ECu	PMT 41W,51W

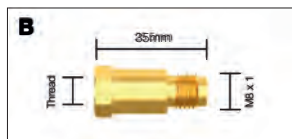


Stock Code	Description	Wire Size	Material	Model
D 4266830	Short Contact Tip	0.8mm/.030"	ECu	PMT 41W
4266840	Short Contact Tip	1.0mm/.040"	ECu	PMT 41W
4266850	Short Contact Tip	1.2mm/.045"	ECu	PMT 41W
4266860	Short Contact Tip	1.4mm/.055"	ECu	PMT 41W
4266870	Short Contact Tip	1.6mm/1/16"	ECu	PMT 41W

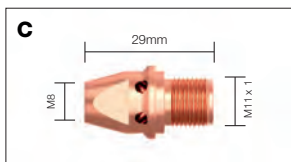
KMP Tip Adaptors



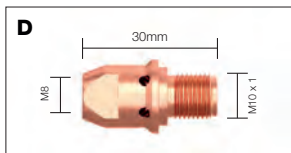
Stock Code	Description	Tip Thread	Neck Thread	Model
A 9580173	Tip Adaptor M8	M6	M9	MT 18,25,KMG 20,25



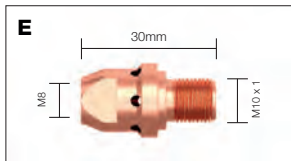
Stock Code	Description	Tip Thread	Neck Thread	Model
B 4295740	Tip Adaptor M8	M8	M8x1	PMT 27,32,30W
4294890	Tip Adaptor M6	M6		PMT 27,32,30W



Stock Code	Description	Tip Thread	Neck Thread	Model
C 426964001	Tip Adaptor M8	M8	M11x1	PMT 30-50

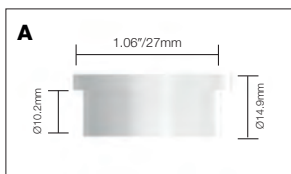


Stock Code	Description	Tip Thread	Neck Thread	Model
D 4255420	Tip Adaptor M8	M8	M10x1	MT 38,KMG 40



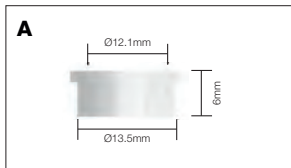
Stock Code	Description	Tip Thread	Neck Thread	Model
E 4255421	Tip Adaptor M8	M8	M10x1	MT 38,KMG 40

KMP Gas Diffusers

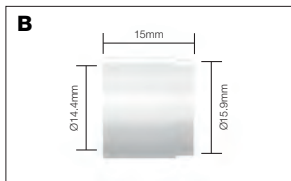


Stock Code	Description	Model
A 4294880	Gas Diffuser	PMT27,32,30W

KMP Insulating Rings



Stock Code	Description	Model
A 9591079	Insulating Ring	MT18,25,KMG20,25



Stock Code	Description	Model
B 4270290	Insulating Ring	MT 40,PMT 30-50

KMP Liner Selector Chart

Stock Code	Description	Length	Wire Size	Application	Colour	Nipple
4188578	Steel Liner	x 2.5m	0.023"-0.030"/0.6-0.8mm	Steel Wires	White	A
4188579	Steel Liner	x 3.0m	0.023"-0.030"/0.6-0.8mm	Steel Wires	White	A
4188571	Steel Liner	x 3.0m	0.023"-0.030"/0.6-0.8mm	Steel Wires	White	B
4188572	Steel Liner	x 4.5m	0.023"-0.030"/0.6-0.8mm	Steel Wires	White	B
4188577	Steel Liner	x 4.0m	0.023"-0.030"/0.6-0.8mm	Steel Wires	White	B
4188588	Steel Liner	x 2.5m	0.035"-0.045"/0.9-1.2mm	Steel Wires	Red	A
4188589	Steel Liner	x 3.0m	0.035"-0.045"/0.9-1.2mm	Steel Wires	Red	A
4302100	Polyamide-Copper Liner	x 3.0m	0.035"-0.045"/0.9-1.2mm	Soft Wires		C
4188590	Steel Liner	x 4.0m	0.063"/1.6mm	Steel Wires	Yellow	B
4188591	Steel Liner	x 3.0m	0.063"/1.6mm	Steel Wires	Yellow	B
4188592	Steel Liner	x 4.5m	0.063"/1.6mm	Steel Wires	Yellow	B
4300850	Polyamide-Copper Liner	x 4.5m	0.030"-0.063"/0.8-1.6mm	Soft Wires		D
4188581	Steel Liner	x 3.0m	0.035"-0.045"/0.9-1.2mm	Steel Wires	Red	B
4188587	Steel Liner	x 4.0m	0.035"-0.045"/0.9-1.2mm	Steel Wires	Red	B
4188582	Steel Liner	x 4.5m	0.035"-0.045"/0.9-1.2mm	Steel Wires	Red	B
4302710	Polyamide-Copper Liner	x 4.5m	0.045"-0.063"/1.2-1.6mm	Soft Wires		D

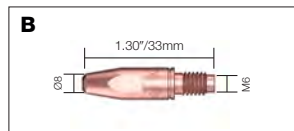
Stock Code	Miggr	MT										KMG					
		18	25	32	38	40	42	41W	51W	52W		15	17	20	25	32	40
4188578																	
4188579																	
4188571																	
4188572																	
4188577																	
4188588																	
4188589																	
4302100																	
4188590																	
4188591																	
4188592																	
4300850																	
4188581																	
4188587																	
4188582																	
4302710																	

Stock Code	PMT									
	25	27	30	32	40	42	50	30W	41W	51W 52W
4188578										
4188579										
4188571										
4188572										
4188577										
4188588										
4188589										
4302100										
4188590										
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4188592										
4300850										
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4188582										
4302710										

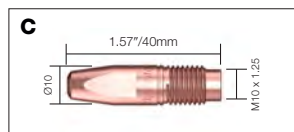
FRN Contact Tips



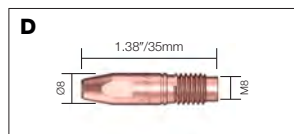
Stock Code	Description	Wire Size	Material	Model
A 42.0001.0052	Contact Tip M6	0.6mm/.023"	CuCrZr	AL225, 2300, 2500, 262, 3000, 4000, AW225, 352



Stock Code	Description	Wire Size	Material	Model
B 42.0001.0053	Contact Tip M6	0.8mm/.030"	CuCrZr	AL225, 2300, 2500, 262, 3000, 4000, AW225, 352
42.0001.0054	Contact Tip M6	1.0mm/.040"	CuCrZr	AL225, 2300, 2500, 262, 3000, 4000, AW225, 352
42.0001.0055	Contact Tip M6	1.2mm/.045"	CuCrZr	AL225, 2300, 2500, 262, 3000, 4000, AW225, 352



Stock Code	Description	Wire Size	Material	Model
C 42.0001.1576	Contact Tip M10	0.8mm/.030"	CuCrZr	AL372, 4000, 5000, AW502
42.0001.1577	Contact Tip M10	1.0mm/.040"	CuCrZr	AL372, 4000, 5000, AW502
42.0001.1578	Contact Tip M10	1.2mm/.045"	CuCrZr	AL372, 4000, 5000, AW502
42.0001.1930	Contact Tip M10	1.4mm/.055"	CuCrZr	AL372, 4000, 5000, AW502
42.0001.1579	Contact Tip M10	1.6mm/1/16"	CuCrZr	AL372, 4000, 5000, AW502



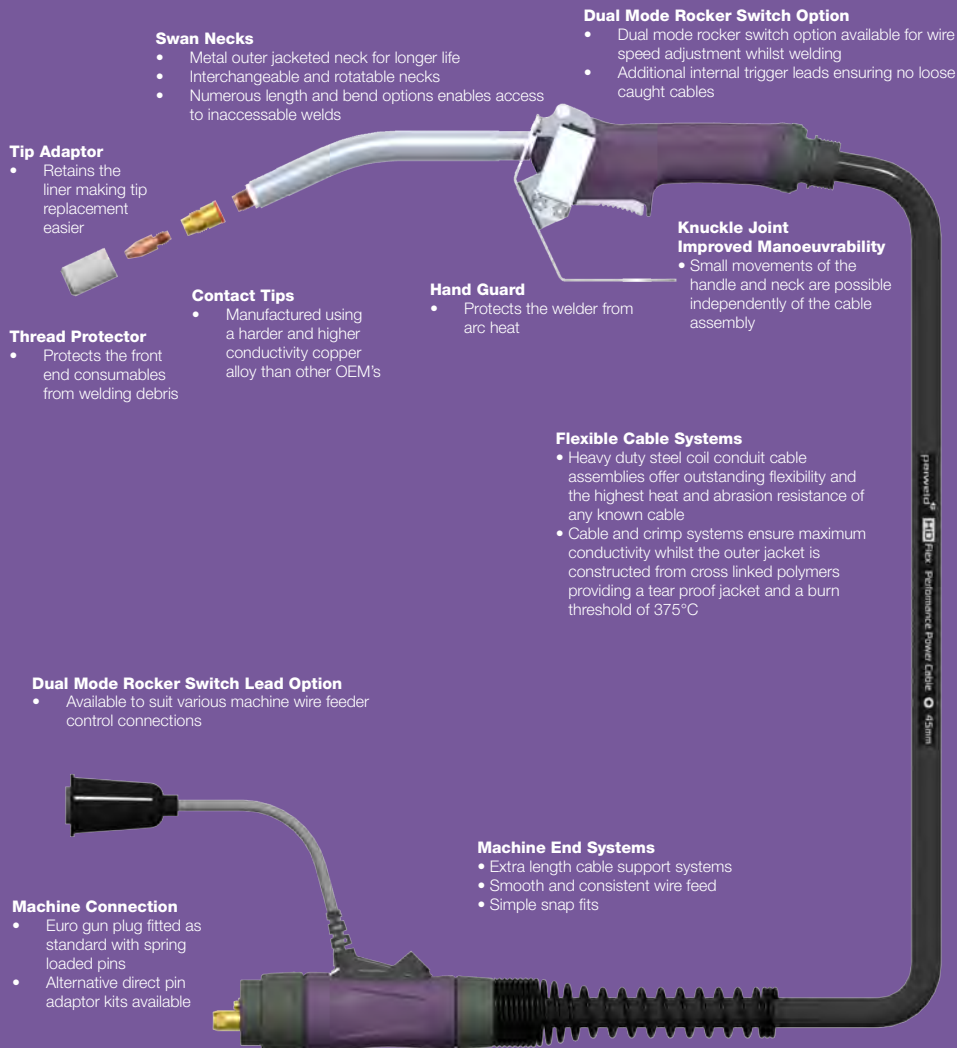
Stock Code	Description	Wire Size	Material	Model
D 42.0001.2911	Contact Tip M8	0.8mm/.030"	CuCrZr	AL3000, 4000
42.0001.2912	Contact Tip M8	1.0mm/.040"	CuCrZr	AL3000, 4000
42.0001.2913	Contact Tip M8	1.2mm/.045"	CuCrZr	AL3000, 4000

Roll Marking

All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

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Reference to the original manufacturer is for reference only.

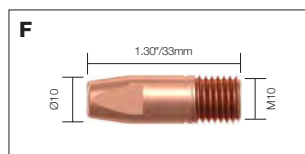
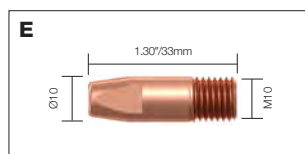
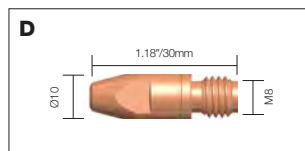
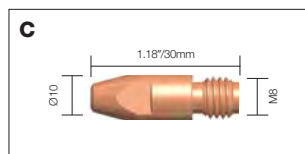
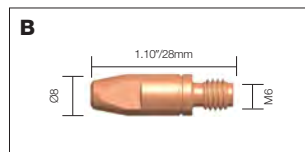
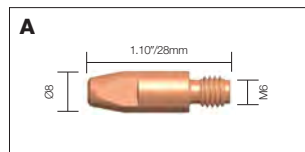
PRO-FC Features and Benefits



Quality Standard

- All torches rigorously tested using computered and automated test equipment at the design stage through to production.
- All components pass rigorous quality control checks prior to assembly.
- All torches are designed to be tough and damage resistant and comply with EN60974-7.

Contact Tips



Stock Code	Description	Wire Size	Material	Model
A LNE2504-10	Contact Tip	1.0mm – .040"	ECu	LNE 350A
LNE2504-12	Contact Tip	1.2mm – .045"	ECu	LNE 350A
LNE2504-14	Contact Tip	1.4mm – .055"	ECu	LNE 350A
LNE2504-16	Contact Tip	1.6mm – 1/16"	ECu	LNE 350A

Stock Code	Description	Wire Size	Material	Model
B LNE2505-10	Contact Tip	1.0mm – .040"	ECu	LNE 350A
LNE2505-12	Contact Tip	1.2mm – .045"	ECu	LNE 350A
LNE2505-14	Contact Tip	1.4mm – .055"	ECu	LNE 350A
LNE2505-16	Contact Tip	1.6mm – 1/16"	ECu	LNE 350A

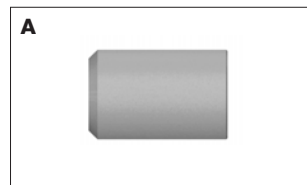
Stock Code	Description	Wire Size	Material	Model
C LNE4014-10	Contact Tip	1.0mm – .040"	ECu	LNE 350A, 450A
LNE4014-12	Contact Tip	1.2mm – .045"	ECu	LNE 350A, 450A
LNE4014-14	Contact Tip	1.4mm – .055"	ECu	LNE 350A, 450A
LNE4014-16	Contact Tip	1.6mm – 1/16"	ECu	LNE 350A, 450A
LNE4014-20	Contact Tip	2.0mm – 5/64"	ECu	LNE 350A, 450A
LNE4014-24	Contact Tip	2.4mm – 3/32"	ECu	LNE 350A, 450A

Stock Code	Description	Wire Size	Material	Model
D LNE4015-10	Contact Tip	1.0mm – .040"	CuCrZr	LNE 350A, 450A
LNE4015-12	Contact Tip	1.2mm – .045"	CuCrZr	LNE 350A, 450A
LNE4015-14	Contact Tip	1.4mm – .055"	CuCrZr	LNE 350A, 450A
LNE4015-16	Contact Tip	1.6mm – 1/16"	CuCrZr	LNE 350A, 450A
LNE4015-20	Contact Tip	2.0mm – 5/64"	CuCrZr	LNE 350A, 450A
LNE4015-24	Contact Tip	2.4mm – 3/32"	CuCrZr	LNE 350A, 450A

Stock Code	Description	Wire Size	Material	Model
E LNE4524-16	Contact Tip	1.6mm – 1/16"	ECu	LNE 450A
LNE4524-20	Contact Tip	2.0mm – 5/64"	ECu	LNE 450A
LNE4524-24	Contact Tip	2.4mm – 3/32"	ECu	LNE 450A
LNE4524-28	Contact Tip	2.8mm – .110"	ECu	LNE 450A
LNE4524-32	Contact Tip	3.2mm – 1/8"	ECu	LNE 450A

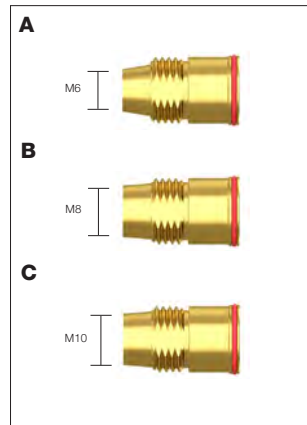
Stock Code	Description	Wire Size	Material	Model
F LNE4525-16	Contact Tip	1.6mm – 1/16"	CuCrZr	LNE 450A
LNE4525-20	Contact Tip	2.0mm – 5/64"	CuCrZr	LNE 450A
LNE4525-24	Contact Tip	2.4mm – 3/32"	CuCrZr	LNE 450A
LNE4525-28	Contact Tip	2.8mm – .110"	CuCrZr	LNE 450A
LNE4525-32	Contact Tip	3.2mm – 1/8"	CuCrZr	LNE 450A

Thread Protectors



	Stock Code	Description	Tips	Model
A	LNE3502	Thread Protector	M6	LNE 350A
	LNE4502	Thread Protector	M8, M10	LNE 350A, 450A

Tip Adaptors



	Stock Code	Description	Tips	Model
A	LNE3506	Tip Adaptor	M6	LNE 350A
B	LNE4508	Tip Adaptor	M8	LNE 350A, 450A
C	LNE4510	Tip Adaptor	M10	LNE 450A

Swan Necks

A



Stock Code	Description	Length	Angle
A LNE35605	Swan Neck	6"	5°

B



Stock Code	Description	Length	Angle
B LNE35630	Swan Neck	6"	30°

C



Stock Code	Description	Length	Angle
C LNE35650	Swan Neck	6"	50°

D



Stock Code	Description	Length	Angle
D LNE45925	Swan Neck	9"	25°

E



Stock Code	Description	Length	Angle
E LNE45945	Swan Neck	9"	45°

F



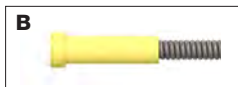
Stock Code	Description	Length	Angle
F LNE45970	Swan Neck	9"	70°

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Liner Selector Chart

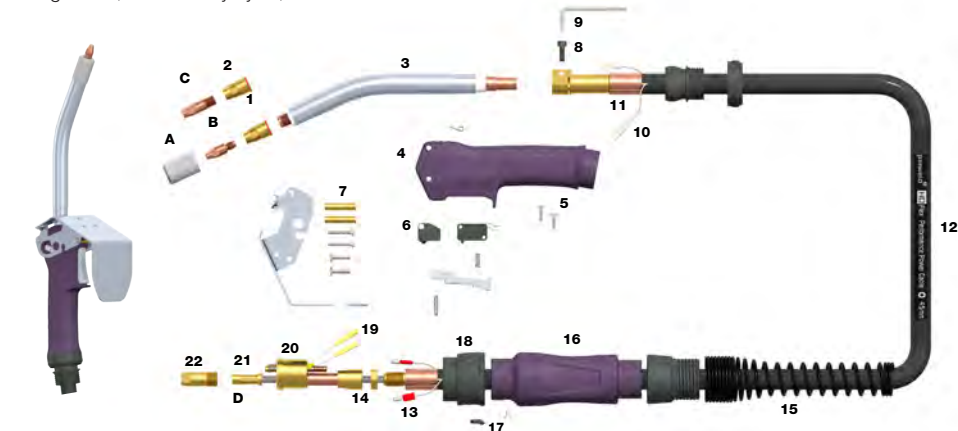
Stock Code	Description	Length	Length	Wire Size	Wire Size	Model	LNE 350A	LNE 450A
A	LNE5033-08	8ft	2.5mt	.040"- .045"	1.0mm-1.2mm		■	
	LNE5033-10	10ft	3.0mt	.040"- .045"	1.0mm-1.2mm		■	
	LNE5033-15	15ft	4.6mt	.040"- .045"	1.0mm-1.2mm		■	
B	LNE5034-08	8ft	2.5mt	.045"-1/16"	1.2mm-1.6mm		■	
	LNE5034-10	10ft	3.0mt	.045"-1/16"	1.2mm-1.6mm		■	
	LNE5034-15	15ft	4.6mt	.045"-1/16"	1.2mm-1.6mm		■	
C	LNE4033-08	8ft	2.5mt	5/64"-3/32"	2.0mm-2.4mm		■	
	LNE4033-10	10ft	3.0mt	5/64"-3/32"	2.0mm-2.4mm		■	
	LNE4033-15	15ft	4.6mt	5/64"-3/32"	2.0mm-2.4mm		■	
D	LNE6033-08	8ft	2.5mt	1/16"-3/32"	1.6mm-2.4mm			■
	LNE6033-10	10ft	3.0mt	1/16"-3/32"	1.6mm-2.4mm			■
	LNE6033-15	15ft	4.6mt	1/16"-3/32"	1.6mm-2.4mm			■
D	LNE6034-08	8ft	2.5mt	3/32"	2.4mm			■
	LNE6034-10	10ft	3.0mt	3/32"	2.4mm			■
	LNE6034-15	15ft	4.6mt	3/32"	2.4mm			■
D	LNE6035-08	8ft	2.5mt	.11"-1/8"	2.8mm-3.2mm			■
	LNE6035-10	10ft	3.0mt	.11"-1/8"	2.8mm-3.2mm			■
	LNE6035-15	15ft	4.6mt	.11"-1/8"	2.8mm-3.2mm			■



PRO-FC 450A

Self Shielded Flux Core Welding Torch

Rating: 450A, @ 60% duty cycle, EN60974-7 1/16-1 / 1.6mm to 3.2mm wire



Model

Stock Code	8ft	10ft	15ft	Model Description
LNE4500	-08E	-10E	15E	Welding Torch c/w Euro Fitting

Thread Protector

Stock Code	Description
A LNE4502*	Thread Protector M8 and M10 Tips

Tips

Stock Code	Description
B LNE4014-16	Contact Tip, 1.6mm/1/16", M8, ECu
LNE4014-20*	Contact Tip, 2.0mm/5/64", M8, ECu
LNE4014-24	Contact Tip, 2.4mm/3/32", M8, ECu
LNE4015-16	Contact Tip, 1.6mm/1/16", M8, CuCrZr
LNE4015-20	Contact Tip, 2.0mm/5/64", M8, CuCrZr
LNE4015-24	Contact Tip, 2.4mm/3/32", M8, CuCrZr
C LNE4514-16	Contact Tip, 1.6mm/1/16", M10, ECu
LNE4514-20	Contact Tip, 2.0mm/5/64", M10, ECu
LNE4514-24	Contact Tip, 2.4mm/3/32", M10, ECu
LNE4514-28	Contact Tip, 2.8mm/7/64", M10, ECu
LNE4514-32	Contact Tip, 3.2mm/1/8", M10, ECu
LNE4515-16	Contact Tip, 1.6mm/1/16", M10, CuCrZr
LNE4515-20	Contact Tip, 2.0mm/5/64", M10, CuCrZr
LNE4515-24	Contact Tip, 2.4mm/3/32", M10, CuCrZr
LNE4515-28	Contact Tip, 2.8mm/7/64", M10, CuCrZr
LNE4515-32	Contact Tip, 3.2mm/1/8", M10, CuCrZr

Liners

Stock Code	Description
D LNE6033-08*	Plain Liner, 1.6-2.4mm/1/16"-3/32" x 8ft
LNE6033-10*	Plain Liner, 1.6-2.4mm/1/16"-3/32" x 10ft
LNE6033-15*	Plain Liner, 1.6-2.4mm/1/16"-3/32" x 15ft
LNE6035-08	Plain Liner, 2.8-3.2mm/.11"-1/8" x 8ft
LNE6035-10	Plain Liner, 2.8-3.2mm/.11"-1/8" x 10ft
LNE6035-15	Plain Liner, 2.8-3.2mm/.11"-1/8" x 15ft

Components

Stock Code	Description	* Denotes Standard Build
1 LNE4508*	Tip Adaptor, M8	
2 LNE4510	Tip Adaptor, M10	
3 LNE45925	Swan Neck, 9" x 25"	
4 LNE0022K	Handle Kit c/w Trigger, Screws, Support and Nut	
5 LNE1513	Handle Fixing Screw Kit	
6 LNE690F	Microswitch c/w Rubber Boot	
7 LNE-HSK	Heat Shield Kit c/w Screws	
8 LNE5A15	Torch Body Locking Screw	
9 LNE-KEY	Hexagonal Key, 4mm	
10 LNE1521	Switch Wire Terminals - Female	
11 LNE1521-C	Switch Wire Terminal Covers	
12 LNE4508RZ	Cable Assembly x 8ft	
LNE4510RZ	Cable Assembly x 10ft	
LNE4515RZ	Cable Assembly x 15ft	
13 LNE1522	Switch Wire Terminals - Male	
14 LNE1543	Lock Nut, M14	
15 LNE8026	Spring Cable Support	
16 LNE1518	Gun Plug Housing c/w Nut	
17 LNE1526	Gun Plug Screw	
18 LNE1519	Gun Plug Nut	
19 Spring Pin 2	Spring Pin Assembly	
20 LNE6028	Euro Gun Plug Body c/w Spring Pins	
21 LNE1524	Gun Plug Body O Ring	
22 LNE1525	Liner Retaining Nut	
NI LNE-RSK	Rocker Switch Kit c/w Switch, Housing, Leads & Screws	

Rocker Switch Kit Option



Rocker Switch

Stock Code	Description
A LNE-RSK	Rocker Switch Kit c/w switch, housing, Leads and Screws

Note

Switch lead plug options are available on request.

Direct Pin Connector Liner Selector Chart

Stock Code	Description	Length	Length	Wire Size	Wire Size	Model	LNE 350A	LNE 450A
A LNE5033-08P	Plain Liner	8ft	2.5mt	0.040"-0.045"	1.0mm-1.2mm		■	
LNE5033-10P	Plain Liner	10ft	3.0mt	0.040"-0.045"	1.0mm-1.2mm		■	
LNE5033-15P	Plain Liner	15ft	4.6mt	0.040"-0.045"	1.0mm-1.2mm		■	
A LNE5034-08P	Plain Liner	8ft	2.5mt	0.045"-1/16"	1.2mm-1.6mm		■	
LNE5034-10P	Plain Liner	10ft	3.0mt	0.045"-1/16"	1.2mm-1.6mm		■	
LNE5034-15P	Plain Liner	15ft	4.6mt	0.045"-1/16"	1.2mm-1.6mm		■	
A LNE4033-08P	Plain Liner	8ft	2.5mt	5/64"-3/32"	2.0mm-2.4mm		■	
LNE4033-10P	Plain Liner	10ft	3.0mt	5/64"-3/32"	2.0mm-2.4mm		■	
LNE4033-15P	Plain Liner	15ft	4.6mt	5/64"-3/32"	2.0mm-2.4mm		■	
B LNE6033-08P	Plain Liner	8ft	2.5mt	1/16"-3/32"	1.6mm-2.4mm			■
LNE6033-10P	Plain Liner	10ft	3.0mt	1/16"-3/32"	1.6mm-2.4mm			■
LNE6033-15P	Plain Liner	15ft	4.6mt	1/16"-3/32"	1.6mm-2.4mm			■
B LNE6034-08P	Plain Liner	8ft	2.5mt	3/32"	2.4mm			■
LNE6034-10P	Plain Liner	10ft	3.0mt	3/32"	2.4mm			■
LNE6034-15P	Plain Liner	15ft	4.6mt	3/32"	2.4mm			■
B LNE6035-08P	Plain Liner	8ft	2.5mt	0.11"-1/8"	2.8mm-3.2mm			■
LNE6035-10P	Plain Liner	10ft	3.0mt	0.11"-1/8"	2.8mm-3.2mm			■
LNE6035-15P	Plain Liner	15ft	4.6mt	0.11"-1/8"	2.8mm-3.2mm			■



USA Direct Pin Machine Connection Kits



Miller® Configuration

Stock Code	Description	Models
A ML6028MK	LNE - Miller® Machine Connector Kit	LNE 350A, 450A

Tweco® No.4 (NAS) Configuration

Stock Code	Description	Models
B TW6028MK	LNE - Tweco® No. 4 (NAS) Machine Connector Kit	LNE 350A, 450A

Hobart® Configuration

Stock Code	Description	Models
C HB6028MK	LNE - Hobart® Machine Connector Kit	LNE 350A, 450A

Lincoln® SP Configuration

Stock Code	Description	Models
D LSP6028MK	LNE - Lincoln® SP Machine Connector Kit	LNE 350A, 450A

Lincoln® LN Configuration

Stock Code	Description	Models
E LN6028MK	LNE - Lincoln® LN Machine Connector Kit	LNE 350A, 450A

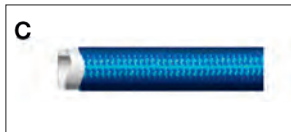
Hose



Stock Code	Description	Bore	Outer Diameter
A B5012B	Reinforced PVC Hose Blue	5mm/3/16"	8mm/5/16"



Stock Code	Description	Bore	Outer Diameter
B B5012R	Reinforced PVC Hose Red	5mm/3/16"	8mm/5/16"



Stock Code	Description	Bore	Outer Diameter
C B5012OBB	Rubber Overbraid Hose Blue	5mm/3/16"	8.5mm/33"



Stock Code	Description	Bore	Outer Diameter
D B5012OBR	Rubber Overbraid Hose Red	5mm/3/16"	8.5mm/33"

Sheath



Stock Code	Description	Bore	Outer Diameter
E 4X1.2MM	Black Reinforced PVC Hose	4mm/5/32"	6.4mm/.25"
5X1.2MM	Black Reinforced PVC Hose	5mm/3/16"	7.4mm/.030"



Stock Code	Description	Bore	Outer Diameter
F 7606-A	Argon Nylon Braided Hose	6mm/1/4"	10mm/3/8"
7610-A	Argon Nylon Braided Hose	10mm/3/8"	13mm/1/2"



Stock Code	Description	Bore	Wall Thickness
G B5019	Rubberised Canvas Cover Plain	25mm/.98"	1.5mm/.06"
B6019	Rubberised Canvas Cover Plain	28mm/1.10"	1.5mm/.06"

Coaxial Cable



Stock Code	Description	Control Leads	Core To Inner Diameter	Core To Material
H HX16MM	16mm ² Coax Cable	2	6mm/1/4"	Rubber
HX25MM	25mm ² Coax Cable	2	6mm/1/4"	Rubber
HX35MM	35mm ² Coax Cable	2	6mm/1/4"	Rubber
HX42MM	42mm ² Coax Cable	4	6mm/1/4"	Nylon
HX50MM	50mm ² Coax Cable	2	6mm/1/4"	Rubber
HX52MM	52mm ² Coax Cable	4	8mm/5/16"	Nylon
HX70MM	70mm ² Coax Cable	4	9mm/.035"	Nylon

Liner Material



Stock Code	Description	Bore	Outer Diameter	Wire Size
A B1564P	Polyamide Liner	2.0mm/5/64"	4.0mm/5/32"	0.8-1.2mm/.030"-.045"
B2564P	Polyamide Liner	2.3mm/.09"	4.7mm/.19"	1.2-1.6mm/.045"-.1/16"
B3564P	Polyamide Liner	2.9mm/.11"	4.7mm/.19"	1.6-2.0mm/1/16"-5/64"



Stock Code	Description	Bore	Outer Diameter	Wire Size
B B1536B	Teflon Liner	1.5mm/.06"	4.0mm/5/32"	0.6-0.9mm/.023"-.035"



Stock Code	Description	Bore	Outer Diameter	Wire Size
C B2513	Teflon Liner	2.1mm/5/64"	3.9mm/.15"	1.0-1.2mm/.040"-.045"



Stock Code	Description	Bore	Outer Diameter	Wire Size
D B3626	Teflon Liner	2.8mm/.11"	4.6mm/.18"	1.2-1.6mm/.045"-.1/16"



Stock Code	Description	Bore	Outer Diameter	Wire Size
E B2554	Carbon Teflon Liner	2.0mm/5/64"	4.0mm/5/32"	1.0-1.2mm/.040"-.045"



Stock Code	Description	Bore	Outer Diameter	Wire Size
F B3554	Carbon Teflon Liner	2.7mm/.10"	4.7mm/.19"	1.2-1.6mm/.045"-.1/16"

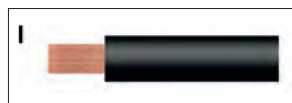


Stock Code	Description	Bore	Outer Diameter
G B2524PC	PVC Coated Liner	2.0mm/5/64"	4.5mm/.18"



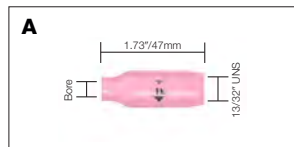
Stock Code	Description	Bore	Outer Diameter
H B3631PC	PVC Coated Liner	2.5mm/.10"	4.5mm/.18"

Welding Cable

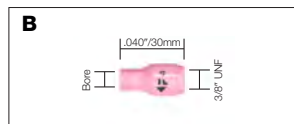


Stock Code	Description	Size
I 16MMCC	PVC Welding Cable	16mm²
25MMCC	PVC Welding Cable	25mm²
35MMCC	PVC Welding Cable	35mm²
50MMCC	PVC Welding Cable	50mm²
70MMCC	PVC Welding Cable	70mm²

Ceramics



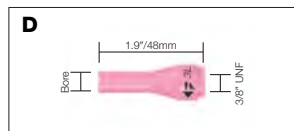
Stock Code	Description	Size	Bore	Model
A 10N44	Ceramic Cup	12	19mm/3/4"	PRO/ECR/WP17-26
10N45	Ceramic Cup	10	16mm/5/8"	PRO/ECR/WP17-26
10N46	Ceramic Cup	8	13mm/1/2"	PRO/ECR/WP17-26
10N47	Ceramic Cup	7	11mm/7/16"	PRO/ECR/WP17-26
10N48	Ceramic Cup	6	10mm/3/8"	PRO/ECR/WP17-26
10N49	Ceramic Cup	5	8mm/5/16"	PRO/ECR/WP17-26
10N50	Ceramic Cup	4	6mm/1/4"	PRO/ECR/WP17-26



Stock Code	Description	Size	Bore	Model
B 13N08	Ceramic Cup	4	6mm/1/4"	PRO/ECR/WP9,20
13N09	Ceramic Cup	5	8mm/5/16"	PRO/ECR/WP9,20
13N10	Ceramic Cup	6	10mm/3/8"	PRO/ECR/WP9,20
13N11	Ceramic Cup	7	11mm/7/16"	PRO/ECR/WP9,20
13N12	Ceramic Cup	8	13mm/1/2"	PRO/ECR/WP9,20
13N13	Ceramic Cup	10	16mm/5/8"	PRO/ECR/WP9,20



Stock Code	Description	Size	Bore	Model
C 10N47L	Long Ceramic	7L	11mm/7/16"	PRO/ECR/WP17-26
10N48L	Long Ceramic	6L	10mm/3/8"	PRO/ECR/WP17-26
10N49L	Long Ceramic	5L	8mm/5/16"	PRO/ECR/WP17-26



Stock Code	Description	Size	Bore	Model
D 796F70	Long Ceramic	3L	5mm/3/16"	PRO/ECR/WP9,20
796F71	Long Ceramic	4L	6mm/1/4"	PRO/ECR/WP9,20
796F72	Long Ceramic	5L	8mm/5/16"	PRO/ECR/WP9,20
796F73	Long Ceramic	6L	10mm/3/8"	PRO/ECR/WP9,20



Stock Code	Description	Size	Bore	Model
E 796F74	Extra Long Ceramic 3XL		5mm/3/16"	PRO/ECR/WP9,20

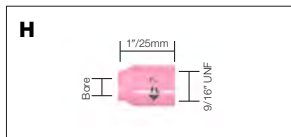


Stock Code	Description	Size	Bore	Model
F 796F75	Extra Long Ceramic 4XL		6mm/1/4"	PRO/ECR/WP9,20
796F76	Extra Long Ceramic 5XL		8mm/5/16"	PRO/ECR/WP9,20
796F77	Extra Long Ceramic 6XL		10mm/3/8"	PRO/ECR/WP9,20

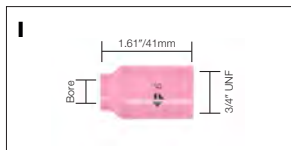
Gas Lens Ceramics



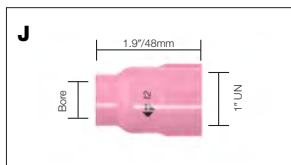
Stock Code	Description	Size	Bore	Model
G 54N15L	Long Gas Lens	7L	11mm/7/16"	PRO/ECR/WP17-26
54N16L	Long Gas Lens	6L	10mm/3/8"	PRO/ECR/WP17-26
54N17L	Long Gas Lens	5L	8mm/5/16"	PRO/ECR/WP17-26



Stock Code	Description	Size	Bore	Model
H 53N58	Gas Lens Cup	4	6mm/1/4"	PRO/ECR/WP9,20
53N59	Gas Lens Cup	5	8mm/5/16"	PRO/ECR/WP9,20
53N60	Gas Lens Cup	6	10mm/3/8"	PRO/ECR/WP9,20
53N61	Gas Lens Cup	7	11mm/7/16"	PRO/ECR/WP9,20
53N61-S	Gas Lens Cup	8	13mm/1/2"	PRO/ECR/WP9,20

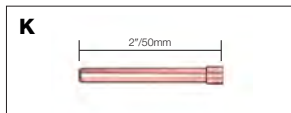


Stock Code	Description	Size	Bore	Model
I 54N14	Gas Lens Cup	8	13mm/1/2"	PRO/ECR/WP17-26
54N15	Gas Lens Cup	7	11mm/7/16"	PRO/ECR/WP17-26
54N16	Gas Lens Cup	6	10mm/3/8"	PRO/ECR/WP17-26
54N17	Gas Lens Cup	5	8mm/5/16"	PRO/ECR/WP17-26
54N18	Gas Lens Cup	4	6mm/1/4"	PRO/ECR/WP17-26
54N19	Gas Lens Cup	11	18mm/11/16"	PRO/ECR/WP17-26

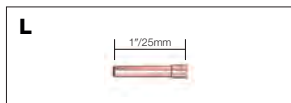


Stock Code	Description	Size	Bore	Model
J 53N87	Large Gas Lens	12	19mm/3/4"	PRO/ECR/WP9-26
53N88	Large Gas Lens	10	16mm/5/8"	PRO/ECR/WP9-26
57N75	Large Gas Lens	6	10mm/3/8"	PRO/ECR/WP9-26
57N74	Large Gas Lens	8	13mm/1/2"	PRO/ECR/WP9-26

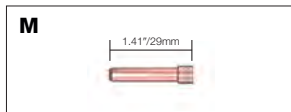
Collets



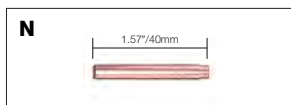
Stock Code	Description	Electrode Size	Model
K 10N21	Standard Collet	0.5 mm/.020"	PRO/ECR/WP17-26
10N22	Standard Collet	1.0 mm/.040"	PRO/ECR/WP17-26
10N23	Standard Collet	1.6 mm/1/16"	PRO/ECR/WP17-26
10N26	Standard Collet	2.0 mm/5/64"	PRO/ECR/WP17-26
10N24	Standard Collet	2.4 mm/3/32"	PRO/ECR/WP17-26
10N25	Standard Collet	3.2 mm/1/8"	PRO/ECR/WP17-26
54N20	Standard Collet	4.0 mm/5/32"	PRO/ECR/WP17-26



Stock Code	Description	Electrode Size	Model
L 13N20	Standard Collet	0.5 mm/.020"	PRO/ECR/WP9,20
13N21	Standard Collet	1.0 mm/.040"	PRO/ECR/WP9,20
13N22	Standard Collet	1.6 mm/1/16"	PRO/ECR/WP9,20
13N22M	Standard Collet	2.0 mm/5/64"	PRO/ECR/WP9,20
13N23	Standard Collet	2.4 mm/3/32"	PRO/ECR/WP9,20
13N24	Standard Collet	3.2 mm/1/8"	PRO/ECR/WP9,20

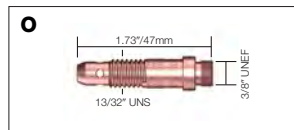


Stock Code	Description	Electrode Size	Model
M 10N21S	Stubby Collet	0.5 mm/.020"	PRO/ECR/WP17-26
10N22S	Stubby Collet	1.0 mm/.040"	PRO/ECR/WP17-26
10N23S	Stubby Collet	1.6 mm/1/16"	PRO/ECR/WP17-26
10N24S	Stubby Collet	2.4 mm/3/32"	PRO/ECR/WP17-26
10N25S	Stubby Collet	3.2 mm/1/8"	PRO/ECR/WP17-26

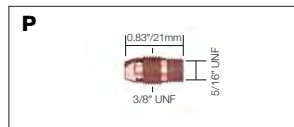


Stock Code	Description	Electrode Size	Model
N 13N22L	Large Gas Lens	1.6 mm/1/16"	PRO/ECR/WP9,20
13N23L	Large Gas Lens	2.4 mm/3/32"	PRO/ECR/WP9,20
13N24L	Large Gas Lens	3.2 mm/1/8"	PRO/ECR/WP9,20

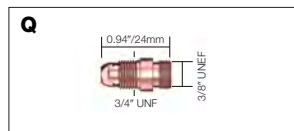
Collet Bodies



Stock Code	Description	Electrode Size	Model
O 10N29	Collet Body	0.5 mm/.020"	PRO/ECR/WP17-26
10N30	Collet Body	1.0 mm/.040"	PRO/ECR/WP17-26
10N31	Collet Body	1.6 mm/1/16"	PRO/ECR/WP17-26
10N31M	Collet Body	2.0 mm/5/64"	PRO/ECR/WP17-26
10N32	Collet Body	2.4 mm/3/32"	PRO/ECR/WP17-26
10N28	Collet Body	3.2 mm/1/8"	PRO/ECR/WP17-26
406488	Collet Body	4.0 mm/5/32"	PRO/ECR/WP17-26

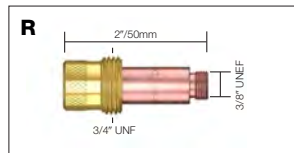


Stock Code	Description	Electrode Size	Model
P 13N25	Collet Body	0.5 mm/.020"	PRO/ECR/WP9,20
13N26	Collet Body	1.0 mm/.040"	PRO/ECR/WP9,20
13N27	Collet Body	1.6 mm/1/16"	PRO/ECR/WP9,20
13N27M	Collet Body	2.0 mm/5/64"	PRO/ECR/WP9,20
13N28	Collet Body	2.4 mm/3/32"	PRO/ECR/WP9,20
13N29	Collet Body	3.2 mm/1/8"	PRO/ECR/WP9,20

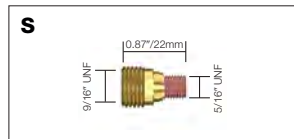


Stock Code	Description	Electrode Size	Model
Q 17CB20	Stubby Collet	0.5mm-3.2mm	PRO/ECR/WP17-26

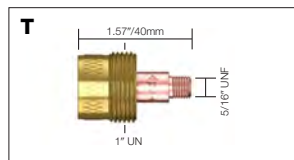
Gas Lens Bodies



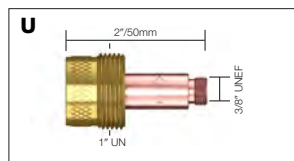
Stock Code	Description	Electrode Size	Model
R 45V29	Gas Lens Body	0.5 mm/.020"	PRO/ECR/WP17-26
45V24	Gas Lens Body	1.0 mm/.040"	PRO/ECR/WP17-26
45V25	Gas Lens Body	1.6 mm/1/16"	PRO/ECR/WP17-26
45V25M	Gas Lens Body	2.0 mm/5/64"	PRO/ECR/WP17-26
45V26	Gas Lens Body	2.4 mm/3/32"	PRO/ECR/WP17-26
45V27	Gas Lens Body	3.2 mm/1/8"	PRO/ECR/WP17-26
45V28	Gas Lens Body	4.0 mm/5/32"	PRO/ECR/WP17-26



Stock Code	Description	Electrode Size	Model
S 45V41	Gas Lens Body	0.5 mm/.020"	PRO/ECR/WP9,20
45V42	Gas Lens Body	1.0 mm/.040"	PRO/ECR/WP9,20
45V43	Gas Lens Body	1.6 mm/1/16"	PRO/ECR/WP9,20
45V43M	Gas Lens Body	2.0 mm/5/64"	PRO/ECR/WP9,20
45V44	Gas Lens Body	2.4 mm/3/32"	PRO/ECR/WP9,20
45V45	Gas Lens Body	3.2 mm/1/8"	PRO/ECR/WP9,20



Stock Code	Description	Electrode Size	Model
T 45V116S	Large Diameter	1.6 mm/1/16"	PRO/ECR/WP9,20,24
45V64S	Large Diameter	2.4 mm/3/32"	PRO/ECR/WP9,20,24

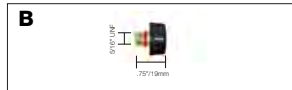


Stock Code	Description	Electrode Size	Model
U 45V116	Large Diameter	1.6 mm/1/16"	PRO/ECR/WP17-26
45V63	Large Diameter	4.0 mm/5/32"	PRO/ECR/WP17-26
45V64	Large Diameter	2.4 mm/3/32"	PRO/ECR/WP17-26
995795	Large Diameter	3.2 mm/1/8"	PRO/ECR/WP17-26

Back Caps



Stock Code	Description	Model	Colour
A PRO41V24	Back Cap Long	PRO/ECR/WP9,20	Black
41V24	Back Cap Long	PRO/ECR/WP9,20	Black



Stock Code	Description	Model	Colour
B PRO41V33	Back Cap Short	PRO/ECR/WP9,20	Black
41V33	Back Cap Short	PRO/ECR/WP9,20	Black



Stock Code	Description	Model	Colour
C PRO41V35	Back Cap Medium	PRO/ECR/WP9,20	Black
41V35	Back Cap Medium	PRO/ECR/WP9,20	Black

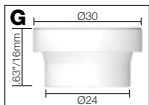
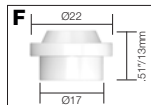
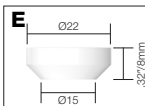
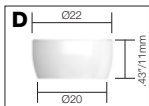
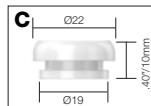
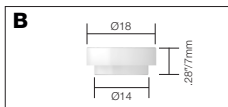


Stock Code	Description	Model	Colour
D PRO57Y02	Back Cap Long	PRO/ECR/WP17-26	Black
57Y02	Back Cap Long	PRO/ECR/WP17-26	Black



Stock Code	Description	Model	Colour
E PRO57Y04	Back Cap Short	PRO/ECR/WP17-26	Black
57Y04	Back Cap Short	PRO/ECR/WP17-26	Black

Insulators



Stock Code	Description	Model
A 54N63-20	Insulator Large Diameter Gas Lens	PRO/ECR/WP9,20
B 598882	Cup Gasket	PRO/ECR/WP9,20
C 18-7	Rear Head Insert	PRO/ECR/WP17-26
D 18CG	Cup Gasket	PRO/ECR/WP17-26
E 18CG20	Cup Gasket for Stubby Collet Body	PRO/ECR/WP17-26
F 54N01	Gas Lens Insulator (use with 18CG)	PRO/ECR/WP17-26
G 54N63	Insulator Large Diameter Gas Lens (use with 18CG)	PRO/ECR/WP17-26

Pro-Grip Max® TIG Features & Benefits

Torch Heads

Lightweight and Durable

- Manufactured with high temperature resistant silicone rubber insulation.
- All copper components ensure cooler running temperatures and maximum current capacity.

Trigger Switches

Plug and Play™ Technology

- Located in a neutral finger position
- Switches can be changed within 5 seconds allowing lower inventory levels and an infinite degree of flexibility at point of sale.
- 7 Different switch options to suit every application.

Knuckle Joint

Improved Manoeuvrability

- Positioning of the torch is made easier by the combination of knuckle joints and a flexible leather section that covers the first metre of the torch immediately behind the handle.

Front End Consumables

Extensive Range

- Front end consumables are manufactured to the highest specifications.

Pro-Grip® Handle System

Ergonomically Superior

- Integrated dual soft grips ensure the handle remains in place with minimal grip pressure

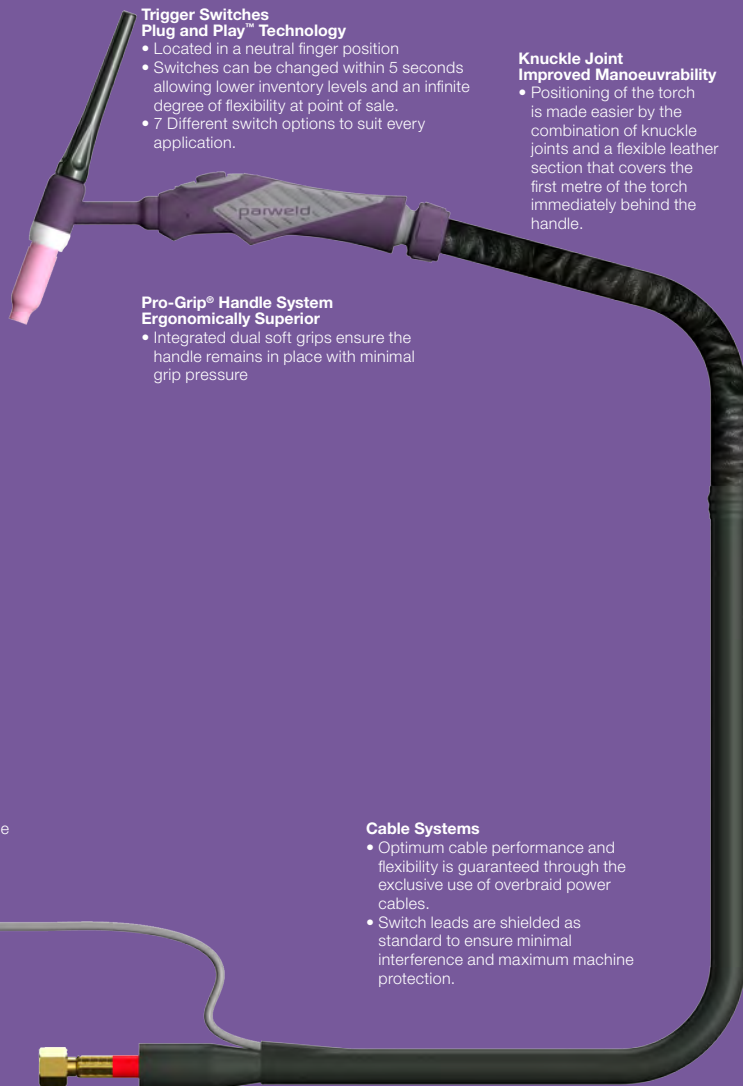
A range of cable plugs is available to suit the majority of machines

Cable Systems

- Optimum cable performance and flexibility is guaranteed through the exclusive use of overbraided power cables.
- Switch leads are shielded as standard to ensure minimal interference and maximum machine protection.

Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All our components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



Pro-Grip Max® Switch Configuration

Two sizes of ergonomic handles are utilised for the entire range. Features include soft grips, knuckle joints and 'plug and play' switch interchangeability.

Each torch is fitted with a 5 way socket in the handle into which a wide range of switch options can be simply and rapidly interchanged.

Torch packages are supplied with a momentary switch as standard. Alternative switches must be specified at time of ordering.

Replacement switch kits include complete switch assembly and retaining cover.



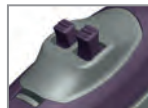
Stock Code	Description
PRO1MS	Momentary Kit (fitted as standard)



Stock Code	Description
PRO2MS	2 Button Momentary Kit



Stock Code	Description
PRO3MS	3 Button Momentary Kit



Stock Code	Description
PRO4MS	4 Button Rocker Momentary
PRO4LMS	4 Button Rocker Momentary for Lorch®



Stock Code	Description
PRO1MS-1	1 Button Momentary Kit+ 1K Potentiometer
PRO1MS-5	1 Button Momentary Kit+ 5K Potentiometer
PRO1MS-10	1 Button Momentary Kit+ 10K Potentiometer
PRO1MS-25	1 Button Momentary Kit+ 25K Potentiometer



Stock Code	Description
PRO1MS-1L	1 Button Latching Kit+ 1K Potentiometer (Miller)
PRO1MS-5L	1 Button Latching Kit+ 5K Potentiometer
PRO1MS-10L	1 Button Latching Kit+ 10K Potentiometer
PRO1MS-25L	1 Button Latching Kit+ 25K Potentiometer



Stock Code	Description
PRO1LS	Momentary Button with Lever Kit



Stock Code	Description
PROBK	Blank Kit – No Trigger

How to Order your Pro-Grip Max® TIG Torch



Ordering Information

Due to the extensive range of options please choose from the following when ordering your Parweld Pro-Grip® TIG Torch;

1. Select the model of torch head
2. Select the length of cable required
3. Select the switch required
4. Select the correct cable termination required
5. Add a Cable Plug if required

Example: - PRO18FX-25S1BW2

PRO18FX Pro-Grip® Torch x 25ft with momentary switch, 3/8 BSP fittings and 5 pin Amphenol Plug.

4. Cable Plug

Stock Code	Description
0	2 Pin Amphenol Plug
1	4 Pin Amphenol Plug
2	5 Pin Amphenol Plug
3	6 Pin Amphenol Plug
4	14 Pin Amphenol Plug
5	6 Pin Harting Plug
6	8 Pin Thermal Plug
7	3 Pin Tuchel Plug
8	9 Pin Tuchel Plug
9	5 Pin Tuchel Plug
10	12 Pin Bundy Plug
11	7 Pin Migatronic Plug
12	2 Pin XTI-180 Inverter Plug
14	5 Pin XTI-200 Inverter Plug
16	5 Pin Amphenol Plug Lincoln
17	7 Pin Tuchel Plug
18	14 Pin Parweld XTI 201, 303 Plug
19	5 Pin Parweld XTI181 Plug
20	3 Pin Parweld XTI601MP Plug
21	2 Pin ESAB® Push In Plug
23	3 Pin Plug – GYS® and Newarc®
24	5 Pin Plug – GYS® Remote Current
25	7 Pin Kemppi® Plug
26	14 Pin ESAB® Plug
27	6 Pin Miller® Plug
28	7 Pin Parweld Plug
29	7 Pin Inverter Fusion Plug
31	3 Pin XLR Plug Newarc® and TecArc® Plug
32	7 Pin Plug JIS-C
33	4mm Pin Plug

1. Torch Head

Stock Code	Description
PRO9	Torch Head Air Cooled 125A DC
PRO9FXL	Torch Head Flexible Air Cooled 125A DC
PRO17	Torch Head Air Cooled 150A DC
PRO17FX	Torch Head Flexible Air Cooled 150A DC
PRO18	Torch Head Water Cooled 350A DC
PRO18FX	Torch Head Flexible Water Cooled 350A DC
PRO18SC	Torch Head Water Cooled 400A DC
PRO20	Torch Head Water Cooled 250A DC
PRO20FXL	Torch Head Flexible Water Cooled 250A DC
PRO26	Torch Head Air Cooled 200A DC
PRO26FX	Torch Head Flexible Air Cooled 200A DC

2. Cable Length

Stock Code	Description
12	12.5ft Cables (4m) c/w Leather Cover, Neoprene Sheath
25	25ft Cables (8m) c/w Leather Cover, Neoprene Sheath

3. Switch Option

Stock Code	Description
S1	Momentary Switch
S1L	Momentary Switch & Lever
S2	2 Button Momentary
S3	3 Button Momentary
S4	4 Button Rocker Momentary
S4L	4 Button Momentary Rocker Lorch®
1K	1 Button Momentary +1K Potentiometer
2K	1 Button Momentary +5K Potentiometer
3K	1 Button Momentary +10K Potentiometer
4K	1 Button Momentary +25K Potentiometer
1KL	1 Button Latching +1K Potentiometer
2KL	1 Button Latching +5K Potentiometer
3KL	1 Button Latching +10K Potentiometer
4KL	1 Button Latching +25K Potentiometer
N	Blank

NEW Composite TGC TIG Cable Terminations



- Moulded housing ensures tidy cables
- Tapered TPE hose supports
- Cable set strain relief
- Multiple configurations to suit most power sources

Note: All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

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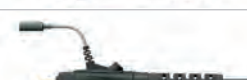
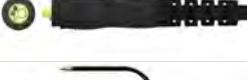
5 Air Cooled Cable Terminations

Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
Single 3/8" BSP Connection	BG		TGC-BG	
Central Connector	EG		TGC-EG	
WTG Connector	WG		TGC-WG	
L-TEC® Euro Connection	LG		TGC-LG	
Large Dinse on Power 3/8" BSP on Gas	BD		TGC-BD	
Small Dinse on Power 3/8" BSP on Gas	BSD		TGC-BSD	
Large Dinse on Power M10 on Gas	BDM10		TGC-BDM10	
Large Dinse on Power M12 on Gas	BDM12		TGC-BDM12	
Migatronic® Connections	MG		TGC-MG	
Lincoln® Invertec Connections (Large Dinse)	LNG		TGC-LNG	
Lincoln® Invertec Connections (Small Dinse)	LNGS		TGC-LNGS	
EWM® Connections (Large Dinse)	EMG		TGC-EMG	

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UK & Ireland Sales **01299 269 500** | Export Sales **+44 1299 269 507** www.parweld.com

5 Air Cooled Cable Terminations

Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
EWM® Connections (Small Dinse)	E2G		TGC-E2G	
Kemppl® Connection	KG		TGC-KG	
Dinse through Gas Connector 35-50mm	TG		TGC-TG	
SAF® through Gas Connector 35-50mm	SG		TGC-SG	
Fronius® Connection	FRG		TGC-FRG	
ESAB® OKC Connections (Large Dinse)	ESG		TGC-ESG	
ESAB® OKC Connections (Small Dinse)	EXG		TGC-EXG	
Multiprocess Euro Connection	MPG		TGC-MPG	
Lorch® Connections	LRG		TGC-LRG	
Large Dinse on Power 9mm QF on Gas	DQF		TGC-BQ	
5/8"UNF RH Gas/Power	UN		TGC-UN	

Note: All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

www.parweld.com UK & Ireland Sales **01299 269 500** | Export Sales **+44 1299 269 507**

5 Air Cooled Cable Terminations

Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
Large Dinse on Power, 5/8" UNF RH Male on Gas	UD		TGC-UD	
Large Dinse on Power 1.5m and Gas Hose, 5/8" UNF RH Male	UDL		TGC-UDL	
3/8" UNF RH male	A		—	—
Lug on power, 5/8" UNF RH male on gas	US		—	—

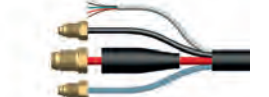
5 Water Cooled Cable Terminations

Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
3/8" BSP On Water, Gas, Power	BW		TGC-BW	
Central Connector	EW		TGC-EW	
Large Dinse on Power QF on Water In/Out, 3/8BSP on Gas	DQ		TGC-DQ	
Large Dinse on Power QF on Water In/Out, M12 on Gas	DQM12		TGC-DQM12	
WTW Connector	WW		TGC-WW	
L-TEC® Euro	LW		TGC-LW	

Note: All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

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5 Water Cooled Cable Terminations

Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
Migatronic® Connections	MW		TGC-MW	
Lincoln® Invertec Connections (Large Dinse)	LNW		TGC-LNW	
EWM® Connections	EMW		TGC-EMW	
Large Dinse 1/4 Gas, 3/8 on Water In/Out	EBW		TGC-EBW	
Dinse through Gas Connector, QF on Water In/Out	N/A	N/A	TGC-TW	
ESAB® OKC Connections	ESW		TGC-ESW	
Lorch® Connections	LRW		TGC-LRW	
Kemppi® Connection	N/A	N/A	TGC-KW	
Large Dinse on Power 9mm QF on Water In/Out QF on Gas	DQQ		TGC-DQQ	
Large Dinse on Power, 5/8" UNF LH on Water In/Out, 5/8" UNF RH Male on Gas	UE		TGC-UE	
7/8" UNF LH Male on Power, 5/8" UNF RH Male on Gas, 5/8" UNF LH Male on Water	UW		TGC-UW	

Note: All Registered Trademarks listed are the property of their respective manufacturer. Reference to the original manufacturer is for reference only.

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5 Water Cooled Cable Terminations				
Description	Standard End		TGC	
	Stock Code	Drawing	Stock Code	TGC Drawing
5/8UNF RH Gas/power, QF Water In/Out	N/A	N/A	TGC-UNW	
Large Dinse on power , 5/8UNF RH Gas, QF Water In/Out	UDW		TGC-UE	
3/8" Power and Water, 1/4"BSP on Gas	KOW		TGC-KW3	

Standard Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore

Standard Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore

Stubby Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Standard Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16" /1.6mm Bore

Standard Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 598882	Cup Gasket
2 PRO9FXL	Torch Body Flexible
3 PRO9	Torch Body
4 98W77	Back Cap 'O' Ring
5 PRO41V24	Pro-Grip® Back Cap Long
6 PRO41V35	Pro-Grip® Back Cap Medium
7 PRO41V33	Pro-Grip® Back Cap Short
8 PRO1MS	Momentary Switch Kit (Fitted as standard)
9 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
10 PROH100	Pro-Grip® TIG Handle Small
11 PROSP	Screw Pack
12 PROKJ100	Knuckle Joint c/w Lock Nut
13 PROLC100-08	Leather Cover x .8m (2.6ft)
14 PROCO100-40	Complete Cover Assembly x 4m (12.5ft)
PROCO100-80	Complete Cover Assembly x 8m (25ft)
15 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
16 PROJK100	Jointing Repair Kit
17 54N63-20	Insulator Large Diameter Gas Lens

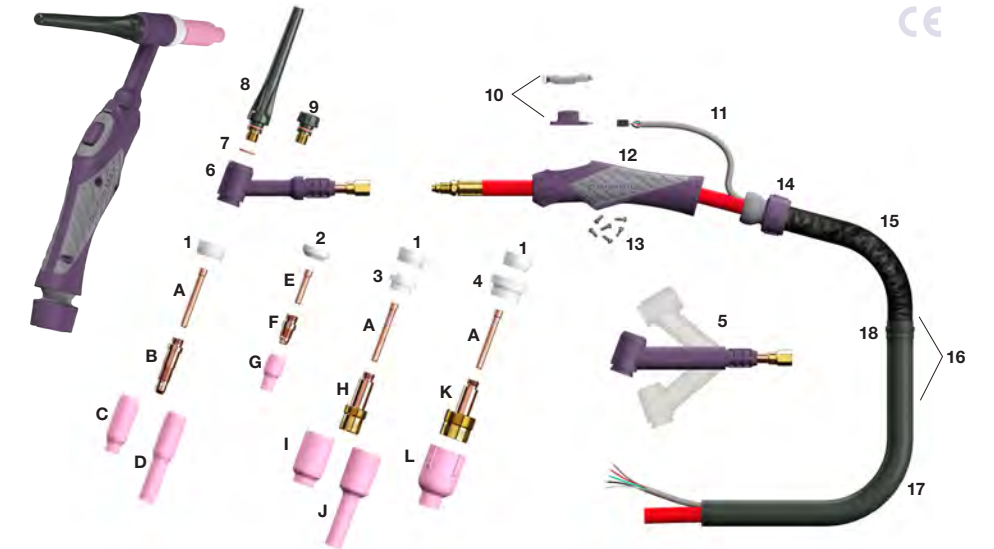
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PRO17

Air Cooled Pro-Grip Max® TIG Welding Torch

150A DC, 115A AC @ 60% Duty Cycle, EN60974-7 .040" - 1/8" / 0.5mm to 3.2mm Electrodes



**TO ORDER A PRO-GRIP MAX® TIG TORCH PACKAGE
PLEASE USE THE 5 STAGE PROCESS OUTLINED ON PAGE 138.**
Example:- PRO17FX-12S1BG0. PRO17FX Pro-Grip® Torch x 12.5ft with momentary switch, 3/8 BSP fittings and 2 pin Amphenol Plug.

PRO17 and PRO17FX

Rating: 150A DC, 115A AC .020" to 3/32" (0.5mm-2.4mm) electrode.
Parts interchange with PRO18, PRO18FX, PRO26 and PRO26FX models.

PRO17



PRO17FX



Technical Specification

Weight (Head Only)	6oz	170gm
Torch Head Length – PRO17	3"	76mm
Torch Head Length – PRO17FX	3 3/4"	97mm
Head Thread Size – PRO17/17FX	3/8"-32 UNF	

Standard Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Standard Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

Standard Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Stubby Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Standard Gas Lens Body

Stock Code	Description
H 45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore
45V28	Gas Lens Body 5/32"/4.0mm Bore

Standard Gas Lens Cup

Stock Code	Description
I 54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
45V63	Large Diameter Gas Lens Body 5/32"/4.0mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 PRO17FX	Torch Head Flexible
6 PRO17	Torch Body Angled With Gasket
7 98W18	Back Cap 'O' Ring
8 PRO57Y02	Pro-Grip® Back Cap Long
9 PRO57Y04	Pro-Grip® Back Cap Short
10 PRO1MS	Momentary Switch Kit (Fitted as standard)
11 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
12 PROH100	Pro-Grip® TIG Handle Small
13 PROSP	Screw Pack
14 PROKJ100	Knuckle Joint c/w Lock Nut
15 PROLC100-08	Leather Cover x .8m (2.6ft)
16 PROCO100-40	Complete Cover Assembly x 4m (12.5ft)
PROCO100-80	Complete Cover Assembly x 8m (25ft)
17 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
18 PROJK100	Jointing Repair Kit

Standard Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Standard Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N31M	Collet Body 5/64"/2.0mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

Standard Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Stubby Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Standard Gas Lens Body

Stock Code	Description
H 45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore
45V28	Gas Lens Body 5/32"/4.0mm Bore

Standard Gas Lens Cup

Stock Code	Description
I 54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

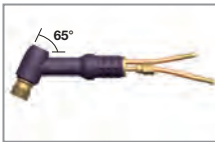
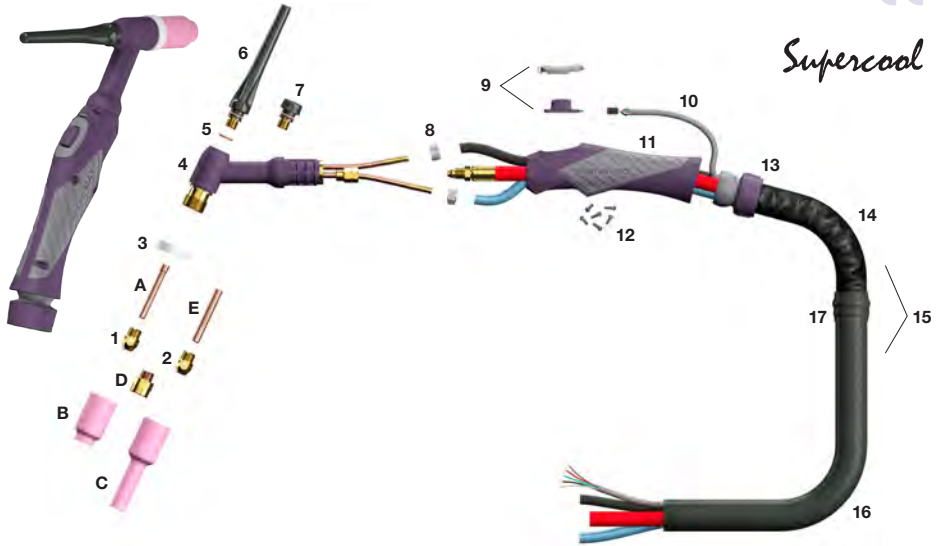
Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket (For Stubby Collet Body)
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 PRO18FX	Torch Head Flexible
6 PRO18	Torch Head including Cup Gasket
7 98W18	Back Cap 'O' Ring
8 PRO57Y02	Pro-Grip® Back Cap Long
9 PRO57Y04	Pro-Grip® Back Cap Short
10 PRO1MS	Momentary Switch Kit (Fitted as standard)
11 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
12 PROH200	Pro-Grip® TIG Handle Large
13 PROSP	Screw Pack
14 PROKJ200	Knuckle Joint c/w Lock Nut
15 PROLC200-08	Leather Cover x .8m (2.6ft)
16 PROCO200-40	Complete Cover Assembly x 4m (12.5ft)
PROCO200-80	Complete Cover Assembly x 8m (25ft)
17 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
18 PROJK200	Jointing Repair Kit
19 B5024	Water Hose Clamp 9.5mm Bore



Weight (Head Only)	8oz	226gm
Torch Head Length – PRO18SC	2¾"	71mm
Head Thread Size – PRO18SC	3/8"-32 UNEF	

Standard Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16 /1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Standard Gas Lens Cup

Stock Code	Description
B 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
C 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Standard Gas Lens Body

Stock Code	Description
D 18GL16	Gas Lens Body 1/16"/1.6mm Bore
18GL32	Gas Lens Body 3/32"/2.4mm Bore
18GL18	Gas Lens Body 1/8"/3.2mm Bore
18GL53	Gas Lens Body 5/32"/4.0mm Bore
18GL36	Gas Lens Body 3/16"/4.8mm Bore

Heavy Duty Collet

Stock Code	Description
E 10N25HD	Heavy Duty Collet 1/8"/3.2mm Bore
54N20HD	Heavy Duty Collet 5/32"/4.0mm Bore
18C36	Heavy Duty Collet 3/16"/4.8mm Bore

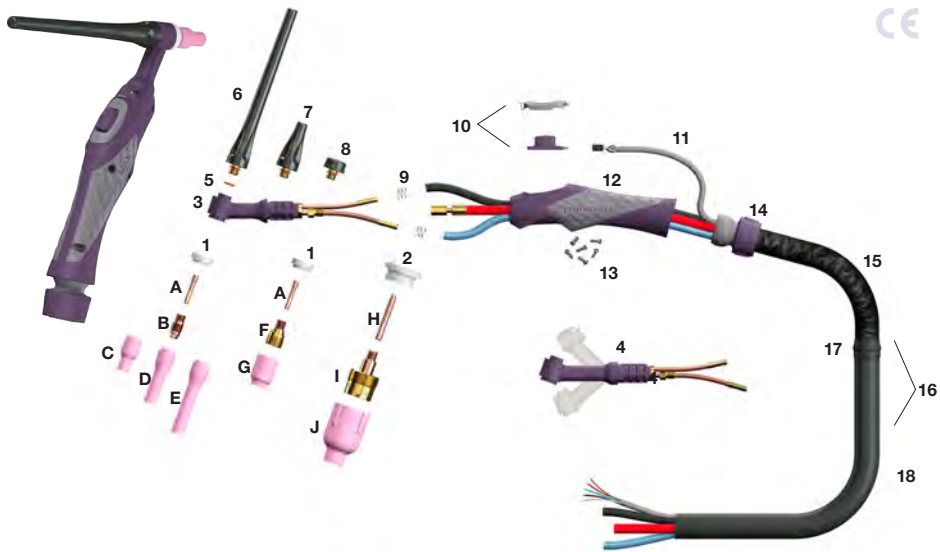
Components

Stock Code	Description
1 NCB-53	Nose Collet Body
2 NCB-36	Heavy Duty Nose Collet Body
3 18NG	Nozzle Gasket
4 PRO18SC	Torch Head including Nozzle Gasket
5 98W18	Back Cap 'O' Ring
6 PRO57Y02	Pro-Grip® Back Cap Long
7 PRO57Y04	Pro-Grip® Back Cap Short
8 B5024	Water Hose Clamp 9.5mm Bore
9 PRO1MS	Momentary Switch Kit (Fitted as standard)
10 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
11 PROH200	Pro-Grip® TIG Handle Large
12 PROSP	Screw Pack
13 PROKJ200	Knuckle Joint c/w Lock Nut
14 PROLC200-08	Leather Cover x .8m (2.6ft)
15 PROCO200-40	Complete Cover Assembly x 4m (12.5ft)
PROCO200-80	Complete Cover Assembly x 8m (25ft)
16 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
17 PROJK200	Jointing Repair Kit

PRO20

Water Cooled Pro-Grip Max® TIG Welding Torch

250A DC, 190A AC @ 100% Duty Cycle, EN60974-7 .020" - 1/8" / 0.5mm to 3.2mm Electrodes



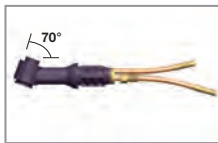
TO ORDER A PRO-GRIP MAX® TIG TORCH PACKAGE PLEASE USE THE 5 STAGE PROCESS OUTLINED ON PAGE 138.

Example:- PRO20-25S1BW0. PRO20 Pro-Grip® Torch x 25ft with momentary switch, 3/8 BSP fittings and 2 Pin Amphenol Plug.

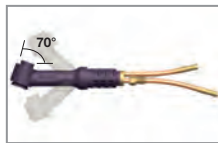
PRO20 and PRO20FXL

Rating: 250A DC, 190A AC .020" to 1/8" (0.5mm-3.2mm) electrode.
Parts interchangeable with PRO9, PRO9FXL.

PRO20



PRO20FXL



Technical Specification

Weight (Head Only)	3oz	85grm
Torch Head Length - PRO20	2¼"	56mm
Torch Head Length - PRO20FXL	2¾"	64mm
Head Thread Size - PRO20/20FXL	5/16" UNF	

Standard Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore
13N24	Collet 1/8"/3.2mm Bore

Standard Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore
13N29	Collet Body 1/8"/3.2mm Bore

Stubby Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Standard Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

Standard Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
5345N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

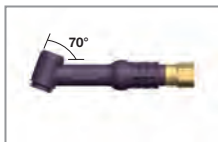
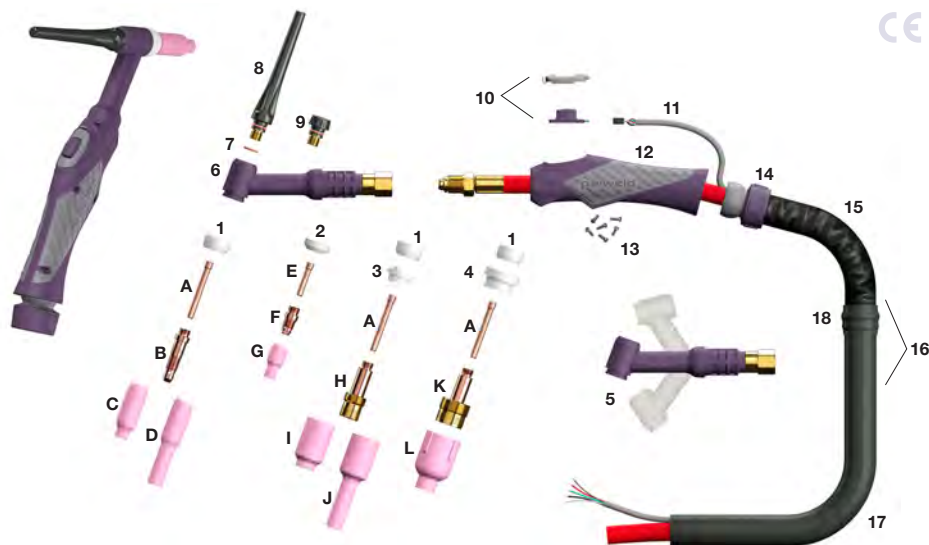
Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 598882	Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens
3 PRO20	Torch Body
4 PRO20FXL	Torch Body Flexible
5 98W77	Back Cap 'O' Ring
6 PRO41V24	Pro-Grip® Back Cap Long
7 PRO41V35	Pro-Grip® Back Cap Medium
8 PRO41V33	Pro-Grip® Back Cap Short
9 53N04	Wire Clamps
10 PRO1MS	Momentary Switch Kit (Fitted as standard)
11 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
12 PROH100	Pro-Grip® TIG Handle Small
13 PROSP	Screw Pack
14 PROKJ100	Knuckle Joint c/w Lock Nut
15 PROLC100-08	Leather Cover x .8m (2.6ft)
16 PROCO100-40	Complete Cover Assembly x 4m (12.5ft)
PROCO100-80	Complete Cover Assembly x 8m (25ft)
17 PROJK100	Jointing Repair Kit
18 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes



Weight (Head Only)	10oz	283grm
Torch Head Length – PRO26	2 3/4"	71mm
Torch Head Length – PRO26FX	2 3/4"	71mm
Head Thread Size – PRO26/26FX	3/8"-32 UNEF	

Standard Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Standard Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

Standard Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Stubby Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Standard Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Standard Gas Lens Cup

Stock Code	Description
I 54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

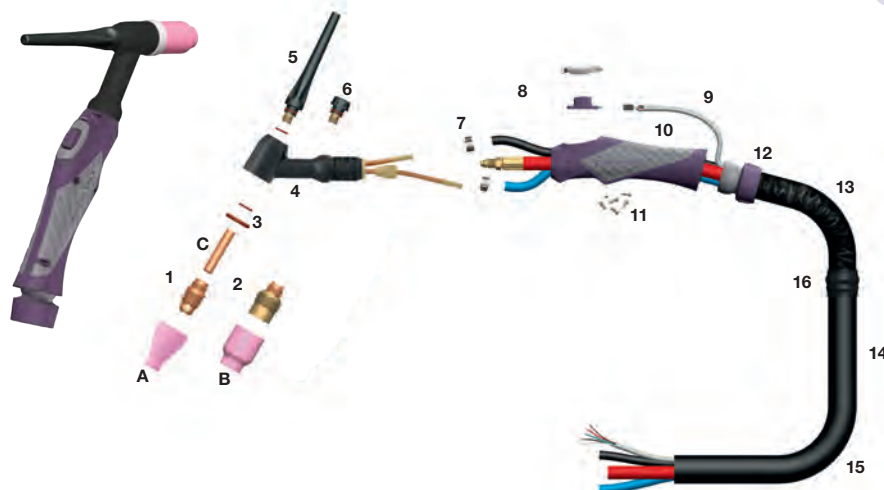
Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 PRO26FX	Torch Body Flexible
6 PRO26	Torch Body
7 98W18	Back Cap 'O' Ring
8 PRO57Y02	Pro-Grip® Back Cap Long
9 PRO57Y04	Pro-Grip® Back Cap Short
10 PRO1MS	Momentary Switch Kit (Fitted as standard)
11 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
12 PROH200	Pro-Grip® TIG Handle Large
13 PROSP	Screw Pack
14 PROKJ200	Knuckle Joint c/w Lock Nut
15 PROLC200-08	Leather Cover x .8m (2.6ft)
16 PROCO200-40	Complete Cover Assembly x 4m (12.5ft)
PROCO200-80	Complete Cover Assembly x 8m (25ft)
17 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
18 PROJK200	Jointing Repair Kit

NEW PRO-GRIP MAX® 550W

Water Cooled TIG Torch

550A DC, 410A AC @ 100% Duty Cycle, EN60974-7 0.045"-1/4" / 1.2mm to 6.4mm Electrodes



Model

Stock Code	Description
1405555	Torch Package x 4m c/w Overbraid Cable, SSW
1405556	Torch Package x 8m c/w Overbraid Cable, SSW

Standard Alumina Cup

Stock Code	Description
A 889688	Alumina Cup 3/8"/10mm Bore
889689*	Alumina Cup 1/2"/13mm Bore
889690	Alumina Cup 5/8"/16mm Bore

Standard Gas Lens Cup

Stock Code	Description
B 889699	Gas Lens Cup 3/8"/10mm Bore
889700	Gas Lens Cup 1/2"/13mm Bore
889701	Gas Lens Cup 5/8"/16mm Bore

Standard Collet

Stock Code	Description
C 889597	Collet 1/16"/1.6mm Bore
889583	Collet 3/32"/2.4mm Bore
889584*	Collet 1/8"/3.2mm Bore
889587	Collet 1/4"/6.4mm Bore

Components

* Denotes Standard Build

Stock Code	Description
1 606090*	Collet Body
2 606194	Gas Lens Collet Body
3 889692	O' Ring Pack
4 619041	Torch Body
5 607756*	Long Back Cap
6 607758	Short Back Cap
7 BC5025	Hose Clamp
8 PRO1MS	Momentary Switch Kit (Fitted as standard)
9 PROSWL4	Switch Lead x 4m (12.5ft)
PROSWL8	Switch Lead x 8m (25ft)
10 PROH200	Pro-Grip® TIG Handle Large
11 PROSP	Screw Pack
12 PROKJ200	Knuckle Joint c/w Lock Nut
13 PROLC200-08	Leather Cover x .8m (2.6ft)
14 PROCO200-40	Complete Cover Assembly x 4m (12.5ft)
PROCO200-80	Complete Cover Assembly x 8m (25ft)
15 PRONC32	Neoprene Cover x 3.2m (10.5ft)
PRONC72	Neoprene Cover x 7.2m (23.6ft)
16 PROJK200	Jointing Repair Kit

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Eco-Grip® Features and Benefits

Torch Heads Lightweight and Durable

- Manufactured with high temperature resistant silicone rubber insulation.
- All copper components ensure cooler running temperatures and maximum current capacity.

Trigger Switch

- Located in a neutral finger position
- Heavy Duty Long Life Encapsulated Switch
- 3A Rated

Knuckle Joint Improved Manoeuvrability

- Positioning of the torch is made easier by the ball joint at the rear of the handle.

Eco-Grip® Handle System Ergonomically Superior

- Textured grips ensure the handle remains in place with minimal grip pressure

Front End Consumables Extensive Range

- Front end consumables are manufactured to the highest protection
- 100% WLD Type Interchangeability

Cable System

- Air and liquid cooled cable assemblies use high temperature resistant PVC which combines flexibility and high heat and abrasion resistance.
- Switch leads are high flex life copper which minimises problems and maximises torch longevity.

A range of cable plugs is available to suit the majority of machines.



Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



ECR9

Air Cooled TIG Welding Torch

125A DC, 100A AC @ 60% Duty Cycle, EN60974-7 .020"-3/32" / 0.5mm to 2.4mm Electrodes



Model

Stock Code	Description
ECR9-12BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR9-12-2BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w 2 Piece Power Cable, Sheathed and Switched
ECR9-25BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched
ECR9-25-2BG	Eco-Grip® TIG Torch c/w 2 Piece Power Cable, Sheathed and Switched

Alternative Torch Body

Stock Code	Description
ECR9FX-	Torch Package with Flexi Head
ECR9V-	Torch Package with Valve Head
ECR9P-	Torch Package with Pencil Head
ECR9VFX-	Torch Package with Flexi Valve Head

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR9FX-12BG, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR9-12NBG.

UPGRADE

Why not upgrade
to the Ergonomically Superior
Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm Bore
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

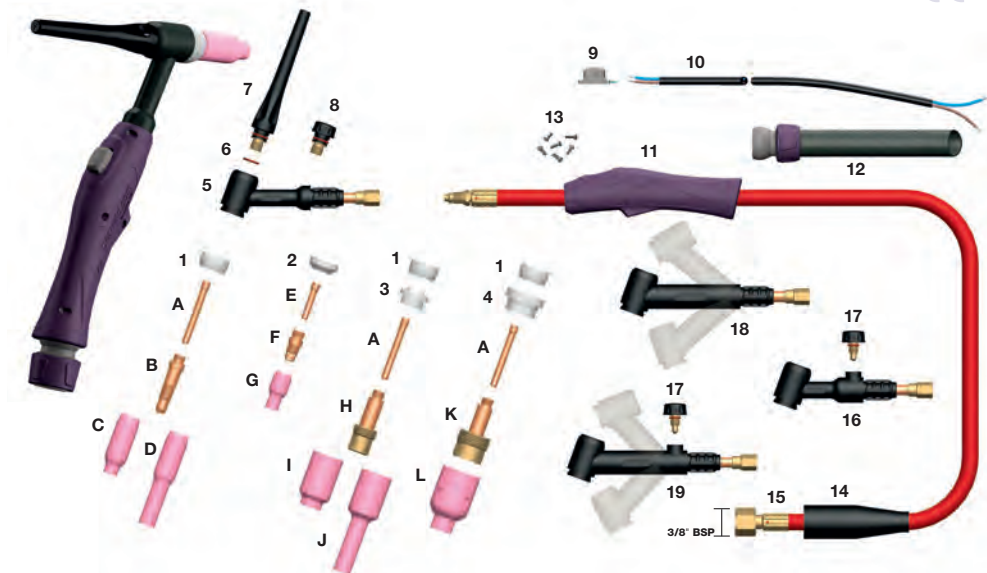
Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 598882	Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens
3 WP9	Torch Body Including Cup Gasket
4 98W77	Back Cap 'O' Ring
5 41V24	Back Cap Long
6 41V35	Back Cap Medium
7 41V33	Back Cap Short
8 ECO1MS	Momentary Switch
9 ECOSWL4	Switch Lead x 12.5ft (3.8m)
9 ECOSWL8	Switch Lead x 25ft (7.6m)
10 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
11 ECOSP	Screw Kit
12 0315071	Insulation Boot
13 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
14 57Y01	Power Cable x 12.5ft (3.8m) Vinyl
57Y03	Power Cable x 25ft (7.6m) Vinyl
57Y01-2	Power Cable x 12.5ft (3.8m) 2 Piece
57Y03-2	Power Cable x 25ft (7.6m) 2 Piece
15 WP9V	Torch Body Valve
16 VS-2	Valve Stem
17 WP9FX	Torch Body Flexible
18 WP9P	Torch Body Pencil
NI WP9VFX	Torch Body Flexi Valve

Air Cooled TIG Welding Torch

CE



Collet

Collet Body

Ceramic Cup

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16" /11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

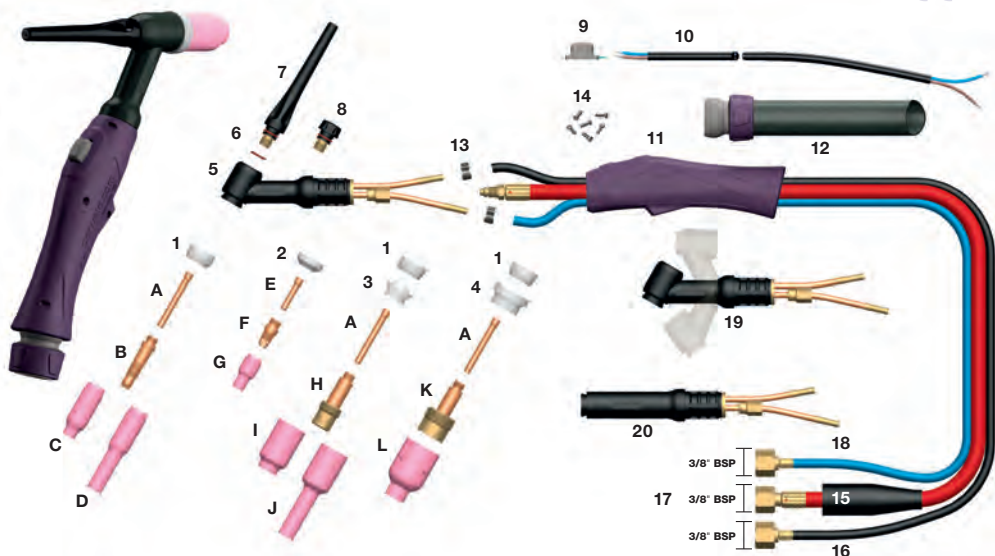
Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP17	Torch Body Including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSP	Screw Kit
14 0315071	Insulation Boot
15 57Y01	Power Cable x 12.5ft (3.8m) Vinyl
57Y03	Power Cable x 25ft (7.6m) Vinyl
57Y01-2	Power Cable x 12.5ft (3.8m) 2 Piece
57Y03-2	Power Cable x 25ft (7.6m) 2 Piece
16 WP17V	Torch Body Valve
17 VS-2	Valve Stem
18 WP17FX	Torch Body Flexible
19 WP17VFX	Torch Body Flexi Valve

ECR18

Water Cooled TIG Welding Torch

350A DC, 260A AC @ 100% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes



Model

Stock Code	Description
ECR18-12BW	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR18-25BW	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched

Alternative Torch Body

Stock Code	Description
ECR18FX-	Torch Package with Flexi Head
ECR18SP-	Torch Package with Pencil Head

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR18FX-12BW, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR18-12NBW.

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N23M	Collet 5/64"/2.0mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N31M	Collet Body 5/64"/2.0mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16" /11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore
45V28	Gas Lens Body 5/32"/4.0mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 1 1/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore
45V63	Large Diameter Gas Lens Body 5/32"/4.0mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

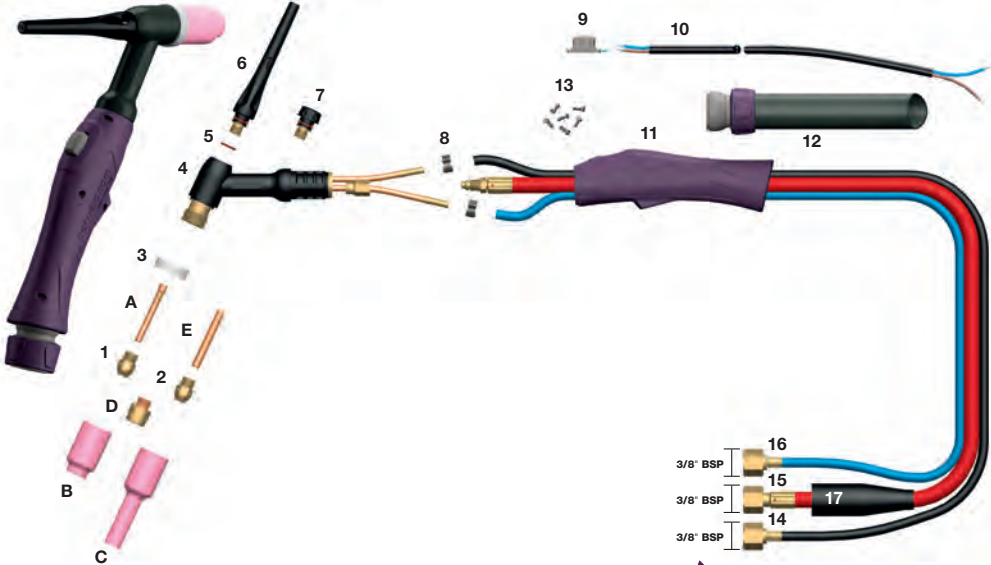
Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP18	Torch Body
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH200	Eco-Grip® TIG Handle Large c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 B5024	Hose Clamp
14 ECOSP	Screw Kit
15 0315071	Insulation Boot
16 45V09	Gas Hose x 12.5ft (3.8m) Vinyl
45V10	Gas Hose x 25ft (7.6m) Vinyl
17 40V64	Power Cable x 12.5ft (3.8m) Vinyl
41V29	Power Cable x 25ft (7.6m) Vinyl
18 45V07	Water Hose x 12.5ft (3.8m) Vinyl
45V08	Water Hose x 25ft (7.6m) Vinyl
19 WP18FX	Torch Body Flexible
20 WP18SP	Torch Body Pencil

ECR18SC

Water Cooled TIG Welding Torch

400A DC, 300A AC @ 100% Duty Cycle, EN60974-7 .020"-3/16" / 0.5mm to 4.8mm Electrodes



Model

Stock Code	Description
ECR18SC-12BW	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR18SC-25BW	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR18SC-12NBW.

UPGRADE

Why not upgrade
to the Ergonomically Superior
Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N23M	Collet 5/64"/2.0mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Gas Lens Cup

Stock Code	Description
B 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
C 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Gas Lens Body

Stock Code	Description
D 18GL16	Gas Lens Body 1/16"/1.6mm Bore
18GL32	Gas Lens Body 3/32"/2.4mm Bore
18GL18	Gas Lens Body 1/8"/3.2mm Bore
18GL53	Gas Lens Body 5/32"/4.0mm Bore
18GL36	Gas Lens Body 3/16"/4.8mm Bore

Heavy Duty Collet

Stock Code	Description
E 10N25HD	Heavy Duty Collet 1/8"/3.2mm Bore
54N20HD	Heavy Duty Collet 5/32"/4.8mm Bore
18C36	Heavy Duty Collet 3/16"/10mm Bore

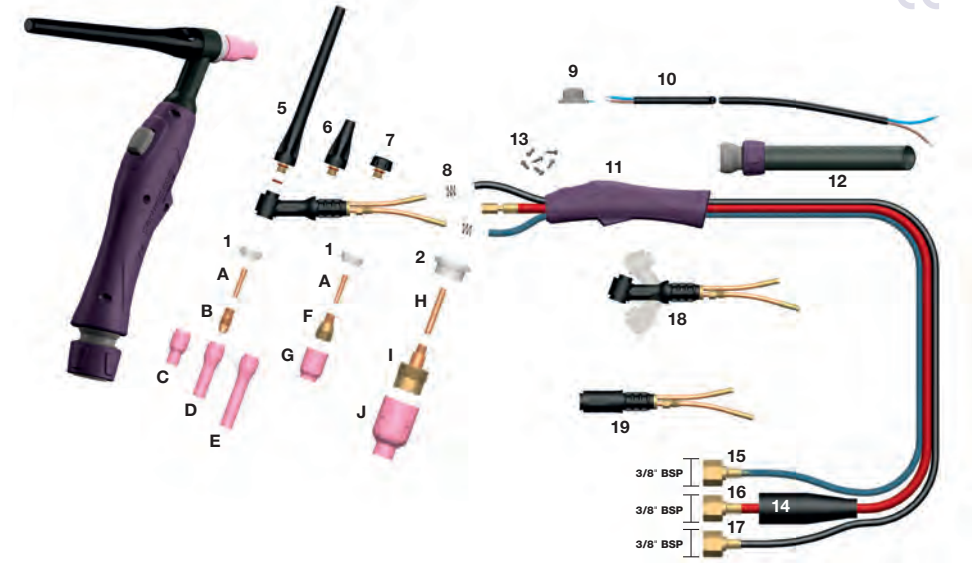
Components

Stock Code	Description
1 NCB-53	Standard Nose Collet Body
2 NCB-36	Heavy Duty Nose Collet Body
3 18NG	Nozzle Gasket
4 WP18SC	Torch Body including Nozzle Gasket
5 98W18	Back Cap 'O' Ring
6 57Y02	Back Cap Long
7 57Y04	Back Cap Short
8 B5024	Hose Clamp
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH200	Eco-Grip® TIG Handle Large c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSP	Screw Kit
14 45V09	Gas Hose x 12.5ft (3.8m) Vinyl
45V10	Gas Hose x 25ft (7.6m) Vinyl
15 40V64	Power Cable x 12.5ft (3.8m) Vinyl
41V29	Power Cable x 25ft (7.6m) Vinyl
16 45V07	Water Hose x 12.5ft (3.8m) Vinyl
45V08	Water Hose x 25ft (7.6m) Vinyl
17 0315071	Insulation Boot

ECR20

Water Cooled TIG Welding Torch

250A DC, 190A AC @ 100% Duty Cycle, EN60974-7 .020" - 1/8" / 0.5mm to 3.2mm Electrodes



Model	
Stock Code	Description
ECR20-12BW	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR20-25BW	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched

Alternative Torch Body	
Stock Code	Description
ECR20FX-	Torch Package with Flexi Head
ECR20P-	Torch Package with Pencil Head

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR20FX-12BW, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR20-12NBW.

UPGRADE

Why not upgrade to the Ergonomically Superior Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds

- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore
13N24	Collet 1/8"/3.2mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore
13N29	Collet Body 1/8"/3.2mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm Bore
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm ore

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

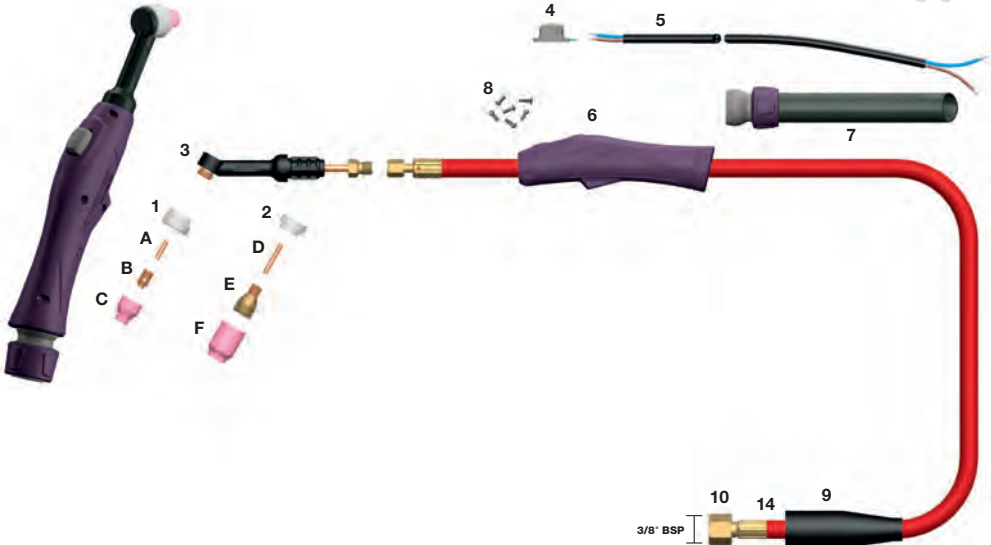
Components

Stock Code	Description
1 598882	Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens
3 WP20	Torch Body including Cup Gasket
4 98W77	Back Cap 'O' Ring
5 41V24	Back Cap Long
6 41V35	Back Cap Medium
7 41V33	Back Cap Short
8 53N04	Wire Clamp
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSP	Screw Kit
14 0315071	Insulation Boot
15 45V07	Water Hose x 12.5ft (3.8m) Vinyl
45V08	Water Hose x 25ft (7.6m) Vinyl
16 45V03	Power Cable x 12.5ft (3.8m) Vinyl
45V04	Power Cable x 25ft (7.6m) Vinyl
17 45V09	Gas Hose x 12.5ft (3.8m) Vinyl
45V10	Gas Hose x 25ft (7.6m) Vinyl
18 WP20FX	Torch Body Flexible
19 WP20P	Torch Body Pencil

ECR24

Air Cooled TIG Welding Torch

80A DC, 50A AC @ 60% Duty Cycle, EN60974-7 .020"-3/32" / 0.5mm to 1.6mm Electrodes



Model

Stock Code	Description
ECR24-12BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR24-25BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR24-12NBG.

UPGRADE

Why not upgrade
to the Ergonomically Superior
Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 53N16	Standard Collet .040"/1.0mm Bore
53N14	Standard Collet 1/16"/1.6mm Bore

Collet Body

Stock Code	Description
B 53N18	Standard Collet Body .040"/1.0mm Bore
53N19	Standard Collet Body 1/16"/1.6mm Bore

Ceramic Cup

Stock Code	Description
C 53N24	Standard Ceramic Cup 1/4"/6mm Bore
53N25	Standard Ceramic Cup 5/16"/8mm Bore
53N27	Standard Ceramic Cup 3/8"/10mm Bore

Gas Lens Collet

Stock Code	Description
D 53N64	Gas Lens Collet 1/16"/1.6mm Bore

Gas Lens Body

Stock Code	Description
E 45V43	Gas Lens Body 1/6"/1.6mm Bore

Gas Lens Cup

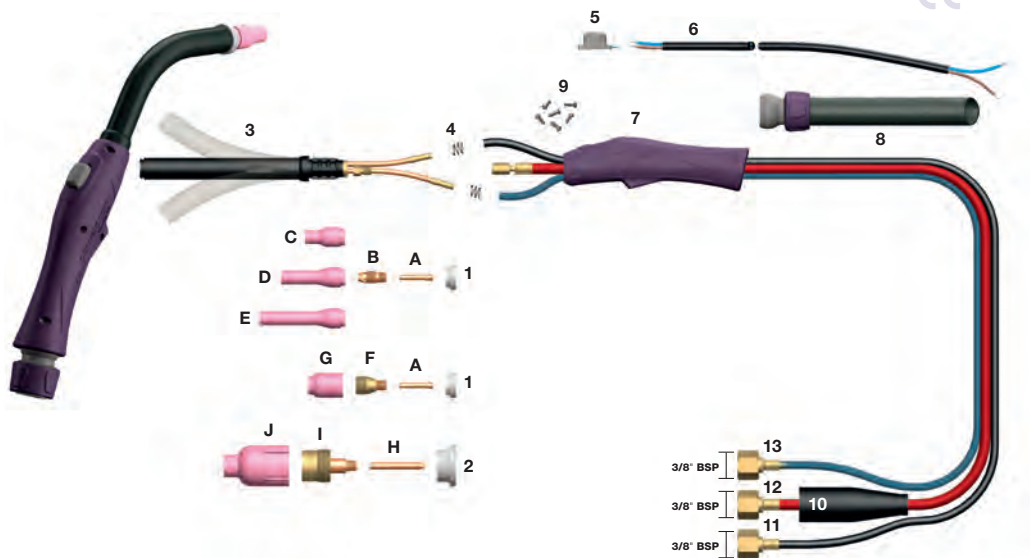
Stock Code	Description
F 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Components

Stock Code	Description
1 53N22	Standard Cup Gasket
2 53N66	Gas Lens Insulator
3 WP24	Torch Body including Cup Gasket
4 ECO1MS	Momentary Switch
5 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
6 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
7 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
8 ECOSP	Screw Kit
9 0315071	Insulation Boot
10 56Y38	Power Cable x 12.5ft (3.8m) Vinyl
56Y97	Power Cable x 25ft (7.6m) Vinyl

Water Cooled TIG Welding Torch

CE



UPGRADE

Stock Code	Description
ECR25-12BW	Eco-Grip® TIG Torch x 12ft (3.6m) c/w Vinyl Power Cable, Sheathed and Switched
ECR25-25BW	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched

Why not upgrade
to the Ergonomically Superior
Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore
13N24	Collet 1/8"/3.2mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore
13N29	Collet Body 1/8"/3.2mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

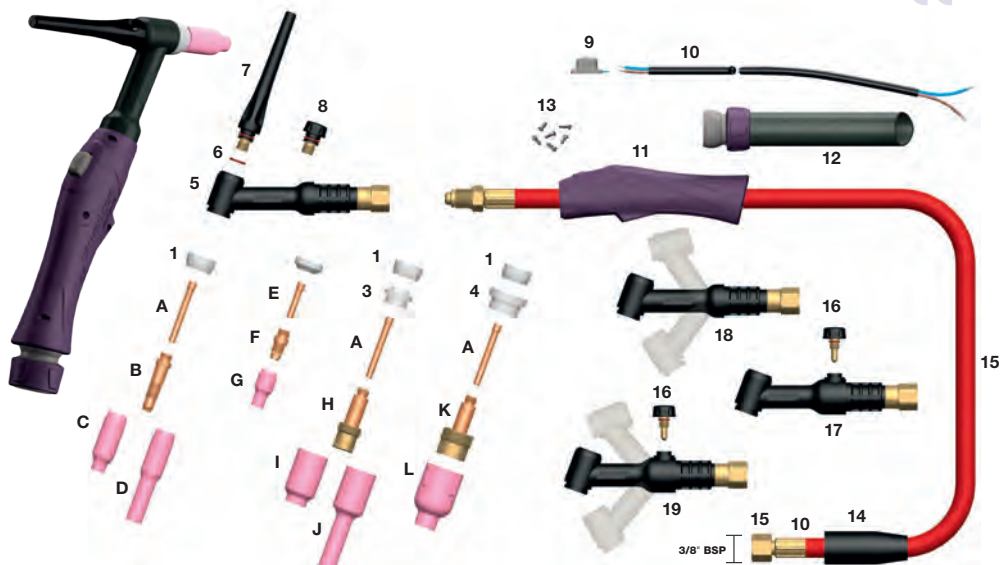
Components

Stock Code	Description
1 53N22	Standard Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens
3 WP25	Torch Body including Cup Gasket
4 53N04	Wire Clamp
5 ECO1MS	Momentary Switch
6 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
7 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
8 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
9 ECOSP	Screw Kit
10 0315071	Insulation Boot
11 45V09	Gas Hose x 12.5ft (3.8m) Vinyl
45V10	Gas Hose x 25ft (7.6m) Vinyl
12 45V03	Power Cable x 12.5ft (3.8m) Vinyl
45V04	Power Cable x 25ft (7.6m) Vinyl
13 45V07	Water Hose x 12.5ft (3.8m) Vinyl
45V08	Water Hose x 25ft (7.6m) Vinyl

ECR26

Air Cooled TIG Welding Torch

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes



Model

Stock Code	Description
ECR26-12BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, Sheathed and Switched
ECR26-25BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, Sheathed and Switched
ECR26-12-2BG	Eco-Grip® TIG Torch x 12ft (3.8m) c/w 2 Piece Power Cable, Sheathed and Switched
ECR26-25-2BG	Eco-Grip® TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable, Sheathed and Switched

Alternative Torch Body

Stock Code	Description
ECR26V-	Complete Torch Package with Valve
ECR26FX-	Complete Torch Package with Flexi Head
ECR26VFx-	Complete Torch Package with Flexi Valve

For torch packages with alternative torch bodies please order with the above prefix. i.e. ECR26FX-12BG, Eco-Grip® TIG torch with flexi head, 12ft vinyl power cable c/w switch and sheath.

To add a Cable Plug please refer to Page 196.

To order a torch package without a switch please add N for no switch, i.e. ECR26-12NBG.

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/18mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP26	Torch Body including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 ECO1MS	Momentary Switch
10 ECOSWL4	Switch Lead x 12.5ft (3.8m)
ECOSWL8	Switch Lead x 25ft (7.6m)
11 ECOH100	Eco-Grip® TIG Handle Small c/w Knuckle Joint
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 ECOSWP	Screw Kit
14 0315071	Insulation Boot
15 46V28	Power Cable x 12.5ft (3.8m) Vinyl
15 46V30	Power Cable x 25ft (7.6m) Vinyl
46V28-2	Power Cable x 12.5ft (3.8m) 2 Piece
15 46V30-2	Power Cable x 25ft (7.6m) 2 Piece
16 VS-1	Valve Stem
17 WP26V	Torch Body Valve
18 WP26FX	Torch Body Flexible
19 WP26VFX	Torch Body Flexi Valve

To compliment the WLD Range Parweld offer a comprehensive range of Tungsten Electrodes. For the full range please refer to Page 354.
Popular items include:

	Use	Type
	DC	Thoriated
	AC/DC	Pure
	AC/DC	Lanthanum 1%

	Use	Type
	AC	Zirconated
	AC/DC	Ceriated
	AC/DC	Gold /Lanthan 1.5%

2% Thoriated Tungstens 150mm

Stock Code	Description
1.0MM 2%	1.0mm x 150mm 2% Thoriated Tungstens
1.2MM 2%	1.2mm x 150mm 2% Thoriated Tungstens
1.6MM 2%	1.6mm x 150mm 2% Thoriated Tungstens
2.0MM 2%	2.0mm x 150mm 2% Thoriated Tungstens
2.4MM 2%	2.4mm x 150mm 2% Thoriated Tungstens
3.2MM 2%	3.2mm x 150mm 2% Thoriated Tungstens
4.0MM 2%	4.0mm x 150mm 2% Thoriated Tungstens
4.8MM 2%	4.8mm x 150mm 2% Thoriated Tungstens
6.4MM 2%	6.4mm x 150mm 2% Thoriated Tungstens

0.9% Zirconiated Tungstens 150mm

Stock Code	Description
1.0MM Z	1.0mm x 150mm 0.9% Zirconiated Tungstens
1.6MM Z	1.6mm x 150mm 0.9% Zirconiated Tungstens
2.4MM Z	2.4mm x 150mm 0.9% Zirconiated Tungstens
3.2MM Z	3.2mm x 150mm 0.9% Zirconiated Tungstens
4.0MM Z	4.0mm x 150mm 0.9% Zirconiated Tungstens
4.8MM Z	4.8mm x 150mm 0.9% Zirconiated Tungstens
6.4MM Z	6.4mm x 150mm 0.9% Zirconiated Tungstens

0.9% Zirconiated Tungstens 175mm

Stock Code	Description
1.0MM Z/175	1.0mm x 175mm 0.9% Zirconiated Tungstens
1.6MM Z/175	1.6mm x 175mm 0.9% Zirconiated Tungstens
2.4MM Z/175	2.4mm x 175mm 0.9% Zirconiated Tungstens
3.2MM Z/175	3.2mm x 175mm 0.9% Zirconiated Tungstens
4.0MM Z/175	4.0mm x 175mm 0.9% Zirconiated Tungstens
4.8MM Z/175	4.8mm x 175mm 0.9% Zirconiated Tungstens

2% Ceriated Tungstens 150mm

Stock Code	Description
1.2MM C	1.2mm x 150mm 2% Ceriated Tungstens
1.6MM C	1.6mm x 150mm 2% Ceriated Tungstens
2.0MM C	2.0mm x 150mm 2% Ceriated Tungstens
2.4MM C	2.4mm x 150mm 2% Ceriated Tungstens
3.2MM C	3.2mm x 150mm 2% Ceriated Tungstens
4.0MM C	4.0mm x 150mm 2% Ceriated Tungstens
4.8MM C	4.8mm x 150mm 2% Ceriated Tungstens

2% Ceriated Tungstens 175mm

Stock Code	Description
1.2MM C/175	1.2mm x 175mm 2% Ceriated Tungstens
1.6MM C/175	1.6mm x 175mm 2% Ceriated Tungstens
2.0MM C/175	2.0mm x 175mm 2% Ceriated Tungstens
2.4MM C/175	2.4mm x 175mm 2% Ceriated Tungstens
3.2MM C/175	3.2mm x 175mm 2% Ceriated Tungstens
4.0MM C/175	4.0mm x 175mm 2% Ceriated Tungstens
4.8MM C/175	4.8mm x 175mm 2% Ceriated Tungstens

1.5% Lanthanum (Gold) Tungstens 150mm

Stock Code	Description
1.6MM G	1.6mm x 150mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G	2.4mm x 150mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G	3.2mm x 150mm 1.5% Lanthanum (Gold) Tungstens

1.5% Lanthanum (Gold) Tungstens 175mm

Stock Code	Description
1.6MM G/175	1.6mm x 175mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G/175	2.4mm x 175mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G/175	3.2mm x 175mm 1.5% Lanthanum (Gold) Tungstens

2% Thoriated Tungstens 175mm

Stock Code	Description
1.0MM 2%/175	1.0mm x 175mm 2% Thoriated Tungstens
1.2MM 2%/175	1.2mm x 175mm 2% Thoriated Tungstens
1.6MM 2%/175	1.6mm x 175mm 2% Thoriated Tungstens
2.0MM 2%/175	2.0mm x 175mm 2% Thoriated Tungstens
2.4MM 2%/175	2.4mm x 175mm 2% Thoriated Tungstens
3.2MM 2%/175	3.2mm x 175mm 2% Thoriated Tungstens
4.0MM 2%/175	4.0mm x 175mm 2% Thoriated Tungstens

Pure Tungstens 150mm

Stock Code	Description
1.6MM P	1.6mm x 150mm Pure Tungstens
2.4MM P	2.4mm x 150mm Pure Tungstens
3.2MM P	3.2mm x 150mm Pure Tungstens

Pure Tungstens 175mm

Stock Code	Description
1.0MM P/175	1.0mm x 175mm Pure Tungstens
1.2MM P/175	1.2mm x 175mm Pure Tungstens
1.6MM P/175	1.6mm x 175mm Pure Tungstens
2.0MM P/175	2.0mm x 175mm Pure Tungstens
2.4MM P/175	2.4mm x 175mm Pure Tungstens
3.2MM P/175	3.2mm x 175mm Pure Tungstens

1% Lanthanum Tungstens 150mm

Stock Code	Description
1.6MM L	1.6mm x 150mm 1% Lanthanum Tungstens
2.4MM L	2.4mm x 150mm 1% Lanthanum Tungstens

1% Lanthanum Tungstens 175mm

Stock Code	Description
1.0MM L/175	1.0mm x 175mm 1% Lanthanum Tungstens
1.6MM L/175	1.6mm x 175mm 1% Lanthanum Tungstens
2.4MM L/175	2.4mm x 175mm 1% Lanthanum Tungstens

WLD TIG Features & Benefits

Torch Heads

Lightweight and Durable

- Manufactured with high temperature resistant silicone rubber insulation.
- All copper components ensure cooler running temperatures and maximum current capacity.

Trigger Switches

- A range of switch styles and options are available.

Handles and Boots

Redesigned for Improved Grip

- An additional high grip snap on boot enables rapid servicing and a reduction in downtime.

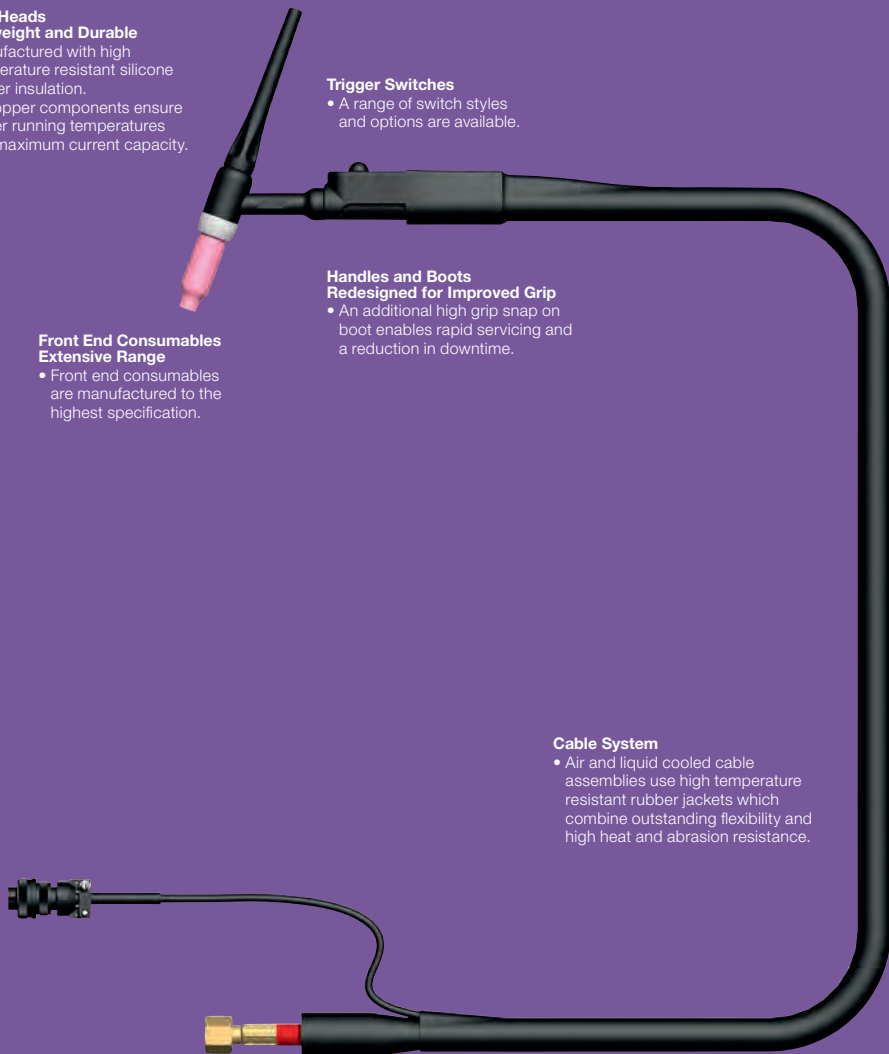
Front End Consumables

Extensive Range

- Front end consumables are manufactured to the highest specification.

Cable System

- Air and liquid cooled cable assemblies use high temperature resistant rubber jackets which combine outstanding flexibility and high heat and abrasion resistance.



Quality Standards

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All our components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



WP9

Air Cooled TIG Welding Torch

125A DC, 100A AC @ 60% Duty Cycle, EN60974-7 .020"-3/32" / 0.5mm to 2.4mm Electrodes



Model	SSW denotes Switched and Sheathed
Stock Code	Description
WP9-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP9-12R	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable
WP9-12-2	TIG Torch x 12.5ft (3.8m) c/w 2 Piece Power Cable
WP9-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP9-12RSSW	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable, SSW
WP9-12-2SSW	TIG Torch x 12.5ft (3.8m) c/w 2 Piece Power Cable, Switch
WP9-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP9-25R	TIG Torch x 25ft (7.6m) c/w Rubber Cable
WP9-25-2	TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable
WP9-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW
WP9-25RSSW	TIG Torch x 25ft (7.6m) c/w Rubber Cable, SSW
WP9-25-2SSW	TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable, Switch

Alternative Torch Body

Stock Code	Description
WP9FX-	TIG Torch with Flexi Head
WP9V-	TIG Torch with Valve Head
WP9P-	TIG Torch with Pencil Head
WP9VFX-	TIG Torch with Flexi Valve Head

For torch packages with alternative torch bodies please order with the above prefix.

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP9-12Z or WP9-12SZ for Switch and zipper cover.

UPGRADE

Upgrade to our Ergonomic
Eco-Grip® TIG torch

- Ergonomic handle reduces RSI and improves operator comfort
- New finger location added to the base of the handle offering greater comfort
- An integrated ball joint offering improved flexibility and manoeuvrability

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm Bore
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

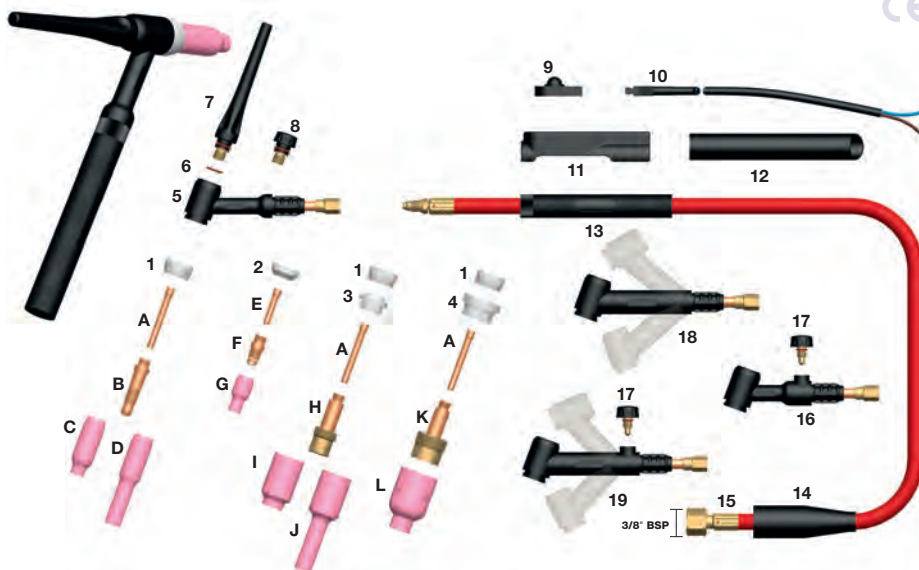
Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 598882	Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens (Use with 18CG)
3 WP9	Torch Body Including Cup Gasket
4 98W77	Back Cap 'O' Ring
5 41V24	Back Cap Long
6 41V35	Back Cap Medium
7 41V33	Back Cap Short
8 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
9 950-40	Switch and Leads x 12.5ft (3.8m)
NI 950-80	Switch and Leads x 25ft (7.6m)
10 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
11 105Z55	Handle
12 0315071	Insulation Boot
13 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
14 57Y01	Power Cable x 12.5ft (3.8m) Vinyl
57Y03	Power Cable x 25ft (7.6m) Vinyl
57Y01R	Power Cable x 12.5ft (3.8m) Rubber
57Y03R	Power Cable x 25ft (7.6m) Rubber
57Y01-2	Power Cable x 12.5ft (3.8m) 2 Piece
57Y03-2	Power Cable x 25ft (7.6m) 2 Piece
15 WP9V	Torch Body Valve
16 VS-2	Valve Stem
17 WP9FX	Torch Body Flexible
18 WP9P	Torch Body Pencil
NI WP9VFX	Torch Body Flexi Valve

NI - Not Illustrated

150A DC, 115A AC @ 60% Duty Cycle, EN60974-7 .020"- 1/8" / 0.5mm to 3.2mm Electrodes



Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/17mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

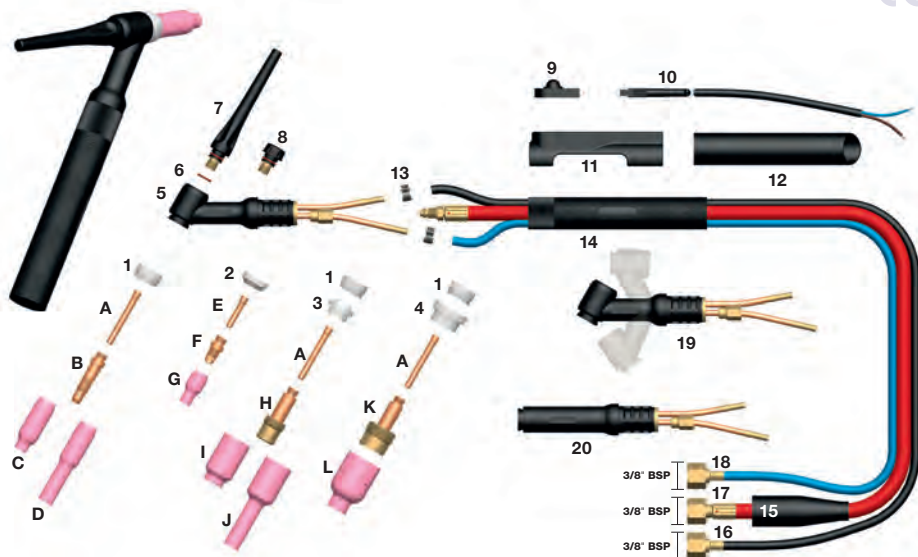
Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP17	Torch Body Including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
10 950-40	Switch and Leads x 12.5ft (3.8m)
10 950-80	Switch and Leads x 25ft (7.6m)
11 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
12 609123	Neoprene Sheath x 12.5ft (3.8m)
12 609125	Neoprene Sheath x 25ft (7.6m)
13 105Z55	Handle
14 0315071	Insulation Boot
15 57Y01	Power Cable x 12.5ft (3.8m) Vinyl
57Y03	Power Cable x 25ft (7.6m) Vinyl
57Y01R	Power Cable x 12.5ft (3.8m) Rubber
57Y03R	Power Cable x 25ft (7.6m) Rubber
57Y01-2	Power Cable x 12.5ft (3.8m) 2 Piece
57Y03-2	Power Cable x 25ft (7.6m) 2 Piece
16 WP17V	Torch Body Valve
17 VS-2	Valve Stem
18 WP17FX	Torch Body Flexible
19 WP17VFX	Torch Body Flexi Valve

NI – Not Illustrated

WP18

Water Cooled TIG Welding Torch

350A DC, 260A AC @ 100% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes



Model

SSW denotes Switched and Sheathed

Stock Code	Description
WP18-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP18-12R	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable
WP18-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP18-12RSSW	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable, SSW
WP18-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP18-25R	TIG Torch x 25ft (7.6m) c/w Rubber Cable
WP18-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW
WP18-25RSSW	TIG Torch x 25ft (7.6m) c/w Rubber Cable, SSW

Alternative Torch Body

Stock Code	Description
WP18FX-	TIG Torch with Flexi Head
WP18SP-	TIG Torch with Pencil Head

For torch packages with alternative torch bodies please order with the above prefix.

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP18-12Z or WP18-12SZ for Switch and zipper cover.

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N23M	Collet 5/64"/2.0mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N31M	Collet Body 5/64"/2.0mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore
45V28	Gas Lens Body 5/32"/4.0mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/17mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore
45V63	Large Diameter Gas Lens Body 5/32"/4.0mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

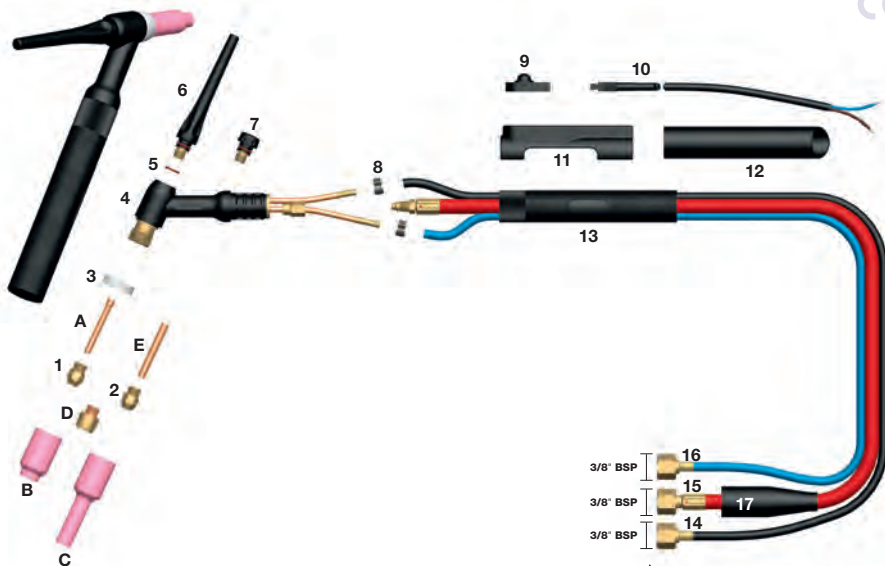
Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP18	Torch Body including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
10 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
11 RD20590	Large Snap-On Boot
NI 607663	Rubber Boot
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 B5024	Hose Clamp
14 10N15	Handle
15 0315071	Insulation Boot
16 45V09	Vinyl Gas Hose x 12.5ft (3.8m)
45V10	Vinyl Gas Hose x 25ft (7.6m)
45V09OB	Overbraid Gas Hose x 12.5ft (3.8m)
45V10OB	Overbraid Gas Hose x 25ft (7.6m)
17 40V64	Power Cable x 12.5ft (3.8m) Vinyl
41V29	Power Cable x 25ft (7.6m) Vinyl
40V64R	Power Cable x 12.5ft (3.8m) Rubber
41V29R	Power Cable x 25ft (7.6m) Rubber
18 45V07	Vinyl Water Hose x 12.5ft (3.8m)
45V08	Vinyl Water Hose x 25ft (7.6m)
45V07OB	Overbraid Water Hose x 12.5ft (3.8m)
45V08OB	Overbraid Water Hose x 25ft (7.6m)
19 WP18FX	Torch Body Flexible
20 WP18SP	Torch Body Pencil

NI – Not Illustrated

WP18SC

Water Cooled TIG Welding Torch

400A DC, 300A AC @ 100% Duty Cycle, EN60974-7 .020"-3/16" / 0.5mm to 4.8mm Electrodes



Model

SSW denotes Switched and Sheathed

Stock Code	Description
WP18SC-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP18SC-12R	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable
WP18SC-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP18SC-12RSSW	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable, SSW
WP18SC-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP18SC-25R	TIG Torch x 25ft (7.6m) c/w Rubber Cable
WP18SC-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW
WP18SC-25RSSW	TIG Torch x 25ft (7.6m) c/w Rubber Cable, SSW

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP18-12Z or WP18-12SZ for Switch and zipper cover.

UPGRADE

Why not upgrade
to the Ergonomically Superior
Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N23M	Collet 5/64"/2.0mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Gas Lens Cup

Stock Code	Description
B 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/17mm Bore

Long Gas Lens Cup

Stock Code	Description
C 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Gas Lens Body

Stock Code	Description
D 18GL16	Gas Lens Body 1/16"/1.6mm Bore
18GL32	Gas Lens Body 3/32"/2.4mm Bore
18GL18	Gas Lens Body 1/8"/3.2mm Bore
18GL53	Gas Lens Body 5/32"/4.0mm Bore
18GL36	Gas Lens Body 3/16"/4.8mm Bore

Heavy Duty Collet

Stock Code	Description
E 10N25HD	Heavy Duty Collet 1/8"/3.2mm Bore
54N20HD	Heavy Duty Collet 5/32"/4.0mm Bore
18C36	Heavy Duty Collet 3/16"/4.8mm Bore

Components

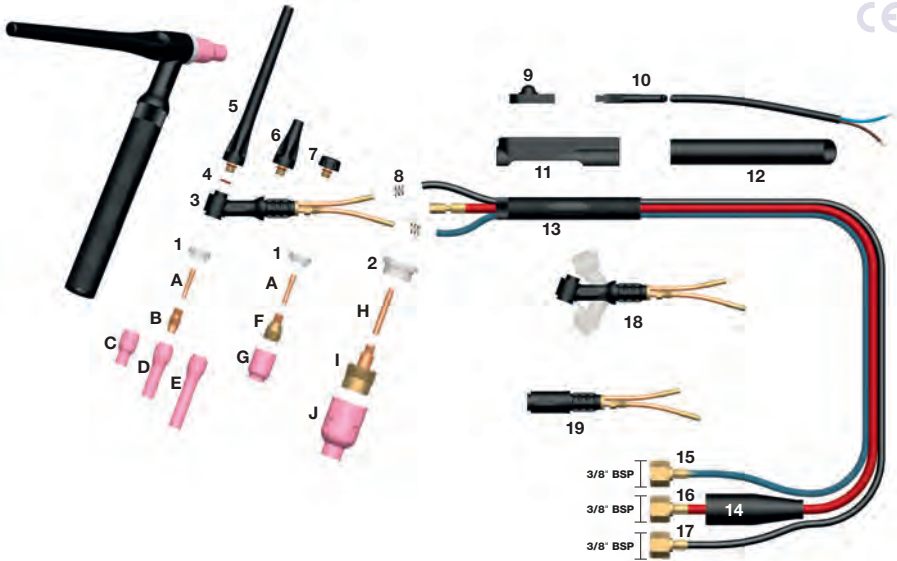
Stock Code	Description
1 NCB-53	Standard Nose Collet Body
2 NCB-36	Heavy Duty Nose Collet Body
3 18NG	Nozzle Gasket
4 WP18SC	Torch Body including Nozzle Gasket
5 98W18	Back Cap 'O' Ring
6 57Y02	Back Cap Long
7 57Y04	Back Cap Short
8 B5024	Hose Clamp
9 950	Microswitch Bulbous
10 950-40	Switch and Leads x 12.5ft (3.8m)
NI 950-80	Switch and Leads x 25ft (7.6m)
11 RD20590	Large Snap-On Boot
NI 607663	Rubber Boot
12 609123	Neoprene Sheath x 12.5ft (3.8m)
12 609125	Neoprene Sheath x 25ft (7.6m)
13 10N15	Handle
14 45V09	Vinyl Gas Hose x 12.5ft (3.8m)
45V10	Vinyl Gas Hose x 25ft (7.6m)
45V09OB	Overbraid Gas Hose x 12.5ft (3.8m)
45V10OB	Overbraid Gas Hose x 25ft (7.6m)
15 40V64	Power Cable x 12.5ft (3.8m) Vinyl
41V29	Power Cable x 25ft (7.6m) Vinyl
40V65R	Power Cable x 12.5ft (3.8m) Rubber
41V29R	Power Cable x 25ft (7.6m) Rubber
16 45V07	Vinyl Water Hose x 12.5ft (3.8m)
45V08	Vinyl Water Hose x 25ft (7.6m)
45V07OB	Overbraid Water Hose x 12.5ft (3.8m)
45V08OB	Overbraid Water Hose x 25ft (7.6m)
17 0315071	Insulation Boot

NI – Not Illustrated

WP20

Water Cooled TIG Welding Torch

250A DC, 190A AC @ 100% Duty Cycle, EN60974-7 .020" - 1/8" / 0.5mm to 3.2mm Electrodes



Model	SSW denotes Switched and Sheathed
Stock Code	Description
WP20-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP20-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP20-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP20-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW

Alternative Torch Body	
Stock Code	Description
WP20FX-	TIG Torch with Flexi Head
WP20P-	TIG Torch with Pencil Head

For torch packages with alternative torch bodies please order with the above prefix.

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP20-12Z or WP20-12SZ for Switch and zipper cover.

UPGRADE

Upgrade to our Ergonomic Eco-Grip® TIG torch

- Ergonomic handle reduces RSI and improves operator comfort
- New finger location added to the base of the handle offering greater comfort
- An integrated ball joint offering improved flexibility and manoeuvrability

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore
13N24	Collet 1/8"/3.2mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore
13N29	Collet Body 1/8"/3.2mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

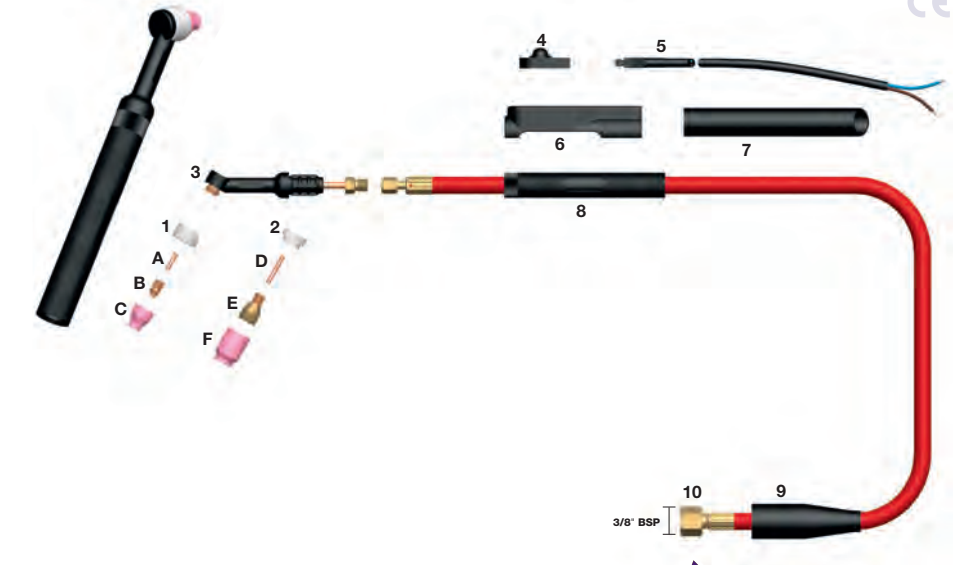
Stock Code	Description
1 598882	Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens (Use with 18CG)
3 WP20	Torch Body including Cup Gasket
4 98W77	Back Cap 'O' Ring
5 41V24	Back Cap Long
6 41V35	Back Cap Medium
7 41V33	Back Cap Short
8 53N04	Wire Clamp
9 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
10 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
11 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 105Z55	Handle
14 0315071	Insulation Boot
15 45V07	Vinyl Water Hose x 12.5ft (3.8m)
45V08	Vinyl Water Hose x 25ft (7.6m)
16 45V03	Power Cable x 12.5ft (3.8m) Vinyl
45V04	Power Cable x 25ft (7.6m) Vinyl
17 45V09	Vinyl Gas Hose x 12.5ft (3.8m)
45V10	Vinyl Gas Hose x 25ft (7.6m)
18 WP20FX	Torch Body Flexible
19 WP20P	Torch Body Pencil

NI – Not Illustrated

WP24

Air Cooled TIG Welding Torch

80A DC, 50A AC @ 60% Duty Cycle, EN60974-7 .020"-3/32" / 0.5mm to 1.6mm Electrodes



Model	SSW denotes Switched and Sheathed
Stock Code	Description
WP24-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP24-12R	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable
WP24-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP24-12RSSW	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable, SSW
WP24-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP24-25R	TIG Torch x 25ft (7.6m) c/w Rubber Cable
WP24-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW
WP24-25RSSW	TIG Torch x 25ft (7.6m) c/w Rubber Cable, SSW

UPGRADE

Upgrade to our Ergonomic
Eco-Grip® TIG torch

- Ergonomic handle reduces RSI and improves operator comfort
- New finger location added to the base of the handle offering greater comfort
- An integrated ball joint offering improved flexibility and manoeuvrability

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP24-12Z or WP24-12SZ for Switch and zipper cover.

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 53N16	Standard Collet .040"/1.0mm Bore
53N14	Standard Collet 1/16"/1.6mm Bore

Collet Body

Stock Code	Description
B 53N18	Standard Collet Body .040"/1.0mm Bore
53N19	Standard Collet Body 1/16"/1.6mm Bore

Ceramic Cup

Stock Code	Description
C 53N24	Standard Ceramic Cup 1/4"/6mm Bore
53N25	Standard Ceramic Cup 5/16"/8mm Bore
53N27	Standard Ceramic Cup 3/8"/10mm Bore

Gas Lens Collet

Stock Code	Description
D 53N64	Gas Lens Collet 1/16"/1.6mm Bore

Gas Lens Body

Stock Code	Description
E 45V43	Gas Lens Body 1/6"/1.6mm Bore

Gas Lens Cup

Stock Code	Description
F 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Components

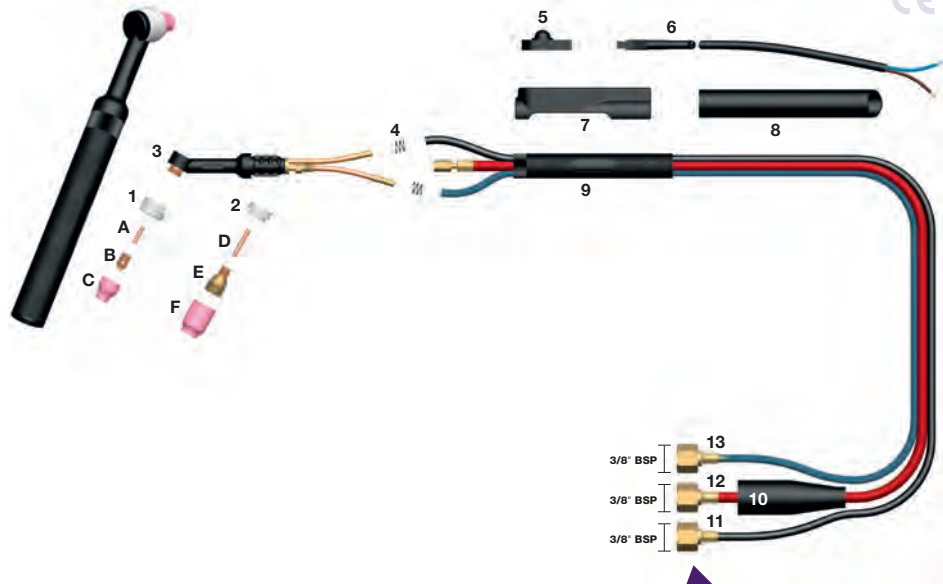
Stock Code	Description
1 53N22	Standard Cup Gasket
2 53N66	Gas Lens Insulator (Use with 18CG)
3 WP24	Torch Body including Cup Gasket
4 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
5 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
6 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
7 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
8 105Z55	Handle
9 0315071	Insulation Boot
10 56Y38	Power Cable x 12.5ft (3.8m) Vinyl
56Y97	Power Cable x 25ft (7.6m) Vinyl
56Y38R	Power Cable x 12.5ft (3.8m) Rubber
56Y97R	Power Cable x 25ft (7.6m) Rubber

NI – Not Illustrated

WP24W

Water Cooled TIG Welding Torch

180A DC, 135A AC @ 100% Duty Cycle, EN60974-7 .020"-3/32" / 0.5mm to 1.6mm Electrodes



Model	SSW denotes Switched and Sheathed
Stock Code	Description
WP24W-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP24W12SSW	TIG Torch x 12ft (3.8m) c/w Vinyl Power Cable, SSW
WP24W-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP24W-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP24W-12Z or WP24W-12SZ for Switch and zipper cover.

UPGRADE

Why not upgrade to the Ergonomically Superior Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 53N16	Standard Collet .040"/1.0mm Bore
53N14	Standard Collet 1/16"/1.6mm Bore

Collet Body

Stock Code	Description
B 53N18	Standard Collet Body .040"/1.0mm
53N19	Standard Collet Body 1/16"/1.6mm

Ceramic Cup

Stock Code	Description
C 53N24	Standard Ceramic Cup 1/4"/6mm Bore
53N25	Standard Ceramic Cup 5/16"/8mm Bore
53N27	Standard Ceramic Cup 3/8"/10mm Bore

Gas Lens Collet

Stock Code	Description
D 53N64	Gas Lens Collet 1/16"/1.6mm Bore

Gas Lens Body

Stock Code	Description
E 45V43	Gas Lens Body 1/6"/1.6mm Bore

Gas Lens Cup

Stock Code	Description
F 53N58	Gas Lens Cup 1/4"/6mm Bore
53N69	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Components

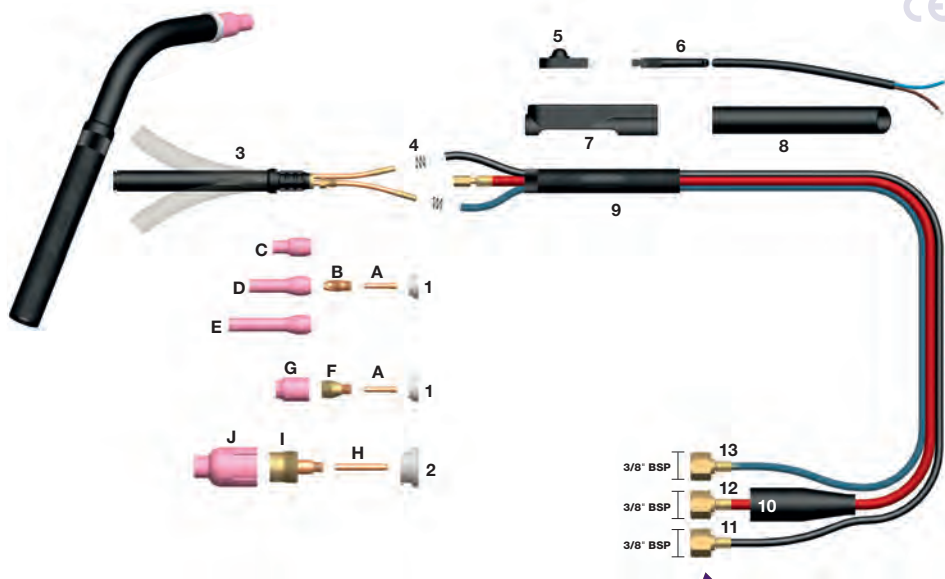
Stock Code	Description
1 53N22	Standard Cup Gasket
2 53N66	Gas Lens Insulator (Use with 18CG)
3 WP24W	Torch Body including Cup Gasket
4 53N04	Wire Clamp
5 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
6 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
7 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
8 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
9 105Z55	Handle
10 0315071	Insulation Boot
11 45V09	Vinyl Gas Hose x 12.5ft (3.8m)
45V10	Vinyl Gas Hose x 25ft (7.6m)
12 45V03	Power Cable x 12.5ft (3.8m) Vinyl
45V04	Power Cable x 25ft (7.6m) Vinyl
13 45V07	Vinyl Water Hose x 12.5ft (3.8m)
45V08	Vinyl Water Hose x 25ft (7.6m)

NI – Not Illustrated

WP25

Water Cooled TIG Welding Torch

200A DC, 150A AC @ 100% Duty Cycle, EN60974-7 .020" - 1/8" / 0.5mm to 3.2mm Electrodes



Model

SSW denotes Switched and Sheathed

Stock Code	Description
WP25-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP25-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP25-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP25-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP25-12Z or WP25-12SZ for Switch and zipper cover.

UPGRADE

Why not upgrade to the Ergonomically Superior Pro-Grip® TIG torch?

- Integrated Dual Soft Grips
- Plug and Play Technology
- Switches can be changed within 5 seconds
- 7 different switch options to suit all applications
- Designed registered

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Collet

Stock Code	Description
A 13N20	Collet .020"/0.5mm Bore
13N21	Collet .040"/1.0mm Bore
13N22	Collet 1/16"/1.6mm Bore
13N22M	Collet 5/64"/2.0mm Bore
13N23	Collet 3/32"/2.4mm Bore
13N24	Collet 1/8"/3.2mm Bore

Collet Body

Stock Code	Description
B 13N25	Collet Body .020"/0.5mm Bore
13N26	Collet Body .040"/1.0mm Bore
13N27	Collet Body 1/16"/1.6mm Bore
13N27M	Collet Body 5/64"/2.0mm Bore
13N28	Collet Body 3/32"/2.4mm Bore
13N29	Collet Body 1/8"/3.2mm Bore

Ceramic Cup

Stock Code	Description
C 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Long Ceramic Cup

Stock Code	Description
D 796F70	Long Ceramic Cup 3/16"/5mm Bore
796F71	Long Ceramic Cup 1/4"/6mm Bore
796F72	Long Ceramic Cup 5/16"/8mm Bore
796F73	Long Ceramic Cup 3/8"/10mm Bore

Extra Long Ceramic Cup

Stock Code	Description
E 796F74	Extra Long Ceramic Cup 3/16"/5mm Bore
796F75	Extra Long Ceramic Cup 1/4"/6mm Bore
796F76	Extra Long Ceramic Cup 5/16"/8mm Bore
796F77	Extra Long Ceramic Cup 3/8"/10mm Bore

Gas Lens Body

Stock Code	Description
F 45V41	Gas Lens Body .020"/0.5mm Bore
45V42	Gas Lens Body .040"/1.0mm Bore
45V43	Gas Lens Body 1/16"/1.6mm Bore
45V44	Gas Lens Body 3/32"/2.4mm Bore
45V45	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
G 53N58	Gas Lens Cup 1/4"/6mm Bore
53N59	Gas Lens Cup 5/16"/8mm Bore
53N60	Gas Lens Cup 3/8"/10mm Bore
53N61	Gas Lens Cup 7/16"/11mm Bore
53N61-S	Gas Lens Cup 1/2"/13mm Bore

Large Diameter Gas Lens Collet

Stock Code	Description
H 13N22L	Large Diameter Gas Lens Collet 1/16"/1.6mm Bore
13N23L	Large Diameter Gas Lens Collet 3/32"/2.4mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
I 45V116S	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64S	Large Diameter Gas Lens Body 3/32"/2.4mm Bore

Large Diameter Gas Lens Cup

Stock Code	Description
J 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

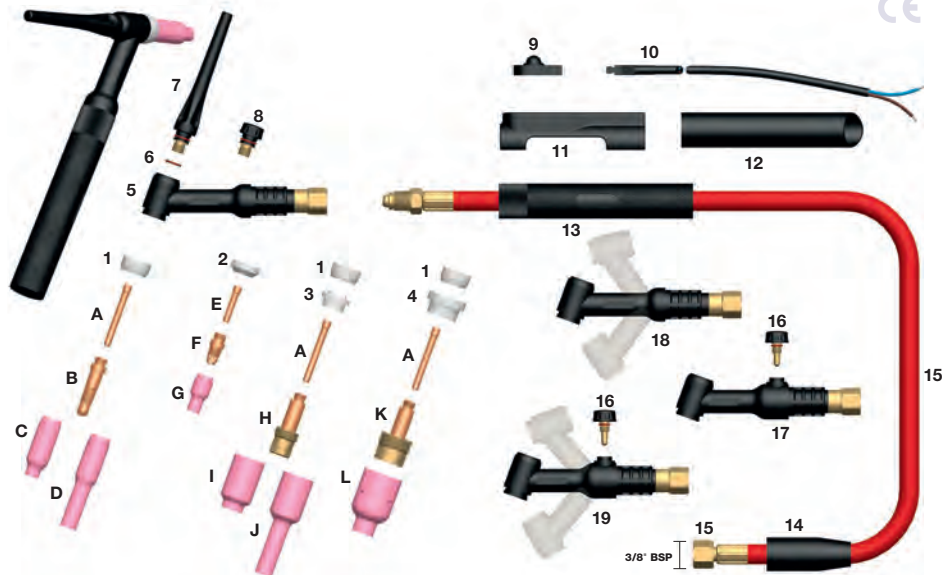
Stock Code	Description
1 53N22	Standard Cup Gasket
2 54N63-20	Insulator Large Diameter Gas Lens (Use with 18CG)
3 WP25	Torch Body including Cup Gasket
4 53N04	Wire Clamp
5 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
6 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
7 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
8 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
9 105Z55	Handle
10 0315071	Insulation Boot
11 45V09	Vinyl Gas Hose x 12.5ft (3.8m)
45V10	Vinyl Gas Hose x 25ft (7.6m)
12 45V03	Power Cable x 12.5ft (3.8m) Vinyl
45V04	Power Cable x 25ft (7.6m) Vinyl
13 45V07	Vinyl Water Hose x 12.5ft (3.8m)
45V08	Vinyl Water Hose x 25ft (7.6m)

NI – Not Illustrated

WP26

Air Cooled TIG Welding Torch

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7 .020"-5/32" / 0.5mm to 4.0mm Electrodes



Models

SSW denotes Switched and Sheathed

Stock Code	Description
WP26-12	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable
WP26-12R	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable
WP26-12-2	TIG Torch x 12.5ft (3.8m) c/w 2 Piece Power Cable
WP26-12SSW	TIG Torch x 12.5ft (3.8m) c/w Vinyl Power Cable, SSW
WP26-12RSSW	TIG Torch x 12.5ft (3.8m) c/w Rubber Cable, SSW
WP26-12-2SSW	TIG Torch x 12.5ft (3.8m) c/w 2 Piece Power Cable, Switch
WP26-25	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable
WP26-25R	TIG Torch x 25ft (7.6m) c/w Rubber Cable
WP26-25-2	TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable
WP26-25SSW	TIG Torch x 25ft (7.6m) c/w Vinyl Power Cable, SSW
WP26-25RSSW	TIG Torch x 25ft (7.6m) c/w Rubber Cable, SSW
WP26-25-2SSW	TIG Torch x 25ft (7.6m) c/w 2 Piece Power Cable, Switch

Alternative Torch Body

Stock Code	Description
WP26FX-	TIG Torch with Flexi Head
WP26V-	TIG Torch with Valve Head
WP26VFX-	TIG Torch with Flexi Valve Head

For torch packages with alternative torch bodies please order with the above prefix.

To add a Cable Plug please refer to Page 196.

Zipper Cover Options are also available, please suffix your torch stock code with a "Z" i.e. WP26-12Z or WP26-12SZ for Switch and zipper cover.

Collet

Stock Code	Description
A 10N21	Collet .020"/0.5mm Bore
10N22	Collet .040"/1.0mm Bore
10N23	Collet 1/16"/1.6mm Bore
10N24	Collet 3/32"/2.4mm Bore
10N25	Collet 1/8"/3.2mm Bore
54N20	Collet 5/32"/4.0mm Bore

Collet Body

Stock Code	Description
B 10N29	Collet Body .020"/0.5mm Bore
10N30	Collet Body .040"/1.0mm Bore
10N31	Collet Body 1/16"/1.6mm Bore
10N32	Collet Body 3/32"/2.4mm Bore
10N28	Collet Body 1/8"/3.2mm Bore
406488	Collet Body 5/32"/4.0mm Bore

All torches are supplied 3/8" BSP as standard.
For alternate configurations please refer to page 139-143

Ceramic Cup

Stock Code	Description
C 10N50	Ceramic Cup 1/4"/6mm Bore
10N49	Ceramic Cup 5/16"/8mm Bore
10N48	Ceramic Cup 3/8"/10mm Bore
10N47	Ceramic Cup 7/16"/11mm Bore
10N46	Ceramic Cup 1/2"/13mm Bore
10N45	Ceramic Cup 5/8"/16mm Bore
10N44	Ceramic Cup 3/4"/19mm Bore

Long Ceramic Cup

Stock Code	Description
D 10N49L	Long Ceramic Cup 5/16"/8mm Bore
10N48L	Long Ceramic Cup 3/8"/10mm Bore
10N47L	Long Ceramic Cup 7/16"/11mm Bore

Stubby Collet

Stock Code	Description
E 10N21S	Stubby Collet .020"/0.5mm Bore
10N22S	Stubby Collet .040"/1.0mm Bore
10N23S	Stubby Collet 1/16"/1.6mm Bore
10N24S	Stubby Collet 3/32"/2.4mm Bore
10N25S	Stubby Collet 1/8"/3.2mm Bore

Stubby Collet Body

Stock Code	Description
F 17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

Ceramic Cup

Stock Code	Description
G 13N08	Ceramic Cup 1/4"/6mm Bore
13N09	Ceramic Cup 5/16"/8mm Bore
13N10	Ceramic Cup 3/8"/10mm Bore
13N11	Ceramic Cup 7/16"/11mm Bore
13N12	Ceramic Cup 1/2"/13mm Bore
13N13	Ceramic Cup 5/8"/16mm Bore

Gas Lens Body

Stock Code	Description
H 45V29	Gas Lens Body .020"/0.5mm Bore
45V24	Gas Lens Body .040"/1.0mm Bore
45V25	Gas Lens Body 1/16"/1.6mm Bore
45V26	Gas Lens Body 3/32"/2.4mm Bore
45V27	Gas Lens Body 1/8"/3.2mm Bore

Gas Lens Cup

Stock Code	Description
I 54N18	Gas Lens Cup 1/4"/6mm Bore
54N17	Gas Lens Cup 5/16"/8mm Bore
54N16	Gas Lens Cup 3/8"/10mm Bore
54N15	Gas Lens Cup 7/16"/11mm Bore
54N14	Gas Lens Cup 1/2"/13mm Bore
54N19	Gas Lens Cup 11/16"/17mm Bore

Long Gas Lens Cup

Stock Code	Description
J 54N17L	Long Gas Lens Cup 5/16"/8mm Bore
54N16L	Long Gas Lens Cup 3/8"/10mm Bore
54N15L	Long Gas Lens Cup 7/16"/11mm Bore

Large Diameter Gas Lens Body

Stock Code	Description
K 45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

Large Diameter Gas Lens Cup

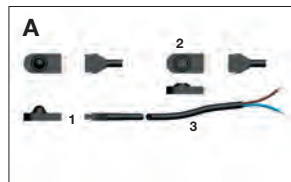
Stock Code	Description
L 57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

Components

Stock Code	Description
1 18CG	Cup Gasket
2 18CG20	Cup Gasket for Stubby Collet Body
3 54N01	Gas Lens Insulator (Use with 18CG)
4 54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 WP26	Torch Body including Cup Gasket
6 98W18	Back Cap 'O' Ring
7 57Y02	Back Cap Long
8 57Y04	Back Cap Short
9 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
10 950-40	Switch and Leads x 12.5ft (3.8m)
950-80	Switch and Leads x 25ft (7.6m)
11 RDZ0590	Large Snap-On Boot
NI 607663	Rubber Boot
12 609123	Neoprene Sheath x 12.5ft (3.8m)
609125	Neoprene Sheath x 25ft (7.6m)
13 10N15	Handle
14 0315071	Insulation Boot
15 46V28	Power Cable x 12.5ft (3.8m) Vinyl
46V30	Power Cable x 25ft (7.6m) Vinyl
46V28R	Power Cable x 12.5ft (3.8m) Rubber
46V30R	Power Cable x 25ft (7.6m) Rubber
46V28-2	Power Cable x 12.5ft (3.8m) 2 Piece
46V30-2	Power Cable x 25ft (7.6m) 2 Piece
16 VS-1	Valve Stem
17 WP26V	Torch Body Valve
18 WP26FX	Torch Body Flexible
19 WP26VFX	Torch Body Flexi Valve

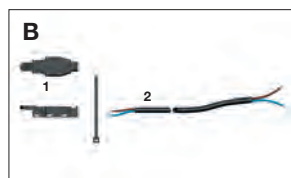
NI – Not Illustrated

Extension Cables/Switches



Momentary Switch

A	Stock Code	Description
1	950	Microswitch Bulbous
2	950F	Microswitch Flat
NI	950F-40	Flat Switch & Leads x 4m
	950F-80	Flat Switch & Leads x 8m
3	950-40	Bulbous Switch & Leads x 4m
	950-80	Bulbous Switch & Leads x 8m
	950-40S	Bulbous Switch c/w Screened Cable x 4m
	950-80S	Bulbous Switch c/w Screened Cable x 8m



Lever Type Momentary Switch

C	Stock Code	Description
1	952	TIG Switch Lever Type
2	952-40	Switch & Leads x 4m
	952-80	Switch & Leads x 8m



Air Cooled Extension Cables

D	Stock Code	Description
	600602	Complete A/C Extension Kit 25ft 200A



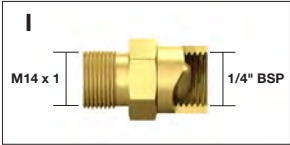
Water Cooled Extension Cables

E	Stock Code	Description
	600601	Complete W/C Extension Kit 25ft 350A

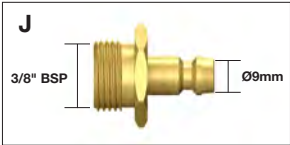


Zipper Cover

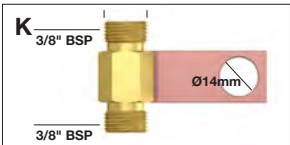
F	Stock Code	Description
	WC-3-10	Zipper Cover 3m/10ft
	WC-3-12	Zipper Cover 3.6m/12ft
	WC-3-22	Zipper Cover 6.7m/22ft
	WC-3-25	Zipper Cover 7.6m/25ft
	WC-4-12	Zipper Cover 3.6m/12ft
	WC-4-25	Zipper Cover 7.6m/25ft



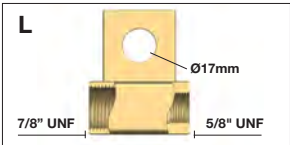
Cable Adaptors	
Stock Code	Description
I 608615	Adaptor M14 x 1" Male x 1/4" BSP Female



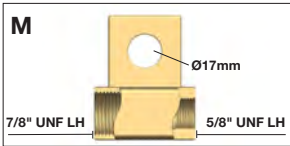
Stock Code	Description
J 608619	Adaptor 3/8" BSP Male xQ.Fit Water



Power Adaptors	
Stock Code	Description
K 0315012	Lug Power Adaptor 3/8" BSP Male



Stock Code	Description
L 45V62	Lug Power Adaptor 7/8" UNF RH Male to 5/8" UNF RH Female



Stock Code	Description
M 45V11	Lug Power Adaptor 7/8" UNF LH Male to 5/8" UNF LH Female



Power Adaptors		1	2
Stock Code	Description		
A D1625-1-1	Power Adaptor	3/8" BSP	3/8" BSP
D1625-1-4	Power Adaptor	3/8" BSP	1/4" BSP



Stock Code	Description	1	2
B D3595-1-1	Power Adaptor	3/8" BSP	3/8" BSP
D3595-1-3	Power Adaptor	3/8" BSP	5/8" UNF RH
D3595-1-4	Power Adaptor	3/8" BSP	1/4" BSP
D3595-1-5	Power Adaptor	3/8" BSP	M12
D3595-1-6	Power Adaptor	3/8" BSP	5/8" UNF LH MALE
D3595-1-8	Power Adaptor	3/8" BSP	1/8" BSP
D3595-1-9	Power Adaptor	3/8" BSP	9/16" UNF RH
NI D3595-1-QF	Power Adaptor	3/8" BSP	Quick Fit
D3595-1-L	Power Adaptor	3/8" BSP	Lincoln® QF

Note: All Registered Trademarks listed are the property of their respective manufacturer.

Reference to the original manufacturer is for reference only.

Cable Plugs



Stock Code	Description	Machine
A ERCP0	2 Pin Amphenol Plug	ESAB®/Murex®



Stock Code	Description	Machine
B ERCP1	4 Pin Amphenol Plug	Kemppi®



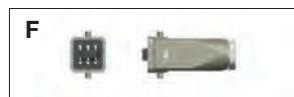
Stock Code	Description	Machine
C ERCP2	5 Pin Amphenol Plug	Miller®



Stock Code	Description	Machine
D ERCP3	6 Pin Amphenol Plug	Lincoln®



Stock Code	Description	Machine
E ERCP4	14 Pin Amphenol Plug	Miller®



Stock Code	Description	Machine
F ERCP5	6 Pin Harting Plug	Migatronic®



Stock Code	Description	Machine
G ERCP6	8 Pin Plug	Thermal Arc®



Stock Code	Description	Machine
H ERCP7	3 Pin Tuchel Plug	Messer®



Stock Code	Description	Machine
I ERCP8	9 Pin Tuchel Plug	Fronius®



Stock Code	Description	Machine
J ERCP9	5 Pin Tuchel Plug	Messer®/EWM®/Lincoln®

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Stock Code	Description	Machine
K ERCP10	12 Pin Bundy Plug	ESAB®



Stock Code	Description	Machine
L ERCP11	7 Pin Migatronic Plug®	Migatronic®



Stock Code	Description	Machine
M ERCP12	2 Pin XTI Inverter Plug	Parweld XTI 180



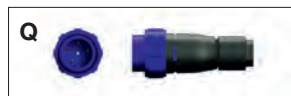
Stock Code	Description	Machine
N ERCP16	5 Pin Amphenol Plug	Lincoln®



Stock Code	Description	Machine
O ERCP17	7 Pin Tuchel Plug	Eutectic



Stock Code	Description	Machine
P ERCP18	14 Pin XTI Inverter Plug	Parweld XTI 201/303



Stock Code	Description	Machine
Q ERCP19	5 Pin XTI Inverter Plug	Parweld XTI 181



Stock Code	Description	Machine
R ERCP20	3 Pin XTI Inverter Plug	Parweld XTI 601MP



Stock Code	Description	Machine
S ERCP21	2 Pin Push Fit Plug	ESAB®

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Cable Plugs



Stock Code	Description	Machine
U ERCP23	3 Pin Plug	GY5® / Newarc®



Stock Code	Description	Machine
V ERCP24	5 Pin Plug	GY5® Remote Current



Stock Code	Description	Machine
W ERCP25	7 Pin Plug	Kemppi®



Stock Code	Description	Machine
X ERCP26	14 Pin Plug	ESAB®



Stock Code	Description	Machine
Y ERCP27	6 Pin Plug	Miller®



Stock Code	Description	Machine
Z ERCP28	7 Pin Plug	Parweld



Stock Code	Description	Machine
A1 ERCP29	7 Pin Plug	Inverter Fusion®



Stock Code	Description	Machine
B1 ERCP31	3 Pin Plug XLR	



Stock Code	Description	Machine
C1 ERCP32	7 Pin Plug JIS-C	



Stock Code	Description	Machine
D1 ERCP33	4mm Pin Plug	Saf/Oerlikon®

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Snap On Water Connectors

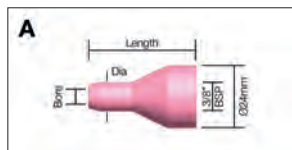


	Stock Code	Description
A	B5034	Snap on Water Connector Small

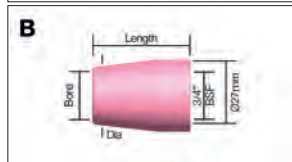


	Stock Code	Description
B	801223	Snap on Water Connector Large

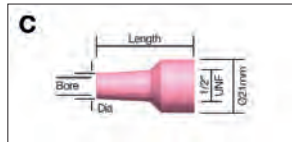
Ceramic Cups



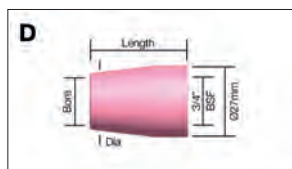
Stock Code	Description	Bore	Diameter	Length	Model
A 889705	Standard AI Cup	6mm/1/4"	11mm/7/16"	68mm/2 5/8"	MK11A
889706	Standard AI Cup	10mm/3/8"	16mm/5/8"	68mm/2 5/8"	MK11A
889707	Standard AI Cup	6mm/1/4"	11mm/7/16"	42mm/1 5/8"	MK11A
889708	Standard AI Cup	10mm/3/8"	16mm/5/8"	42mm/1 5/8"	MK11A



Stock Code	Description	Bore	Diameter	Length	Model
B 889688	Standard AI Cup	10mm/3/8"	14mm/9/16"	38mm/1 1/2"	TW 450
889689	Standard AI Cup	13mm/1/2"	17mm/11/16"	38mm/1 1/2"	TW 450
889690	Standard AI Cup	15mm/5/8"	22mm/7/8"	38mm/1 1/2"	TW 450

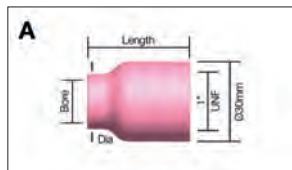


Stock Code	Description	Bore	Diameter	Length	Model
C 0315030	Ceramic Cup	6mm/1/4"	10mm/3/8"	38mm/1 1/2"	PA 121, 301
0315031	Ceramic Cup	6mm/1/4"	10mm/3/8"	45mm/1 3/4"	PA 121, 301
0315032	Ceramic Cup	6mm/1/4"	11mm/7/16"	67mm/2 5/8"	PA 121, 301
0315033	Ceramic Cup	8mm/5/16"	11mm/7/16"	38mm/1 1/2"	PA 121, 301
0315034	Ceramic Cup	10mm/3/8"	12mm/15/32"	32mm/1 1/4"	PA 121, 301
0315035	Ceramic Cup	10mm/3/8"	15mm/19/32"	46mm/1 7/8"	PA 121, 301
0315036	Ceramic Cup	11mm/7/16"	14mm/9/16"	33mm/1 1/4"	PA 121, 301
0315037	Ceramic Cup	11mm/7/16"	16mm/5/8"	46mm/1 7/8"	PA 121, 301

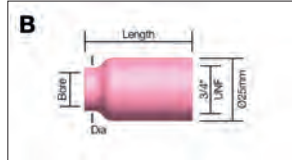


Stock Code	Description	Bore	Diameter	Length	Model
D 0314201	Standard AI Cup	10mm/3/8"	14mm/9/16"	38mm/1 1/2"	PA 401
0314202	Standard AI Cup	13mm/1/2"	17mm/11/16"	38mm/1 1/2"	PA 401
0314203	Standard AI Cup	15mm/5/8"	22mm/7/8"	38mm/1 1/2"	PA 401

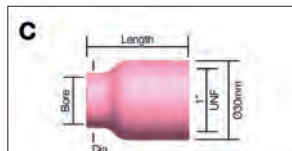
Gas Lens Cups



Stock Code	Description	Bore	Diameter	Length	Model
A 889699	Gas Lens Cup	10mm/3/8"	14mm/9/16"	40mm/1 9/16"	TW 450
889700	Gas Lens Cup	13mm/1/2"	17mm/11/16"	40mm/1 9/16"	TW 450
889701	Gas Lens Cup	16mm/5/8"	20mm/25/32"	40mm/1 9/16"	TW 450



Stock Code	Description	Bore	Diameter	Length	Model
B 0315080	Gas Lens Cup	6mm/1/4"	11mm/7/16"	42mm/1 5/8"	PA 121, 301
0315081	Gas Lens Cup	8mm/5/16"	13mm/1/2"	42mm/1 5/8"	PA 121, 301
0315082	Gas Lens Cup	10mm/3/8"	14mm/9/16"	42mm/1 5/8"	PA 121, 301
0315083	Gas Lens Cup	11mm/7/16"	15mm/19/32"	42mm/1 5/8"	PA 121, 301
0315084	Gas Lens Cup	13mm/1/2"	17mm/11/16"	42mm/1 5/8"	PA 121, 301
0315085	Gas Lens Cup	18mm/11/16"	22mm/7/8"	42mm/1 5/8"	PA 121, 301



Stock Code	Description	Bore	Diameter	Length	Model
C 0314301	Gas Lens Cup	10mm/3/8"	14mm/9/16"	40mm/1 1/27"	PA 401
0314302	Gas Lens Cup	13mm/1/2"	17mm/11/16"	40mm/1 1/27"	PA 401
0314303	Gas Lens Cup	16mm/5/8"	20mm/25/32"	40mm/1 1/27"	PA 401

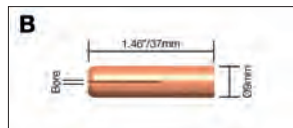
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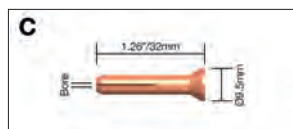
Collets



Stock Code	Description	Bore	Model
A 889899	Standard Collet	1.6mm/1/16"	MK11A
889900	Standard Collet	2.4mm/3/32"	MK11A
889901	Standard Collet	3.2mm/1/8"	MK11A



Stock Code	Description	Bore	Model
B 889796	Standard Collet	1.2mm/3/64"	TW 450
889797	Standard Collet	1.6mm/1/16"	TW 450
889683	Standard Collet	2.4mm/3/32"	TW 450
889684	Standard Collet	3.2mm/1/8"	TW 450
889685	Standard Collet	4.0mm/5/32"	TW 450
889686	Standard Collet	4.8mm/3/16"	TW 450
889687	Standard Collet	6.4mm/1/4"	TW 450



Stock Code	Description	Bore	Model
C 889702	Standard Collet	1.6mm/1/16"	TW 450
889703	Standard Collet	2.4mm/3/32"	TW 450
889704	Standard Collet	3.2mm/1/8"	TW 450

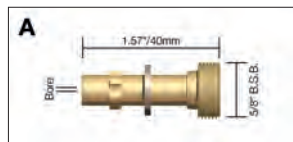


Stock Code	Description	Bore	Model
D 0315020	Standard Collet	1.0mm/0.040"	PA 121, 301
0315021	Standard Collet	1.6mm/1/16"	PA 121, 301
0315022	Standard Collet	2.4mm/3/32"	PA 121, 301
0315023	Standard Collet	3.2mm/1/8"	PA 121, 301
0315024	Standard Collet	4.0mm/5/32"	PA 121, 301
0315025	Standard Collet	4.8mm/3/16"	PA 121, 301
0315026	Standard Collet	5.5mm/7/32"	PA 121, 301



Stock Code	Description	Bore	Model
E 0314101	Standard Collet	1.6mm/1/16"	PA 401
0314102	Standard Collet	2.4mm/3/32"	PA 401
0314103	Standard Collet	3.2mm/1/8"	PA 401
0314104	Standard Collet	4.0mm/5/32"	PA 401
0314105	Standard Collet	4.8mm/3/16"	PA 401
0314106	Standard Collet	6.4mm/1/4"	PA 401

Collet Holders

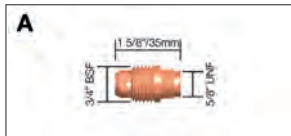


Stock Code	Description	Bore	Model
A 889902	Collet Holder & Washer	All Sizes	MK11A

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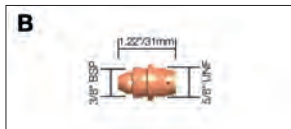
Reference to the original manufacturer is for reference only.

Collet Bodies



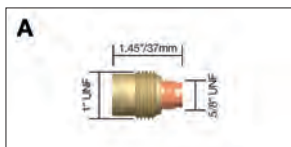
Stock Code	Description	Bore	Model
A 606090	Collet Body	1.2mm-6.4mm/3/64"-1/4"	TW 450
0314200	Collet Body	1.2mm-6.4mm/3/64"-1/4"	PA 401

Gas Cup Adaptor

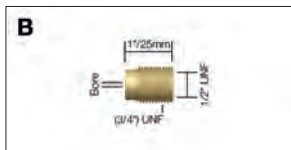


Stock Code	Description	Bore	Model
B 606187	Gas Cup Adaptor	1.6mm-3.2mm/1/6"-1/8"	TW 450

Gas Lenses

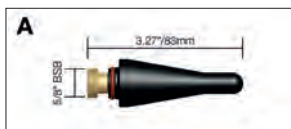


Stock Code	Description	Bore	Model
A 606194	Collet Body	6.5mm/1/4"	PA 121
0314300	Collet Body	6.5mm/1/4"	PA 121



Stock Code	Description	Bore	Model
B 0316025	Gas Lens Body	1.6mm/1/16"	PA 121
0316026	Gas Lens Body	2.4mm/3/32"	PA 121
0316027	Gas Lens Body	3.2mm/1/8"	PA 121
0316028	Gas Lens Body	4.0mm/5/32"	PA 121

Back Caps



Stock Code	Description	Model
A 112698	Long Back Cap	MK11A



Stock Code	Description	Model
B 112602	Short Back Cap	MK11A



Stock Code	Description	Model
C 607756	Long Back Cap	TW 450
0314003	Long Back Cap	PA 401

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Stock Code	Description	Model
D 607758	Short Back Cap	TW 450
0314004	Short Back Cap	PA 401



Stock Code	Description	Model
E 0315042	Long Back Cap	PA 121, 301



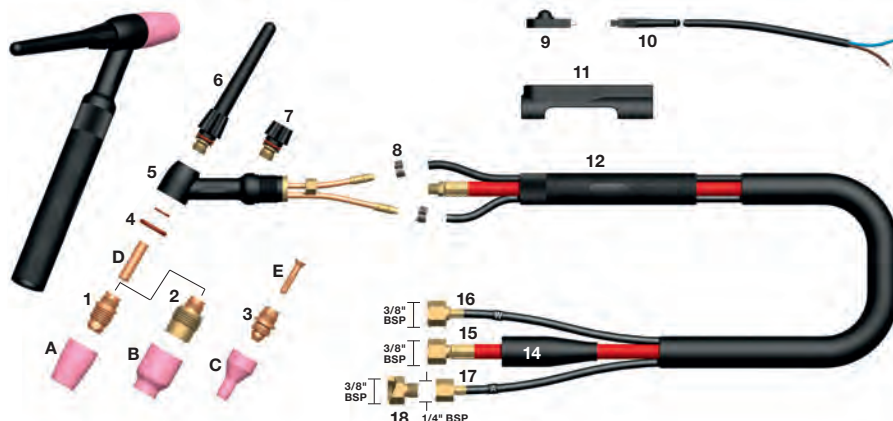
Stock Code	Description	Model
F 0315041	Short Back Cap	PA 121, 301

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Reference to the original manufacturer is for reference only.

TW 450

Water Cooled TIG Torch

450A DC, 340A AC @ 100% Duty Cycle, EN60974-7 0.045"-1/4" / 1.2mm to 6.4mm Electrodes



Model

Stock Code	Description
1402225	Torch Package x 4m c/w PVC Cable and Switch
1402226	Torch Package x 8m c/w PVC Cable and Switch
1402225C	Torch Package x 4m c/w PVC Cable, SSW
1402226C	Torch Package x 8m c/w PVC Cable, SSW
1415026	Torch Package x 4m c/w Overbraid Cable, SSW
1415027	Torch Package x 8m c/w Overbraid Cable, SSW

Standard Alumina Cup

Stock Code	Description
A 889688	Alumina Cup 3/8"/10mm Bore
889689*	Alumina Cup 1/2"/13mm Bore
889690	Alumina Cup 5/8"/16mm Bore

Standard Gas Lens Cup

Stock Code	Description
B 889699	Gas Lens Cup 3/8"/10mm Bore
889700	Gas Lens Cup 1/2"/13mm Bore
889701	Gas Lens Cup 5/8"/16mm Bore

Standard Alumina Cup (MK 11A)

Stock Code	Description
C 889705	Alumina Cup 1/4"/6mm Bore
889706	Alumina Cup 3/8"/10mm Bore
889707	Alumina Cup 1/4"/6mm Bore
889708	Alumina Cup 3/8"/10mm Bore

Standard Collet

Stock Code	Description
D 889797	Collet 1/16"/1.6mm Bore
889683	Collet 3/32"/2.4mm Bore
889684*	Collet 1/8"/3.2mm Bore
889687	Collet 1/4"/6.4mm Bore

Adaptor Collet (MK 11A)

Stock Code	Description
E 889702	Adaptor Collet 1/16"/1.6mm Bore
889703	Adaptor Collet 3/32"/2.4mm Bore
889704	Adaptor Collet 1/8"/3.2mm Bore

Components

* Denotes Standard Build

Stock Code	Description
1 606090*	Collet Body
2 606194	Gas Lens Collet Body
3 606187	MK11A Gas Lens Cup Adaptor
4 889692	O' Ring Pack
5 609041	Torch Body
6 607756*	Long Back Cap
7 607758	Short Back Cap
8 BC5025	Hose Clamp
9 950	Microswitch Bulbous
10 950-40	Switch and Leads x 4m
950-80	Switch and Leads x 8m
11 RDZ0590	Large Snap-On Boot
12 608811	Handle Black
13 609123	Neoprene Sheath x 4m
609124	Neoprene Sheath x 8m
14 0315071	Insulation Boot
15 1402239	Power Cable Assembly x 4m Vinyl
1402240	Power Cable Assembly x 8m Vinyl
1402239R	Power Cable Assembly x 4m Rubber
1402240R	Power Cable Assembly x 8m Rubber
16 1402232	Water Hose Assembly x 4m Vinyl
1402233	Water Hose Assembly x 8m Vinyl
1402232OB	Water Hose Assembly x 4m Overbraid
1402233OB	Water Hose Assembly x 8m Overbraid
17 1402237	Gas Hose Assembly x 4m Vinyl
1402238	Gas Hose Assembly x 8m Vinyl
1402237OB	Gas Hose Assembly x 4m Overbraid
18 608382	Adaptor 1/4" BSP x 3/8" BSP Female

MK11A

Air Cooled TIG Welding Torch

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7 1/16"-1/8" / 1.6mm to 3.2mm Electrodes



Model

Stock Code	Description
112621	Torch Package x 15ft (4.5m)

Standard Alumina Cup

Stock Code	Description
A 889705	Alumina Cup 1/4"/6mm Bore
889706	Alumina Cup 3/8"/10mm Bore
889707	Alumina Cup 1/4"/6mm Bore
889708*	Alumina Cup 3/8"/10mm Bore

Standard Collet

Stock Code	Description
B 889889	Collet 1/16"/1.6mm Bore
889900*	Collet 3/32"/2.4mm Bore
889901	Collet 1/8"/3.2mm Bore

Components

* Denotes Standard Build

Stock Code	Description
1 BS207	Silicon 'O' Ring
2 112701	Torch Body c/w Adaptor
3 889902*	Collet Holder and Washer
4 0105-27	Back Cap 'O' Ring
5 112698*	Long Back Cap
6 112602	Short Back Cap
7 P9021	Adaptor
8 112609	Handle Black
9 MK2ACL	Power Cable Assembly x 15ft/4.5m c/w Adaptor
NI 889903	Power Adaptor
NI B1537-30	Cable Assembly Cover x 10ft/3m

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To compliment our TIG Range Parweld offer a comprehensive range of Tungsten Electrodes. For the full range please refer to Page 354.
Popular items include:

Use	Type
☒ DC	Thoriated
☒ AC/DC	Pure
☒ AC/DC	Lanthanum 1%

Use	Type
☐ AC	Zirconated
☐ AC/DC	Ceriated
☐ AC/DC	Gold /Lanthan 1.5%

☒ 2% Thoriated Tungstens 150mm

Stock Code	Description
1.0MM 2%	1.0mm x 150mm 2% Thoriated Tungstens
1.2MM 2%	1.2mm x 150mm 2% Thoriated Tungstens
1.6MM 2%	1.6mm x 150mm 2% Thoriated Tungstens
2.0MM 2%	2.0mm x 150mm 2% Thoriated Tungstens
2.4MM 2%	2.4mm x 150mm 2% Thoriated Tungstens
3.2MM 2%	3.2mm x 150mm 2% Thoriated Tungstens
4.0MM 2%	4.0mm x 150mm 2% Thoriated Tungstens
4.8MM 2%	4.8mm x 150mm 2% Thoriated Tungstens
6.4MM 2%	6.4mm x 150mm 2% Thoriated Tungstens

☒ 2% Thoriated Tungstens 175mm

Stock Code	Description
1.0MM 2%/175	1.0mm x 175mm 2% Thoriated Tungstens
1.2MM 2%/175	1.2mm x 175mm 2% Thoriated Tungstens
1.6MM 2%/175	1.6mm x 175mm 2% Thoriated Tungstens
2.0MM 2%/175	2.0mm x 175mm 2% Thoriated Tungstens
2.4MM 2%/175	2.4mm x 175mm 2% Thoriated Tungstens
3.2MM 2%/175	3.2mm x 175mm 2% Thoriated Tungstens
4.0MM 2%/175	4.0mm x 175mm 2% Thoriated Tungstens

☒ Pure Tungstens 150mm

Stock Code	Description
1.6MM P	1.6mm x 150mm Pure Tungstens
2.4MM P	2.4mm x 150mm Pure Tungstens
3.2MM P	3.2mm x 150mm Pure Tungstens

☒ Pure Tungstens 175mm

Stock Code	Description
1.0MM P/175	1.0mm x 175mm Pure Tungstens
1.2MM P/175	1.2mm x 175mm Pure Tungstens
1.6MM P/175	1.6mm x 175mm Pure Tungstens
2.0MM P/175	2.0mm x 175mm Pure Tungstens
2.4MM P/175	2.4mm x 175mm Pure Tungstens
3.2MM P/175	3.2mm x 175mm Pure Tungstens

☒ 1% Lanthanum Tungstens 150mm

Stock Code	Description
1.6MM L	1.6mm x 150mm 1% Lanthanum Tungstens
2.4MM L	2.4mm x 150mm 1% Lanthanum Tungstens

☒ 1% Lanthanum Tungstens 175mm

Stock Code	Description
1.0MM L/175	1.0mm x 175mm 1% Lanthanum Tungstens
1.6MM L/175	1.6mm x 175mm 1% Lanthanum Tungstens
2.4MM L/175	2.4mm x 175mm 1% Lanthanum Tungstens

☐ 0.9% Zirconiated Tungstens 150mm

Stock Code	Description
1.0MM Z	1.0mm x 150mm 0.9% Zirconiated Tungstens
1.6MM Z	1.6mm x 150mm 0.9% Zirconiated Tungstens
2.4MM Z	2.4mm x 150mm 0.9% Zirconiated Tungstens
3.2MM Z	3.2mm x 150mm 0.9% Zirconiated Tungstens
4.0MM Z	4.0mm x 150mm 0.9% Zirconiated Tungstens
4.8MM Z	4.8mm x 150mm 0.9% Zirconiated Tungstens
6.4MM Z	6.4mm x 150mm 0.9% Zirconiated Tungstens

☐ 0.9% Zirconiated Tungstens 175mm

Stock Code	Description
1.0MM Z/175	1.0mm x 175mm 0.9% Zirconiated Tungstens
1.6MM Z/175	1.6mm x 175mm 0.9% Zirconiated Tungstens
2.4MM Z/175	2.4mm x 175mm 0.9% Zirconiated Tungstens
3.2MM Z/175	3.2mm x 175mm 0.9% Zirconiated Tungstens
4.0MM Z/175	4.0mm x 175mm 0.9% Zirconiated Tungstens
4.8MM Z/175	4.8mm x 175mm 0.9% Zirconiated Tungstens

☐ 2% Ceriated Tungstens 150mm

Stock Code	Description
1.2MM C	1.2mm x 150mm 2% Ceriated Tungstens
1.6MM C	1.6mm x 150mm 2% Ceriated Tungstens
2.0MM C	2.0mm x 150mm 2% Ceriated Tungstens
2.4MM C	2.4mm x 150mm 2% Ceriated Tungstens
3.2MM C	3.2mm x 150mm 2% Ceriated Tungstens
4.0MM C	4.0mm x 150mm 2% Ceriated Tungstens
4.8MM C	4.8mm x 150mm 2% Ceriated Tungstens

☐ 2% Ceriated Tungstens 175mm

Stock Code	Description
1.2MM C/175	1.2mm x 175mm 2% Ceriated Tungstens
1.6MM C/175	1.6mm x 175mm 2% Ceriated Tungstens
2.0MM C/175	2.0mm x 175mm 2% Ceriated Tungstens
2.4MM C/175	2.4mm x 175mm 2% Ceriated Tungstens
3.2MM C/175	3.2mm x 175mm 2% Ceriated Tungstens
4.0MM C/175	4.0mm x 175mm 2% Ceriated Tungstens
4.8MM C/175	4.8mm x 175mm 2% Ceriated Tungstens

☐ 1.5% Lanthanum (Gold) Tungstens 150mm

Stock Code	Description
1.6MM G	1.6mm x 150mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G	2.4mm x 150mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G	3.2mm x 150mm 1.5% Lanthanum (Gold) Tungstens

☐ 1.5% Lanthanum (Gold) Tungstens 175mm

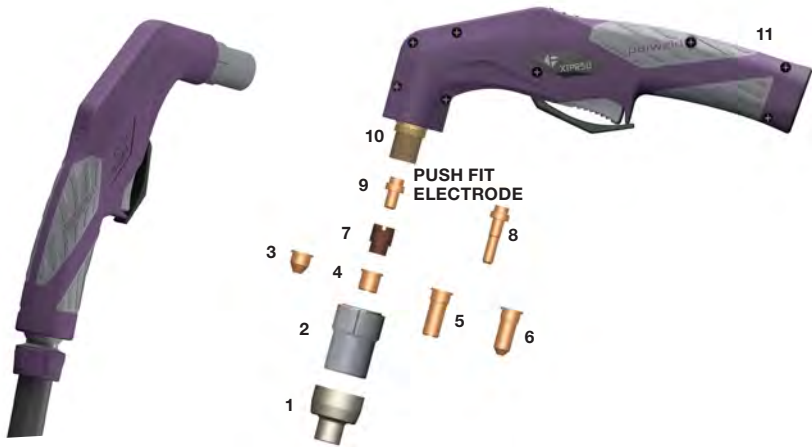
Stock Code	Description
1.6MM G/175	1.6mm x 175mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G/175	2.4mm x 175mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G/175	3.2mm x 175mm 1.5% Lanthanum (Gold) Tungstens

PROF 35HF/50

50A @ 60% Duty Cycle, EN60974-7



PLASMA



Torch Model

Stock Code	Reference	Description	Termination
XTPR50-6-18	C1526	Prof 35/50 Plasma Cutting Torch x 6MT Composite Cable	1/8" BSP
XTPR50-6-CC	C1574	Prof 35/50 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

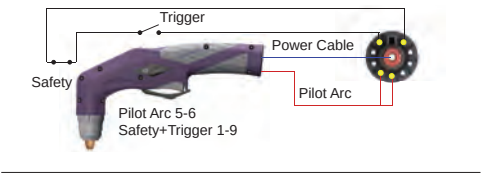
Technical Data

Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	50A
Air Consumption	120 l/min	Start Method	HF Ignition – Pilot Arc

Consumables

Stock Code	Description
1 P5011	Shield Cup for Extended Tips
2 5.710.121	Nozzle Retaining Cap
3 C1305	Cutting Tip 1.0mm-Conical
4 C1304	Cutting Tip 1.0mm-Flat
5 C1370	Extended Tip 1.0mm-Flat
6 C1306	Extended Tip 1.0mm-Conical
7 C1510	Swirl Ring
8 C1518	Extended Electrode Hafnium
9 C1521	Electrode Hafnium
10 PWC1352	Torch Head
11 PWC1356	Handle c/w Switch

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
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PROF 70

70A @ 60% Duty Cycle, EN60974-7

PLASMA



Torch Model

Stock Code	Reference	Description	Termination
XTPR70-6-18	C1564	Prof 70 Plasma Cutting Torch x 6MT Composite Cable	1/8" BSP
XTPR70-6-CC	C1573.20	Prof 70 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

Technical Data

Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	70A
Air Consumption	120 l/min	Start Method	HF Ignition – Pilot Arc

Consumables

Stock Code	Description
1 C1394	Spacer Spring
2 5.710.171	Nozzle Retaining Cap
3 C1395	Extended Cutting Tip 1.0mm-50A
C1395/L	Extended Cutting Tip 1.2mm-70A
4 C1396	Cutting Tip Long Life 1.0mm-50A
C1308	Cutting Tip Long Life 1.2mm-70A
5 C1305	Cutting Tip Long Life 1.0mm-Conical
6 C1510	Swirl Ring
7 C1403	Extended Electrode
8 C1402	Electrode
9 3.065.204	Diffuser
10 PWC1351	Torch Head c/w Diffuser
11 C3160067	O' Ring-Torch Head
12 PWC1356	Handle c/w Switch

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
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CP90/91

90A @ 60% Duty Cycle, EN60974-7



Torch Model

Stock Code	Reference	Description	Termination
XTCP90-6-18	C1215	CP90 Plasma Cutting Torch x 6MT Composite Cable	1/8" BSP
XTCP90-6-CC	C1214	CP90 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTCP90-12-CC	C1214.20	CP90 Plasma Cutting Torch x 12MT Coaxial Cable	Central Connector
XTCP90M-6-CC	C1218	CP90 Machine Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTCP90M-12-CC	C1218.20	CP90 Machine Plasma Cutting Torch x 12MT Coaxial Cable	Central Connector

Technical Data

Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	90A
Air Consumption	160 l/min	Start Method	HF Ignition – Pilot Arc

Consumables

Stock Code	Description
1 C1945SP	Shield c/w Spacer for Contact Cutting
2 C1901SP	Nozzle Retaining Cap
3 C1847SP	Cutting Tip 1.0mm-20-50A
C1848SP	Cutting Tip 1.2mm-50-70A
C1849SP	Cutting Tip 1.3mm-70-90A
4 C1510	Swirl Ring
5 C1368	Electrode Hafnium
6 C0109042	Diffuser
7 C3160067	O' Ring-Torch Head
8 PWC1358	Torch Head c/w Diffuser
9 PWC1519	Handle c/w Switch
10 C3055623	Handle Machine Torch
11 C1348	Torch Head-Machine

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
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PROF 90/120/150/160

150A @ 60% Duty Cycle, EN609074-7



Torch Model

Stock Code	Reference	Description	Termination
XTPR90-6-18	C1571	Prof 90 Plasma Cutting Torch x 6MT Composite Cable	1/8" BSP
XTPR90-6-CC	C1576	Prof 90 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

Technical Data

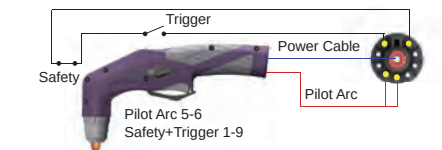
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	150A
Air Consumption	220 l/min	Start Method	HF Ignition – Pilot Arc

Consumables

Stock Code	Description
1 C1406	Gouging Spacer
2 C1386	Stand Off Spring
3 C1408	Double Pointed Spacer
4 C1409	Crown Spacer
5 C1389	Nozzle Retaining Cap
6 C1371	Cutting Tip 1.1mm-20-50A
C1372	Cutting Tip 1.3mm-40-90A
C1373	Cutting Tip 1.6mm-80-120A
C1374	Cutting Tip 1.8mm-110-150A
C1375	Gouging Tip 3.0mm
7 C1377	Swirl Ring Vespel
8 C1376	Electrode Hafnium
9 C1378	Diffuser
10 C1398	O' Ring-Torch Head
11 PWC1353	Torch Head c/w C1378 Diffuser
12 PWC910	Handle c/w Switch
13 C3055623	Handle-Machine Torch
14 C1354	Torch Head-Machine

Stock Code	Description
15 C1369	Long Cutting Tip
16 C1517	Long Electrode Hafnium
17 C1018	Long Diffuser for C1517
18 C1390	Flat Cutting Tip 1.3mm-40-90A
C1391	Flat Cutting Tip 1.6mm-80-120A
C1392	Flat Cutting Tip 1.8mm-110-150A

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
PLEASE REFER TO PAGE 223

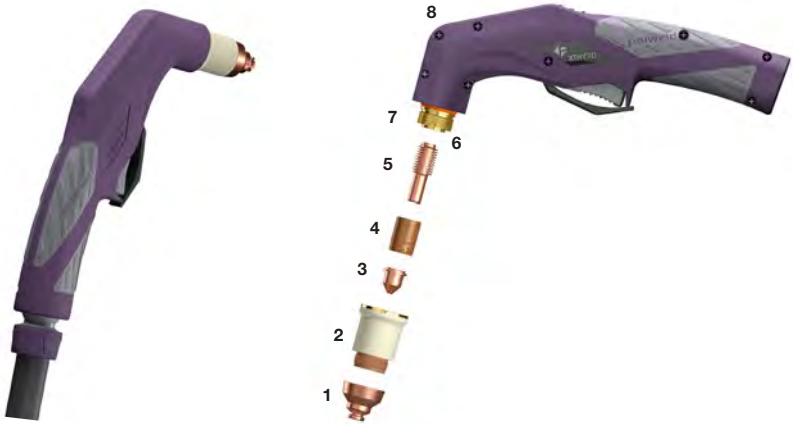
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HYP 45

70A @ 50% Duty Cycle, EN60974-7



PLASMA

Torch Model

Stock Code	Description	Termination
XTHY45-6C-CC	HYP45 Plasma Cutting Torch x 6mt Coaxial Cable	Central Connector

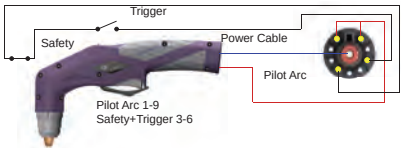
Technical Data

Voltage Class	M	Duty Cycle 50%	70A
Standard Length	6m	Start Method	Pneumatic Ignition
Air Consumption	185 l/min		
Air Pressure	5.0-5.5 Bar		

Consumables

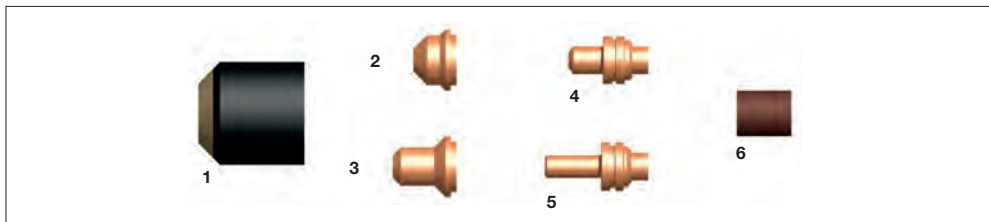
Stock Code	Description
1 220674	Hand Cutting Shield
2 P220713	Retaining Cap
3 220671	Cutting Tip 20-50A
4 220670	Swirl Ring
5 220669	Electrode
6 P228346	Torch Head
7 058503	O Ring
PWHY4011	Handle c/w Switch

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
PLEASE REFER TO PAGE 223

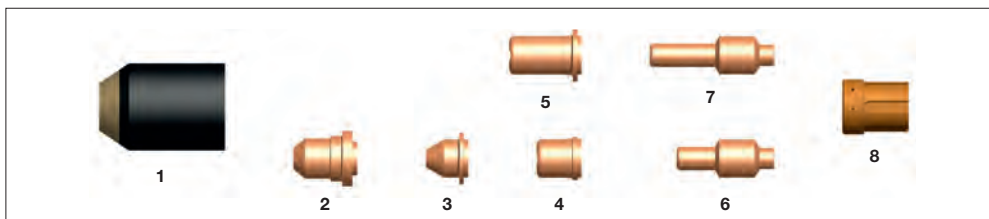
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Max 20 (PAC110 Torch)

Stock Code	Description
1 020218	Retaining Cap
2 020219	Cutting Tip
020299	Cutting Tip
3 020381	Long Cutting Tip-20A

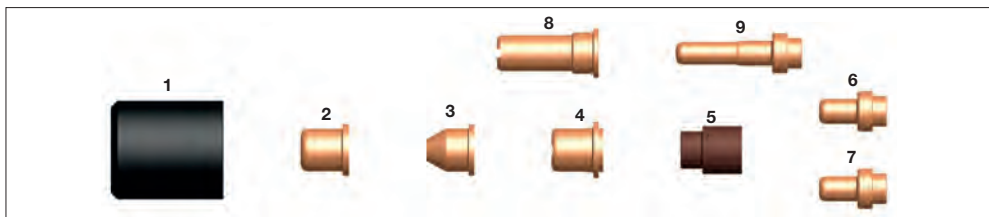
Stock Code	Description
4 020220	Electrode Hafnium
5 020382	Long Electrode Hafnium
6 020239	Swirl Ring



Max 40CS/ Max 42/ Max 43 (PAC121TS/ PAC125T Torch)

Stock Code	Description
1 020930	Retaining Cap
2 020539	Gouging Tip
3 020542	Pipe Tip
4 020350	Cutting Tip 1.0mm

Stock Code	Description
5 020546	Extended Tip 1.0mm
6 120573	Electrode Hafnium
7 120574	Long Electrode Hafnium
8 020361	Swirl Ring



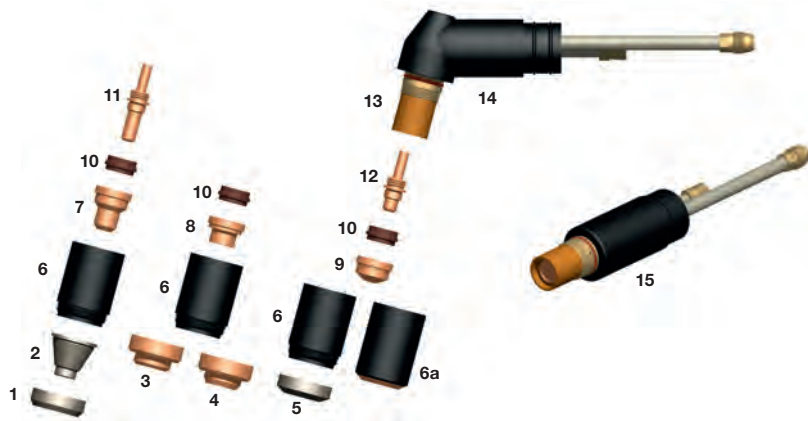
Max 40/ HT40 (PAC140 Torch)

Stock Code	Description
1 020104	Nozzle Refraining Cap
2 020102	Flat Machine Torch Cutting Tip
3 020131	Cutting Tip Pipe
4 020115	Cutting Tip Flat
5 020101	Swirl Ring

Stock Code	Description
6 020103	Electrode Hafnium Air
7 020167	Electrode Nitrogen
8 020466	Cutting Tip Long
9 020467	Long Electrode Hafnium

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Max 70/ Max 80/ Max 100 (PAC 130 Torch)

Stock Code	Description
1 H8003	Locking Nut
2 H8002	Spacer Contact Cutting-Extended Tip
3 020334	Shield Cup-Machine Torch
4 020335	Spacer Contact Cutting-Hand Torch
5 020333	Deflector
6 020336	Contact Nozzle Retaining Cap
6a 020184	Extended Tip Retaining Cap
7 H8001	Extended Cutting Tip 1.0mm-40A
020563	Extended Cutting Tip 1.4mm-70-80A
8 020396	Contact Cutting Tip 1.0mm-40A
020397	Contact Cutting Tip 1.3mm-70-80A

Stock Code	Description
9 020203	Cutting Tip 1.0mm-40A
020345	Cutting Tip 1.3mm-70-80A
020195	Cutting Tip 1.5mm-100A
10 020194	Swirl Ring
11 020564	Extended Electrode
12 120433	Electrode Air-Long Life
13 P1501	Front Insulator
14 020189	Torch Head-Hand
15 020201	Torch Head-Machine



Powermax 350/ Powermax 380 (PAC 110/PAC 110T Torch)

Stock Code	Description
1 220016	Nozzle Retaining Cap
2 120504	Extended Tip 0.8mm-25A

Stock Code	Description
3 020382	Extended Electrode
4 220013	Swirl Ring

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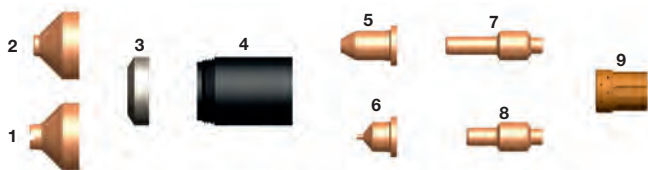
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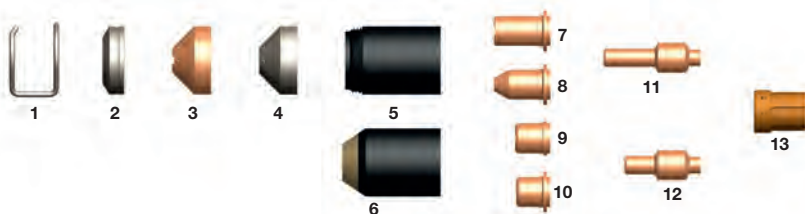
Max 100D (PAC160 Torch)

Stock Code	Description	Stock Code	Description
1 020705	Cutting Tip 100A	3 120433	Electrode Air
2 020706	Swirl Ring	020193	Electrode Nitrogen



Powermax 600 (PAC123T Torch)

Stock Code	Description	Stock Code	Description
1 120828	Shield – Hand Torch – Use with 120600	6 120826	Tip – 40A
2 120827	Shield – Machine Torch – Use with 120600	7 120574	Extended Electrode
3 120303	Deflector – Use with 120600	8 120573	Electrode
4 120600	Retaining Cap	9 120576	Swirl Ring
5 120606	Extended Tip – 35 Amp		



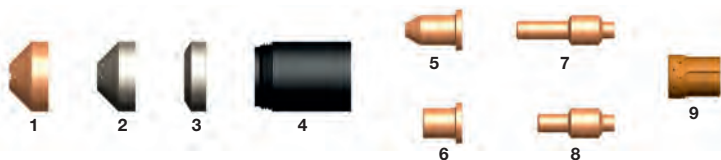
Powermax 800 (PAC 121TS/ 125T Torch)

Stock Code	Description	Stock Code	Description
1 PM802	Spacer Spring	8 120305	Tip Pipe Saddle
2 PM801	Spring Holder Protection Nut (Use with 120301)	9 020395	Tip 1.1mm
3 120283	Shield-Hand Torch (Use with 120301)	10 120438	Tip-40A
4 120326	Shield-Machine Torch	120282	Tip-50A
5 120301	Retaining Cap	11 120574	Long Electrode Hafnium
6 020930	Nozzle Retaining Cap	12 120573	Electrode
7 120304	Extended Tip	13 020361	Swirl Ring

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Powermax 900 (PAC 125T Torch)

Stock Code	Description	Stock Code	Description
1	120303 Deflector (Use with 120600 and Extended Tip)	6	120577 Shielded Cutting Tip-55A
2	120602 Shield-Machine Torch (Use with 120600)	7	120574 Long Electrode Hafnium
3	120601 Shield-Hand Torch (Use with 120600)	8	120573 Electrode
4	120600 Retaining Cap	9	120576 Swirl Ring
5	120606 Extended Cutting Tip-35A		
	120578 Extended Pipe Saddle Tip-55A		



Powermax 1000/ Powermax 12500 (T60/ T80 Torch)

Stock Code	Description	Stock Code	Description
1	120930 Shield-Machine Torch	5	120926 Electrode
2	120929 Shield-Hand Torch-40-80A	6	120925 Swirl Ring 40-80A
3	120928 Retaining Cap-40-80A		
4	120932 Cutting Tip-40A		
	120931 Cutting Tip-60A		
	120927 Cutting Tip-80A		



Powermax 1650 (T100 Torch)

Stock Code	Description	Stock Code	Description
1	220047 Shield-Machine Torch	4	220011 Cutting Tip -100A
2	220065 Shield-Hand Torch-100A	5	220037 Electrode-100A
3	220048 Retaining Cap-100A	6	220051 Swirl Ring-100A

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Max 200/HT2000

Stock Code	Description
1 020448	Shield Cap-Air, N ₂ , Ar/H-100A
020424	Shield Cap -Air, N ₂ , Ar/H, O ₂ -200A
2 020423	Retaining Cap
3 020608	Nozzle Air, N ₂ , Ar/H 2.2mm-200A
020605	Nozzle O ₂ 2.1mm-200A
020690	Nozzle O ₂ 1.4mm-100A (HT2000)
020616	Nozzle Gouging Air-200A

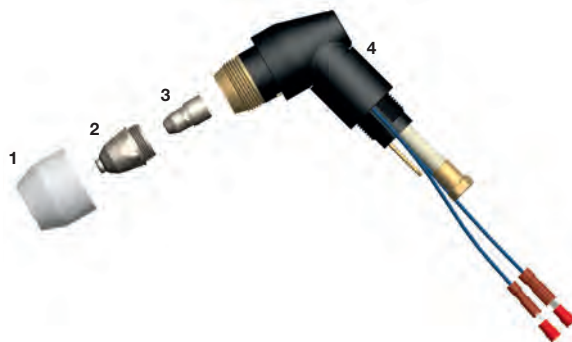
Stock Code	Description
4 020615	Nozzle O ₂ 1.4mm-100A
020611	Nozzle Air, N ₂ , Ar/H 1.5mm-100A
5 020689	Nozzle Air 1.0mm-40A
6 120547	Electrode O ₂ , Air-200A
120667	Electrode O ₂ , Air-100A
020415	Electrode Ar/H-200A



HT2000

Stock Code	Description
1 220239	Shield Cap O ₂ -200A
2 220238	Retaining Cap O ₂ -200A

Stock Code	Description
3 220237	Nozzle O ₂ -200A
4 220235	Electrode O ₂ -200A



Panasonic® (TKU08103)

Stock Code	Description
1 TGN02004	Shield Cup
2 TET1130	Cutting Tip 1.3mm
TET01512	Cutting Tip 1.5mm

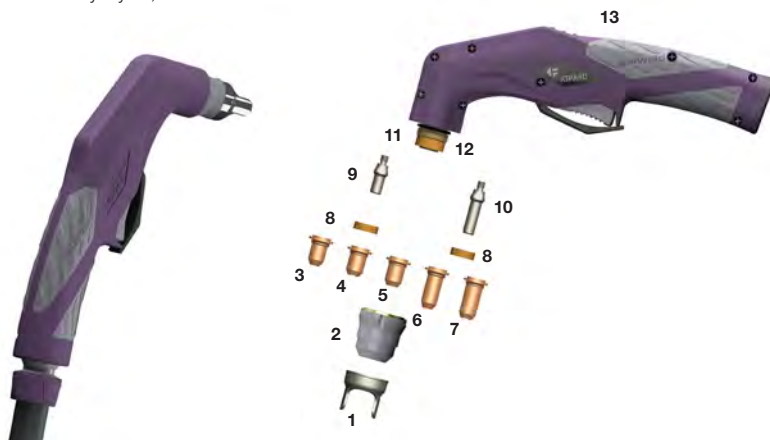
Stock Code	Description
3 TET02033	Electrode Hafnium
4 TKU08103	Torch Head Hand

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Parweld XT4000

60A @ 80% Duty Cycle, EN60974-7



Torch Model

Stock Code	Reference	Description	Termination
XTP40-6-CC	XT4000	Parweld 60A Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTP40-6-SP	XT4000	Parweld 60A Plasma Cutting Torch x 6MT Composite Cable	Separates

Technical Data

Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	60A
Air Consumption	110 l/min	Start Method	Pneumatic Ignition

Consumables

Stock Code	Description
1 XT4008	Double Pointed Spacer
2 XT4007	Retaining Cap
3 XT4005-08	Cutting Tip 0.8mm-20-30A
4 XT4005-09	Cutting Tip 0.9mm-30-40A
5 XT4005-10F	Flat Cutting Tip 1.0mm 40-50A
XT4005-11F	Flat Cutting Tip 1.1mm 50-60A
6 XT4005-08L	Extended Cutting Tip 0.8mm 20-30A
7 XT4005-09L	Extended Cutting Tip 0.9mm 30-40A
8 XT4006	Gas Distributor
9 XT4003	Electrode
10 XT4003L	Extended Electrode
11 XT4010	O' Ring
12 XT4001	Torch Head
13 PWXT4011	Handle c/w Trigger

Pin Configuration



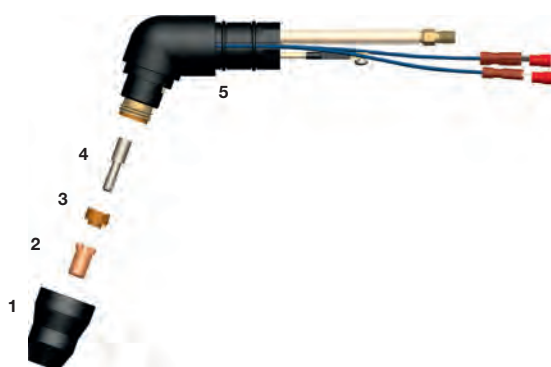
FOR ALTERNATIVE PIN CONFIGURATIONS
PLEASE REFER TO PAGE 223

For information on Plasma
Inverter Machines
please refer to
Page 248



Parweld XT3000

30A @ 60% Duty Cycle, EN60974-7



Torch Model

Stock Code	Reference	Description	Termination
	XT3000	Plasma Torch x 4m Direct Fit	

Technical Data

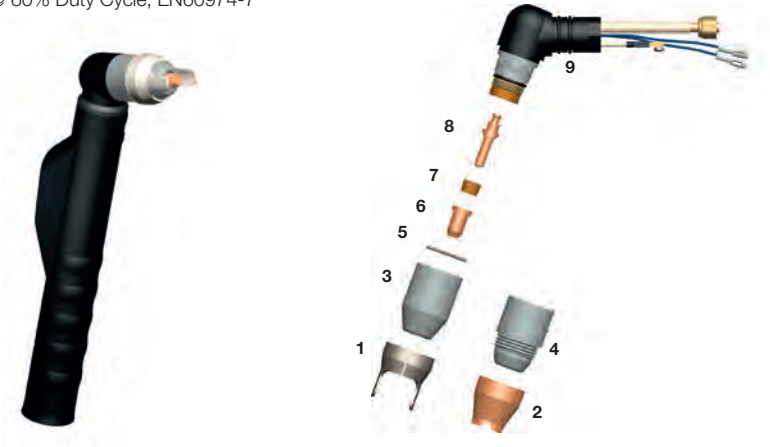
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	30A
Air Consumption	120 l/min	Start Method	HF Ignition – Pilot Arc

Consumables

Stock Code	Description
1 XT3007	Standard Shield Cup
2 XT3005-10	Cutting Tip 15-30A
3 XT3004	Swirl Ring
4 XT3003	Electrode
5 XT3001	Torch Head

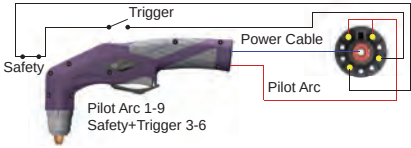
Parweld XT6000

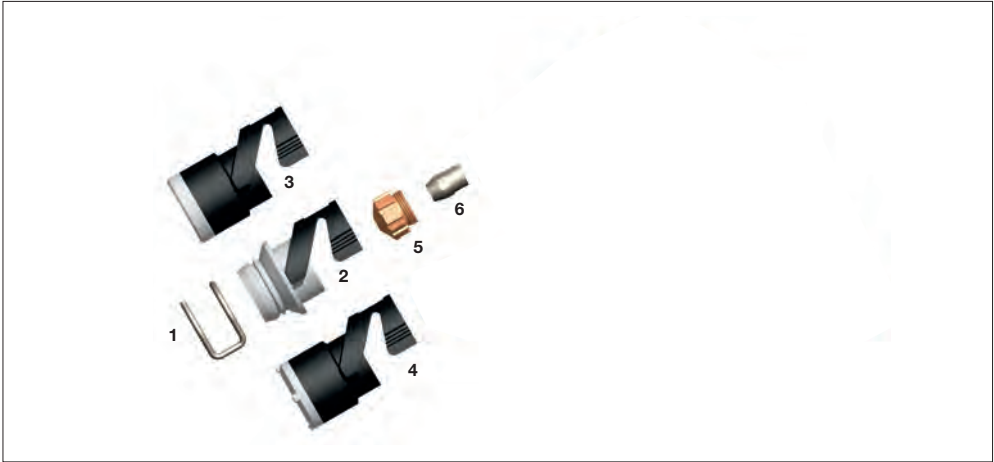
60A @ 60% Duty Cycle, EN60974-7



Torch Model			
Stock Code	Reference	Description	Termination
	XT6000	Plasma Torch Package x 6m c/w Central Connector	

Technical Data			
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	60A
Air Consumption	125 l/min	Start Method	HF Ignition – Pilot Arc

Consumables		Pin Configuration	
Stock Code	Description		
1 XT6008	Pointed Standoff Spacer	FOR ALTERNATIVE PIN CONFIGURATIONS PLEASE REFER TO PAGE 223	
2 XT6010	Castle Heat Shield		
3 XT6007	Standard Shield Cup c/w XT6006		
4 XT6009	Shield Cup Body for Castle Heat Shield		
5 XT6006	Coiled Contact Spring		
6 XT6005-10	Cutting Tip 30-40A		
XT6005-12	Cutting Tip 40-50A		
XT6005-13	Cutting Tip 50-60A		
XT6005-19	Gouging Tip		
7 XT6004	Swirl Ring		
8 XT6003	Electrode		
9 XT6002	O' Ring		
10 XT6001	Torch Head		



SAF® (CP40R)

Stock Code	Description	Stock Code	Description
1	0408-2053 Guide Spring	6	0408-2051 Air Electrode Zirconium
2	0408-2267 T N Plastic Guide Assembly		0408-2404 Air Electrode
3	0408-2268 T I Ceramic Guide Assembly		
4	0408-2405 Ceramic Assembly c/w Boss		
5	0408-2261 Cutting Tip 1.0mm-20-40A		
	0408-2262 Cutting Tip 1.2mm-40-60A		
	0408-2385 Cutting Tip 1.6mm Heavy Duty		

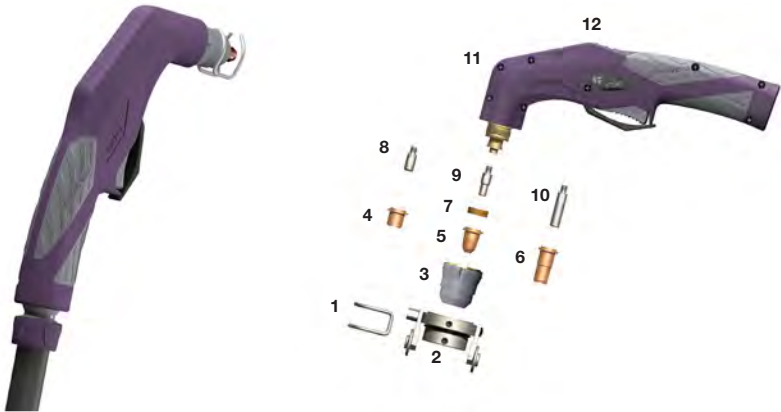
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S45

40A @ 60% Duty Cycle, EN60974-7



PLASMA



Torch Model

Stock Code	Reference	Description	Termination
XTS45-6-14	PA0165	S45 Plasma Cutting Torch x 6MT Composite Cable	1/4" BSP
XTS45-6-CC	PA0166	S45 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTS45-6-SP	PA0167	S45 Plasma Cutting Torch x 6MT Composite Cable	Separates

Technical Data

Voltage Class	M	Duty Cycle 60%	40A
Standard Length	4 and 6m	Air Pressure Switch	3.5 Bar
Air Consumption	125 l/min	Start Method	Pneumatic Ignition
Air Pressure	5 Bar		

Consumables

Stock Code	Description
1 CV10	Stand Off Guide
2 CV24	Carriage
3 PC116	Outside Nozzle
4 PD102-10	Cutting Tip
5 PD116-06	Long Cutting Tip 0.65mm
PD116-08	Long Cutting Tip 0.80mm
PD116-09	Long Cutting Tip 0.90mm
6 PD103-09	Extra Long Cutting Tip 0.90mm
PD103-65	Extra Long Cutting Tip 0.65mm
7 PE106	Air Diffuser
8 PE105	Electrode
9 PR110	Long Electrode
10 PR106	Extra Long Electrode
11 PWPF125	Torch Head c/w PR110 Electrode
12 PWTP80	Handle with Trigger

Pin Configuration



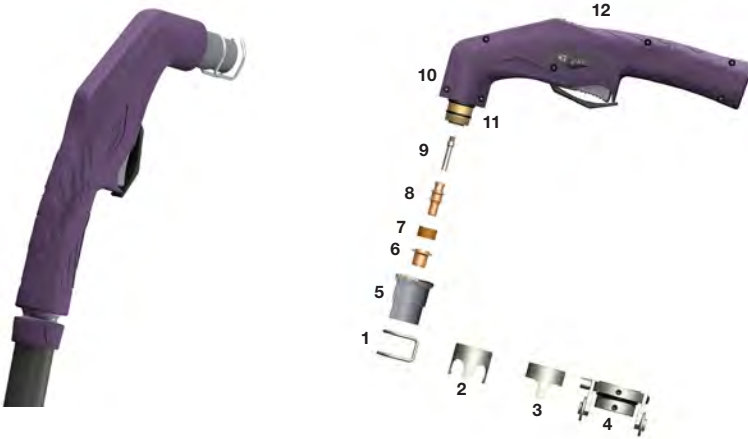
FOR ALTERNATIVE PIN CONFIGURATIONS
PLEASE REFER TO PAGE 223

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A81

80A @ 60% Duty Cycle, EN60974-7

PLASMA



Torch Model

Stock Code	Reference	Description	Termination
XTA81-6-38	PA1400	A81 Plasma Cutting Torch x 6MT Composite Cable	3/8" BSP
XTA81-6-CC	PA1402	A81 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

Technical Data

Voltage Class	M	Duty Cycle 60%	80A
Standard Length	6m	Duty Cycle 100%	60A
Air Consumption	155 l/min	Start Method	HF Ignition – Pilot Arc
Air Pressure	5 Bar		

Consumables

Stock Code	Description
1 CV28	Stand Off Guide
2 CV33	Four Pins Crown Shield
3 CV26	Two Pins Stand Off Guide
4 CV51	Carriage
5 PC115	Outside Nozzle
6 PD105-10	Cutting Tip 1.0mm
PD105-11	Cutting Tip 1.1mm
PD105-12	Cutting Tip 1.2mm
7 PE107	Air Diffuser
8 PR109	Long Life Electrode
9 FH560	Diffuser
10 PWPF140	Torch Head c/w FH560 Diffuser
11 EA125	O' Ring
12 PWTP110	Handle with Trigger

Pin Configuration



FOR ALTERNATIVE PIN CONFIGURATIONS
PLEASE REFER TO PAGE 223

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A101

100A @ 60% Duty Cycle, EN60974-7



PLASMA

Torch Model

Stock Code	Reference	Description	Termination
XTA101-6-M4	PA1450	A101 Plasma Cutting Torch x 6MT Composite Cable	M14
XTA101-6-CC	PA1452	A101 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTA101-6-14	PA1454	A101 Plasma Cutting Torch x 6MT Composite Cable	1/4" BSP

Technical Data

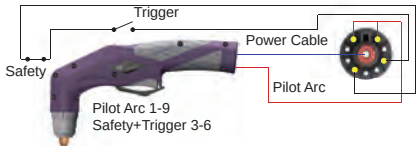
Voltage Class	M	Duty Cycle 60%	100A
Standard Length	6m	Duty Cycle 100%	75A
Air Consumption	180 l/min	Start Method	HF Ignition – Pilot Arc
Air Pressure	5 Bar		

Consumables

Stock Code	Description
1 CV09	Long Contact Cutting Attachment
2 CV08	Contact Cutting Attachment
3 CV23	Contact Cutting Attachment
4 CV11	Stand Off Guide
5 CV12	Two Pins Crown Shield
6 CV14	Four Pins Crown Shield
7 CV21	Carriage
8 PC113	Contact Cutting Nozzle
PC130	Contact Cutting Nozzle Long Life
9 PC109	Outside Nozzle
PC111	Heavy Duty Nozzle
10 PD117-14	Long Cutting Tip 1.4mm
PD117-17	Long Cutting Tip 1.7mm
PD117-19	Long Cutting Tip 1.9mm
11 PD111	Long Cutting Tip 1.0mm
12 PD101-11	Cutting Tip 1.1mm
PD101-14	Cutting Tip 1.4mm
PD101-17	Cutting Tip 1.7mm

Stock Code	Description
13 PE103	Air Diffuser
14 PE101	Air Diffuser
15 PR116	Long Electrode
16 PR101	Electrode
17 FH562	Diffuser
18 PWPF145	Torch Head c/w FH562 Diffuser
19 EA131	O' Ring
20 PWTP110	Handle with Trigger
21 FH297	Insulator Washer

Pin Configuration



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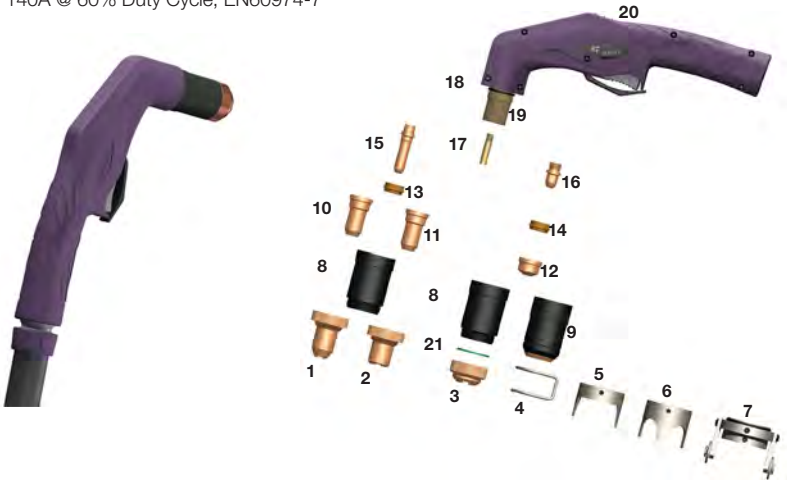
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A141

140A @ 60% Duty Cycle, EN60974-7

PLASMA



Torch Model

Stock Code	Reference	Description	Termination
XTA141-6-M4	PA1500	A141 Plasma Cutting Torch x 6MT Composite Cable	M14
XTA141-12-M4	PA1501	A141 Plasma Cutting Torch x 12MT Composite Cable	M14
XTA141-6-14	PA1502	A141 Plasma Cutting Torch x 6MT Composite Cable	1/4" BSP
XTA141-6-CC	PA1504	A141 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTA141M-6-CC	PA1505	A141 Machine Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

Technical Data

Voltage Class	M	Duty Cycle 60%	140A
Standard Length	6m	Duty Cycle 100%	100A
Air Consumption	210 l/min	Start Method	HF Ignition – Pilot Arc
Air Pressure	5 Bar		

Consumables

Stock Code	Description	Stock Code	Description
1 CV09	Long Contact Cutting Attachment	12 PD101-19	Cutting Tip 1.9mm
2 CV08	Contact Cutting Attachment	PD101-30	Cutting Tip 3.0mm
3 CV23	Contact Cutting Attachment	13 PE103	Air Diffuser-Long Cutting Tip
4 CV11	Stand Off Guide	14 PE101	Air Diffuser
5 CV12	Two Pins Crown Shield	15 PR116	Long Electrode
6 CV14	Four Pins Crown Shield	16 PR101	Electrode
7 CV21	Carriage	17 FH563	Diffuser
8 PC103	Contact Cutting Nozzle	18 EA131	O' Ring
PC131	Contact Cutting Nozzle Long Life	19 PWP155	Torch Head c/w FH563 Diffuser
9 PC101	Outside Nozzle	20 PWTP110	Handle with Trigger
PC102	Heavy Duty Nozzle	21 FH297	Insulator Washer
10 PD117-14	Long Cutting Tip 1.4mm		
PD117-17	Long Cutting Tip 1.7mm		
PD117-19	Long Cutting Tip 1.9mm		
11 PD111	Long Cutting Tip 1.0mm		
12 PD101-14	Cutting Tip 1.4mm		
PD101-17	Cutting Tip 1.7mm		

Pin Configuration



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A151

150A @ 60% Duty Cycle, EN60974-7



Torch Model

Stock Code	Reference	Description	Termination
XTA151-6-M4	PA1550	A151 Plasma Cutting Torch x 6MT Composite Cable	M14
XTA151-12-M4	PA1551	A151 Plasma Cutting Torch x 12MT Composite Cable	M14
XTA151-6-14	PA1552	A151 Plasma Cutting Torch x 6MT Composite Cable	1/4" BSP
XTA151-6-CC	PA1554	A151 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector
XTA151M-6-CC	PA1555	A151 Machine Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

Technical Data

Voltage Class	M	Duty Cycle 60%	150A
Standard Length	6m	Duty Cycle 100%	120A
Air Consumption	230 l/min	Start Method	HF Ignition – Pilot Arc
Air Pressure	5 Bar		

Consumables

Stock Code	Description
1 CV09	Long Contact Cutting Attachment
2 CV08	Contact Cutting Tip Attachment
3 CV1106	Stand Off Guide with Tip
4 CV1105	Contact Cutting Attachment
5 CV11	Stand Off Guide
6 CV12	Two Pins Crown Shield
7 CV14	Four Pins Crown Shield
8 CV21	Carriage
9 CV1107	Stand Off Guard Holder
10 PC131	Contact Cutting Nozzle Long Life
11 BW146	Nozzle Shield and Stand Off Guard
12 BW139	Nozzle Shield
13 PC120	Outside Nozzle
14 PD117-14	Long Cutting Tip 1.4mm
PD117-17	Long Cutting Tip 1.7mm
PD117-19	Long Cutting Tip 1.9mm
15 PD111	Long Contact Cutting Tip 1.0mm

Stock Code	Description
16 PD109-14	Cutting Tip 1.4mm
PD109-16	Cutting Tip 1.6mm
PD109-18	Cutting Tip 1.8mm
PD109-30	Cutting Tip 3.0mm
17 PE103	Air Diffuser
18 PR116	Long Electrode
19 PR111	Electrode
20 FH563	Diffuser
21 EA131	O' Ring
22 PWPFF160	Torch Head c/w HF563 Diffuser
23 PWTP110	Handle with Trigger

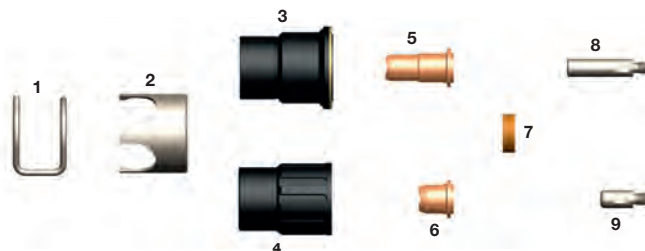
Pin Configuration



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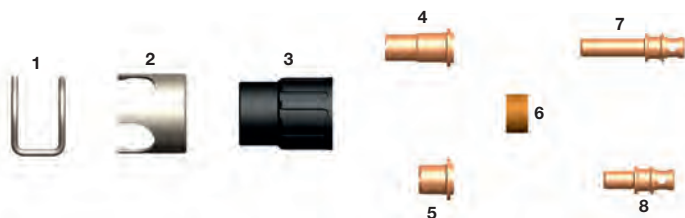
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Trafimet® A53 & S54

Stock Code	Description
1 CV28	Spacer Spring
2 CV33	Crown Spacer
3 PC115	Nozzle Retaining Cap-S54
4 PC105	Nozzle Retaining Cap-A53
5 PD103-09	Extended Cutting Tip 0.9mm
PD103-10	Extended Cutting Tip 1.0mm

Stock Code	Description
6 PD102-10	Cutting Tip 1.0mm
7 PE106	Swirl Ring
8 PER106	Extra Long Electrode
9 PR105	Standard Electrode



Trafimet® A60

Stock Code	Description
1 CV28	Spacer Spring
2 CV33	Crown Spacer
3 PC105	Nozzle Retaining Cap-A53
4 PD106-09	Extended Cutting Tip 0.9mm
PD106-12	Extended Cutting Tip 1.2mm
5 PD105	Cutting Tip 1.0mm
PD105-10	Cutting Tip 1.0mm
PD105-11	Cutting Tip 1.1mm
PD105-12	Cutting Tip 1.2mm

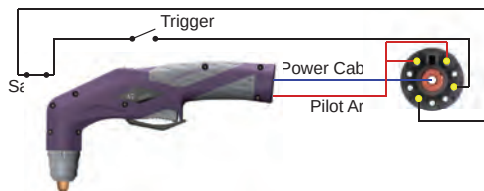
Stock Code	Description
6 PE107	Swirl Ring
7 PR108	Extended Electrode
8 PR109	Electrode

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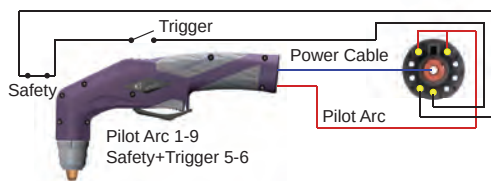
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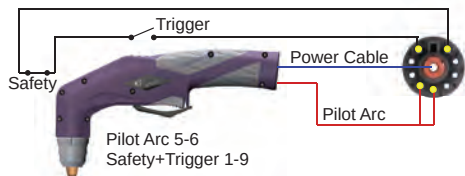
Option 1



Option 2



Option 3



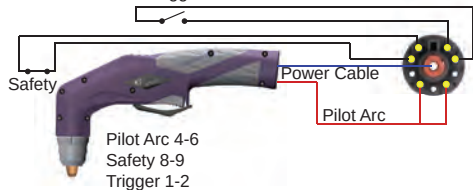
Option 4



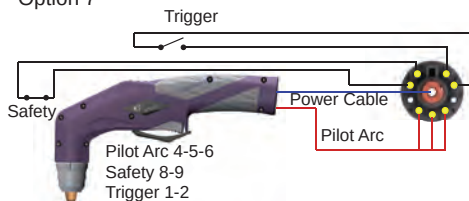
Option 5



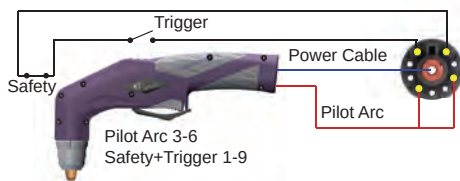
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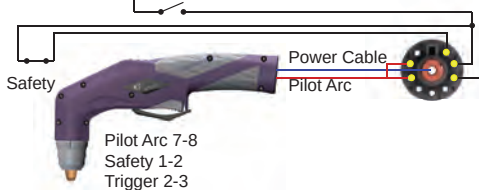
Option 7



Option 8



Option 9



Option 10



Option 11



Option 12



Choose your Perfect MMA Inverter Welding Machine:

- Ranging from 140-400 Amps
- Parweld offers a range of lightweight MMA inverter machines ideal from everyday maintenance to heavy welding applications


NEW

NEW

NEW

Model	XTS 142	XTS 162	XTS 162DV
Output Current	20-140A	20-160A	20-160A on 230V 20-150A on 110V
Input Voltage	230V 1P	230V 1P	110/230V 1P
Input Current (Max)	25A	30A	30A@ 110V 23A @ 230V
Maximum Electrode Size	3.2mm	3.2mm	3.2mm
Hot Start Function	✗	✓	✓
Arc Force Function	✗	✓	✓
Basic / Rutile Function	✓	✓	✓
Cellulistic Function	✗	✓	✓
Lift Tig Function	✓	✓	✓
No Load Voltage	60V	78V	78V
Cable Connection	10-25 Dix	35-50 Dix	35-50 Dix
Duty Cycle	140A @ 20%	160A@ 20%	160A@ 20%
Fuse Rating	16A	16A	32A@ 110V 16A @ 230V
KVA	3	5.4	5.4
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	290 x 185 x 220	350 x 160 x 246	350 x 160 x 246
Weight (kg)	4.5	8.5	8.5

Choose your Perfect MMA Inverter Welding Machine:

- Ranging from 140-400 Amps
- Parweld offers a range of lightweight MMA inverter machines ideal from everyday maintenance to heavy welding applications



Model	XTS 202 MMA	XTS 203 MMA	XTS 403 MMA
Output Current	20-200A	10-250A	20-400A
Input Voltage	230V 1P	400V 3P	400V 3P
Input Current (Max)	38A	16A	27A
Maximum Electrode Size	4.0mm	4.0mm	5.0mm
Hot Start Function	✓	Adjustable	Adjustable
Arc Force Function	✓	Adjustable	Adjustable
Basic / Rutile Function	✓	✓	✓
Cellulistic Function	✓	✓	✓
Lift Tig Function	✓	✓	✓
No Load Voltage	72V	88V	50V (VRD)
Cable Connection	35-50 Dix	35-50 Dix	35-50 Dix
Duty Cycle	200A @ 20%	200A @ 60%	400A @ 60%
Fuse Rating	36A	16A	20A
KVA	9.2	11	16
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	350 x 160 x 246	490 x 250 x 400	530 x 250 x 400
Weight (kg)	8.5	18.5	20.5

Choose your Perfect TIG inverter Welding Machine:

- Ranging from 180-500 Amps
- Parweld offers a range of TIG inverter machines that are ideal for all production applications



Model	XTT 182DV	XTT 200P	XTT 202P AC/DC
Output Current	10-180A	10-200A	5-200 DC 10-200 AC
Input Voltage	110-230V 1P	230V 1P	230V 1P
Input Current Max	16-32A	18A	18A
Duty Cycle	180A @ 60%	200A @ 30%	200A @ 25%
Up Slope Function	Fixed	0-5s	0-10s
Down Slope Function	0-10s	0-5s	0-10s
Pre-flow Function	Fixed	0-1s	0-10s
Post Flow Function	0-10S	3-10s	0-10s
DC Function	✓	✓	✓
AC (Aluminium) Function	✗	✗	✓
Pulse Rating	✗	0.5-100Hz	250Hz
AC Frequency	-	-	50-250Hz
MMA Function	✓	✓	✓
Lift Tig Function	✓	✓	✓
Water Cooler Ready	✗	✗	✗
Fuse Rating	32/16	16	16
KVA	3.6	3.6	3.6
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	440 x 130 x 240	376 x 136 x 240	484 x 380 x 320
Weight (kg)	7.8	8	25

Choose your Perfect TIG Inverter Welding Machine:

- Ranging from 180-500 Amps
- Parweld offers a range of TIG inverter machines that are ideal for all production applications



Model	XTT 353P AC/DC	XTT 503 AC/DC
Output Current	5-350 DC 10-350 AC	10-500 DC 15-500 AC
Input Voltage	400V 3P	400V 3P
Input Current Max	24A	29A
Duty Cycle	350A @ 50%	500A @ 60%
Up Slope Function	0-10s	0-10s
Down Slop Function	0-10s	0-10s
Pre-flow Function	0-10s	0-10s
Post Flow Function	0-10s	0-10s
DC Function	✓	✓
AC (Aluminum) Function	✓	✓
Pulse Rating	0.5-200Hz	0.5-200Hz
AC Frequency	50-250Hz *	50-250Hz *
MMA Function	✓	✓
Lift Tig Function	✓	✓
Water Cooler Ready	✓	✓
Fuse Rating	16	32
KVA	11	12
Enclosure Protection	IP23S	IP23S
Dimensions (mm)	606 x 315 x 605	735 x 360 x 655
Weight (kg)	38	54

* AC frequency range is restricted at higher amperages

Choose your Perfect Plasma Inverter Machine:

- Ranging from 40-100 Amps
- Parweld offers a small range of plasma inverter machines that are ideal for site and workshop applications
- The XTP 103 includes a CNC automation interface



NEW

NEW

Model	XTP 40	XTP 63	XTP 103
Output Current	10-40A	10-60A	20-100A
Input Voltage	110/230 1P	400V 3P	400V 3P
Input Current (max)	32A/24A	12A	24A
Duty Cycle	40A @ 40%	60A @ 40%	100A @ 100%
Production Cut Capacity	12mm	20mm	30mm
Severance Cut Capacity	20mm	30mm	50mm
Mesh Cutting Option	✓	✓	✓
CNC Interface	✗	✗	✓
Starting Method	Short Circuit	Short Circuit	HF
Fuse Rating	32/16	10A	20A
KVA	3.7	3.2	8
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	430 x 170 x 270	430 x 170 x 270	580 x 310 x 600
Weight (kg)	12.6	13	40.6

Choose your Perfect Synergic MIG Inverter Machine:

- Ranging from 160-500 Amps
- Parweld offers lightweight power saving inverters and conventional transformer models


NEW

NEW
MACHINE

Model	XTM 160I	XTM 182I	XTM 200I
Style	Portable	Compact	Portable
Machine Type	Inverter	Inverter	Inverter
Maximum Current	160A	180A	200A
Wire Feed Speed	2-15 m/min	2-15m/min	2-18m/min
Voltage	13.5-22V	18-26.5V	18-26.5V
Variable Inductance Function	✓	✓	✓
Wire Inching Function	✗	✓	✗
Burn Back Control Function	✓	✓	✓
Gas Test Function	✗	✓	✗
Trigger Latching	✓	✓	✓
Spool Size	200mm	300mm	200mm
Feed Box	2R	4R	2R
Gasless Wire Function	✓	✓	✓
Wire Size (mm)	0.6-0.8	0.6-1.0	0.8-1.0
MMA Function	✗	✓	✗
Synergic Function	✗	✓	✗
Duty Cycle	160A @ 40%	180A @ 20%	200A @ 20%
Input Voltage	230V 1P	230V 1P	230V 1P
Input Current (Max)	18A	32A	45A
Fuse Rating	16A	32A	50A
KVA	3.6	7.36	10.35
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	465 x 214 x 356	1020 x 470 x 930	465 x 214 x 356
Weight (kg)	12	52	12

Choose your Perfect Synergic MIG Inverter Machine:

- Ranging from 160-500 Amps
- Parweld offers lightweight power saving inverters and conventional transformer models

MACHINE



Model	XTM 252I	XTM 254I	XTM 503I
Style	Compact	Compact	Separate
Machine Type	Inverter	Inverter	Inverter
Maximum Current	250A	250A	500A
Wire Feed Speed	2-18m/min	1.3-12.5m/min	1-20m/min
Voltage	18.0-26.5V	16-26.5V	13-50V
Variable Inductance Function	✓	✓	✓
Wire Inching Function	✓	✓	✓
Burn Back Control Function	✓	✓	✓
Gas Test Function	✓	✓	✓
Trigger Latching	✓	✓	✓
Spool Size	300mm	300mm	300mm
Feed Box	4R	4R	4R
Gasless Wire Function	✓	✓	No
Wire Size	0.8-1.2	0.8-1.2	0.8-1.6
MMA Function	✓	✓	✓
Synergic Function	✓	✓	✓
Duty Cycle	250A @ 30%	250A @ 60%	500A @ 60%
Input Voltage	230V 1P	400V 3P	400V 3P
Input Current (Max)	45A	13.5A	41.8A
Fuse Rating	50A	40A	60A
KVA	10.35	8.9	27.5
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	1020 x 470 x 930	907 x 467 x 728	1035 x 430 x 955
Weight (kg)	53	53	67

Choose your Perfect Transformer MIG Machine:

- Ranging from 160-500 Amps
- Parweld offers lightweight power saving inverters and conventional transformer models



Model	XTM 301S	XTM 303C	XTM 403S
Style	Separate	Compact	Separate
Machine Type	Transformer	Transformer	Transformer
Maximum Current	300A	300A	350A
Wire Feed Speed	2-18 m/min	0.8-2.4 m/min	0.8-2.4 m/min
Voltage	16-29	17-29V	13.3-31.5V
Variable Inductance Function	✗	✗	✓
Wire Inching Function	✓	✓	✓
Burn Back Control Function	✓	✓	✓
Gas Test Function	✓	✓	✓
Trigger Latching	✓	✓	✓
Spool Size	300mm	300mm	300mm
Feed Box	4R	4R	4R
Gasless Wire Function	✗	✗	✗
Wire Size	0.8-1.2	0.8-1.6	0.8-1.6
MMA Function	✗	✗	✗
Synergic Function	✗	✗	✗
Duty Cycle	270A @ 30%	300A @ 30%	350A @ 60%
Input Voltage	230V 1P	400V 3P	400V 3P
Input Current (Max)	50A	20A	22A
Fuse Rating	45A	16	16
KVA	10	11	12
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	800 x 420 x 770	762 x 450 x 720	1000 x 600 x 1400
Weight (kg)	110	100	178

Choose your Perfect Automotive MIG Welding Machine:

- Ranging from 140-200 Amps
- Each Parweld Automotive MIG machine is fan cooled and supplied with wheels and a bottle stand ideal for hobby or light automotive use
- 2 Years Warranty



Model	XTE171C	XTE 181C	XTE 201C
Style	Compact	Compact	Compact
Machine Type	Transformer	Transformer	Transformer
Range	35-140A	35-180A	35-200A
Voltage Steps	6	6	6
Spool Size	200	300	300
Gasless Welding Function	✓	✓	✓
Wire Size	0.6-0.8mm	0.6-1.0mm	0.6-1.0mm
Duty Cycle	140A @ 10%	180A @ 20%	200A @ 20%
Input Voltage	230V 1P	230V 1P	230V 1P
Minimum fuse size	20A	20A	32A
Fuse Rating	32A	32A	32A
KVA	6.5	9.8	12
Enclosure Protection	IP23S	IP23S	IP23S
Dimensions (mm)	640 x 320 x 480	845 x 415 x 505	845 x 415 x 505
Weight (kg)	34	55	56

NEW XTS 142 MMA INVERTER

With TIG Function (Single Voltage), complete with Strap



- 230V Input
- Lightweight 4.5kg
- 140A @ 20% Duty Cycle
- Connections 10-25mm Dinse
- Supplied with Electrode Holder, 2m Cable, 2m Earth Lead and Wire Brush
- Over Voltage and Over Current Protection
- Supplied with carry strap
- Built in Electrode Anti Sticking
- Ideal for use with Rutile Electrodes
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS142
XTS142-P1

Description

140A MMA Inverter 230V
MMA Inverter with WP17V Torch Package

Technical Information

Parameter	Value
Output Current	20-140A
Input Voltage	230V 1P
Input Current (Max)	25A
Maximum Electrode Size	3.2mm
No Load Voltage	60V
Cable Connection	10-25 Dix
Duty Cycle	140A @ 20%
Fuse Rating	16A
KVA	3
Enclosure Protection	IP23S
Dimensions (mm)	290 x 185 x 220
Weight (kg)	4.5

Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17-V-12-2I	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

Portable and Lightweight

The XTS 142 is a highly portable entry level MMA welding machine ideal for occasional maintenance applications.

Electrodes up to 2.4mm can be used with ease.

TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 142 can be used for basic scratch start TIG welding and is suitable for welding steel and stainless steel.

Generator Friendly

The XTS 142 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

NEW XTS 162 MMA INVERTER

With Lift TIG Function (Single Voltage)



- 230V Input
- Lightweight 8.5kg
- 160A @ 20% Duty Cycle
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Connections 35-50mm Dinse
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Over Voltage and Over Current Protection
- Digital Amperage Display
- Welding Mode for Rutile and Low Hydrogen Electrodes
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS162	160A MMA Inverter 230V
XTS162-P1	MMA Inverter with WP17V Torch Package

Description

Technical Information

Parameter	Value
Output Current	20-160A
Input Voltage	230V 1P
Input Current (Max)	30A
Maximum Electrode Size	3.2mm
No Load Voltage	78V
Cable Connection	35-50 Dix
Duty Cycle	160A@ 20%
Fuse Rating	16A
KVA	5.4
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17-V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

Multi Mode

The XTS 162 MMA has dedicated welding modes for rutile and cellulosic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 3.2mm can be used with ease.

TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 162 can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

Generator Friendly

The XTS 162 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

NEW XTS 162DV MMA INVERTER

Professional MMA Inverter with Lift Arc TIG



- Dual Voltage 110/230V
- Smart Switching
- Lightweight 8.5kg
- 160A @ 20% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Welding Mode for Rutile and Low Hydrogen Electrodes
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- Over Voltage and Over Current Protection
- Digital Amperage Display
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS162DV
XTS162DV-P1

Description

160A MMA Inverter Dual Voltage
Inverter with WP17V Torch Package

Technical Information

Parameter

Value

Output Current	20-160A on 230V 20-150A on 110V
Input Voltage	110/230V 1P
Input Current (Max)	30A@ 110V
Maximum Electrode Size	3.2mm
No Load Voltage	78V
Cable Connection	35-50 Dix
Duty Cycle	160A@ 20%
Fuse Rating	32A@ 110V 16A @ 230V
KVA	5.4
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

Accessory Information

Stock Code

Description

CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

Multi Mode

The XTS 162DV has dedicated welding modes for rutile and cellulosic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 3.2mm can be used with ease.

TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 162DV can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

Generator Friendly

The XTS 162DV is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

NEW XTS 202 MMA INVERTER

Professional MMA Inverter with Lift Arc Tig



- 230V Input
- Light weight 8.5kg
- 200A @ 20% Duty Cycle
- Welding Mode for Rutile and Low Hydrogen Electrodes
- Basic Rutile Function
- Cellulistic Function
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- Over Voltage and Over Current Protection
- Digital Amperage Display
- 3 Years Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS202MMA
XTS202MMA-P1

Description

200A MMA Inverter 230V
MMA Inverter with WP17V Torch Package

Technical Information

Parameter	Value
Output Current	20-200A
Input Voltage	230V 1P
Input Current (Max)	38A
Maximum Electrode Size	4.0mm
No Load Voltage	72V
Cable Connection	35-50 Dix
Duty Cycle	200A @ 20%
Fuse Rating	36A
KVA	9.2
Enclosure Protection	IP23S
Dimensions (mm)	350 x 160 x 246
Weight (kg)	8.5

Accessory Information

Stock Code	Description
CKE203	Electrode Holder Cable Kit x 3m
CKC203	Earth Cables Clamp Kit x 3m
WP17V-12-2IX	WP17 Scratch Start TIG Torch x 12.5ft
E700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Everyday Light Reactive Welding Helmet
XTICC	Carry Case (Sold separately)

Multi Mode

The XTS 202 has dedicated welding modes for rutile and cellulistic electrodes. The touch button interface is easy to use and ideal for harsh environments.

Electrodes up to 4.0mm can be used with ease.

TIG Welding

By fitting the optional TIG torch and coupling to a suitable gas supply the XTS 202 can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

Generator Friendly

The XTS 202 is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a rugged steel case. A carry case is available as an optional extra.

XTS 203 MMA INVERTER

Professional Level MMA Inverter



- 400V 3 Phase Input
- 200A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- DC Output
- Lift Arc TIG Mode
- 88V OCV with VRD
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS203MMA
XTS203MMA-P1

Description

250A MMA Inverter 400V
Inverter with WP26V Torch Package

Technical Information

Parameter	Value
Output Current	10-250A
Input Voltage	400V 3P
Input Current (Max)	16A
Maximum Electrode Size	6.0mm
No Load Voltage	88V
Cable Connection	35-50 Dix
Duty Cycle	200A @ 60%
Fuse Rating	16A
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	490 x 250 x 400
Weight (kg)	18.5

Accessory Information

Stock Code

CKE403
CKK403
WP26V-12-2IX
E700123
WP26AK
XR935H

Description

Electrode Holder Cable Kit x 3m
Earth Cables Clamp Kit x 3m
WP17 Scratch Start TIG Torch x 12.5ft
Argon Regulator Single Stage 2 Gauge
TIG Spares Kit in Plastic Case
Everyday Light Reactive Welding Helmet

DC Output

The XTS 203 MMA has a DC output and when combined with the correct type of electrode it is suitable for welding alloy, non alloy steels, stainless steel and cast iron.

Electrodes up to 6.0mm can be used with ease.

TIG Welding

By fitting an optional TIG torch and coupling to a suitable gas supply the XTS 203 MMA can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

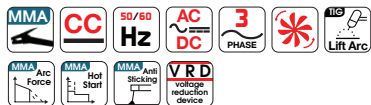
Generator Friendly

The XTS 203 MMA is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a rugged steel case.

NEW XTS 403 MMA INVERTER

Professional Level MMA Inverter



- 400V 3 Phase Input
- 400A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Striking with Arc Force
- Easy Electrode Re-striking with Hot Start
- Supplied with Electrode Holder, 3m Cable, 3m Earth Lead and Wire Brush
- Connections 35-50mm Dinse
- DC Output
- Lift Arc TIG Mode
- 88V OCV with VRD
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTS403MMA
XTS403MMA-P1

Description

400A MMA Inverter 400V
MMA Inverter with WP26V Torch Package

Technical Information

Parameter	Value
Output Current	20-400A
Input Voltage	400V 3P
Input Current (Max)	27A
Maximum Electrode Size	6.0mm
No Load Voltage	50V (VRD)
Cable Connection	35-50 Dix
Duty Cycle	400A @ 60%
Fuse Rating	20A
KVA	16
Enclosure Protection	IP23S
Dimensions (mm)	530 x 250 x 400
Weight (kg)	20.5

Accessory Information

Stock Code

CKE403
CKC403
WP26V-12-2IX
E700123
WP26AK
XR935H

Description

Electrode Holder Cable Kit x 3m
Earth Cables Clamp Kit x 3m
WP17 Scratch Start TIG Torch x 12.5ft
Argon Regulator Single Stage 2 Gauge
TIG Spares Kit in Plastic Case
Everyday Light Reactive Welding Helmet

DC Output

The XTS 403 MMA has a DC output and when combined with the correct type of electrode it is suitable for welding alloy, non alloy steels, stainless steel and cast iron.

Electrodes up to 6.0mm can be used with ease.

TIG Welding

By fitting an optional TIG torch and coupling to a suitable gas supply the XTS 403 MMA can be used for TIG welding and is suitable for welding steel and stainless steel.

The lift arc mode limits the arc current when the tungsten touches the work piece preventing electrode damage.

Generator Friendly

The XTS 403 MMA is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

XTT 182DV TIG INVERTER

Professional Level Dual Voltage DC TIG Inverter



- Dual Voltage 110/230V
- Lightweight 7.8kg
- 180A @ 60% Duty Cycle
- Generator Friendly
- Easy Electrode Re-striking with Hot Start (MMA)
- HF Arc Starting
- Adjustable Post Flow (TIG Mode)
- Supplied with 3m Earth Lead
- Latching Trigger Option (TIG Mode)
- Adjustable Downslope (TIG Mode)
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTT182DV
XTT182DV-P1

Description

180A DC TIG Inverter 110/230V
TIG Inverter and PRO26 TIG Torch Package and Regulator

Technical Information

Parameter	Value
Output Current	10-180A
Input Voltage	110-230V 1P
Input Current Max	16-32A
Duty Cycle	180A @ 60%
Up Slope Function	Fixed
Down Slope Function	0-10s
Pre-flow Function	Fixed
Post Flow Function	0-10S
Fuse Rating	32/16
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	440 x 130 x 240
Weight (kg)	7.8

Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO26-12SIBD19	Pro-Grip Max® TIG 200A Air Cooled Torch 12.5ft
ERCP19	5 Pin XTI Inverter Plug
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
XTI903T	Foot Control
XR935H	Everyday Light Reactive Welding Helmet
XTICL	Large Carry Case (Sold separately)

DC Output

The XTT 182DV has a DC output and is suitable for welding alloy, non alloy steels, stainless steel and titanium.

TIG Mode - Materials up to 6mm can be welded with ease.

MMA Mode - Electrodes up to 4.8mm can be used with ease.

TIG Welding

The XTT 182DV can be used for TIG welding and is suitable for welding steel and stainless steel using the HF start circuit.

The latching trigger function improves operator comfort allowing the trigger to be released during long welds.

Generator Friendly

The XTT 182DV is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a metal case with integrated carry handle and shoulder strap.

A carry case is available as an optional extra.

NEW XTT 200 DC PULSED TIG INVERTER

Professional Level DC Pulsed TIG Inverter with MMA Function



- 230V Input
- 200A @ 30% Duty Cycle
- Variable Pulse Frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Generator Friendly
- Easy Electrode Striking with Arc Force (MMA)
- Easy Electrode Re-striking with Hot Start (MMA)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- Sturdy Metal Case
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTT200DCP
XTT200DCP-P1

Description

200A DC Pulsed Tig Inverter 230V
Pulsed TIG Inverter with PRO26 Torch Package and Regulator

Technical Information

Parameter	Value
Output Current	10-200 DC
Input Voltage	230V 1P
Input Current Max	18
Duty Cycle	200A @ 30%
Up Slope Function	0-5s
Down Slope Function	0-5s
Pre-flow Function	0-1s
Post Flow Function	3-10s
Pulse Frequency	0.5-100Hz
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	376 x 136 x 240
Weight (kg)	8kg

Accessory Information

Stock Code	Description
CKE403	Holder with 3m Lead
CKC403	Earth Cables Clamp Kit x 3m
PRO26-12S1BD19	Pro-Grip Max® TIG 200A Air Cooled Torch 12.5ft
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
ERCP19	5 Pin XTT Inverter Plug
XR935H	Everyday Light Reactive Helmet – Black
XTICC	Carry Case (Sold separately)

DC Output

The XTT 200 DCP has a DC output and is suitable for welding alloy, non alloy steels, stainless steel and titanium.

TIG Mode - Materials up to 6mm can be welded with ease.

MMA Mode - Electrodes up to 4.8mm can be used with ease.

TIG Welding

The XTT 200 DCP is suitable for TIG welding steel and stainless steel using the HF start circuit.

Adjustable power pulsing allows reduced heat input and increased penetration.

Generator Friendly

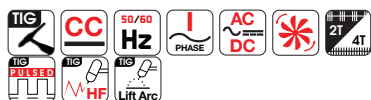
The XTT 200 DCP is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

The machine is housed in a metal case with integrated carry handle and shoulder strap.

A carry case is available as an optional extra.

XTT 202P AC/DC PULSED TIG INVERTER

Professional Level AC/DC TIG Inverter



- 230V Input
- 200A @ 25% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC Frequency
- Variable Pulse Frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Generator Friendly
- Adjustable Downslope (TIG Mode)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty

Stock Code

XTT202P
XTT202P-P1

XTT202P-P1T

XTT202P-P1WT

Description

200A AC/DC Pulsed TIG Inverter 230V
Pulsed TIG Inverter with PRO26 Torch
Package and Regulator
Pulsed TIG Inverter with PRO26 Torch
Package, Regulator and Trolley
Pulsed TIG Inverter with PRO20 Torch
Package, Regulator, Water Cooler and Trolley

Technical Information

Parameter	Value
Output Current	5-200 DC 10-200 AC
Input Voltage	230V 1P
Input Current Max	18A
Duty Cycle	200A @ 25%
Up Slope Function	0-10s
Down Slope Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	250Hz
AC Frequency	50-250Hz
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	484 x 380 x 320
Weight (kg)	25

Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO26-12S3BD18	Pro-Grip® 200A Air Cooled Torch x 12.5ft
PRO20-12S3DQ18	Pro-Grip® 250A Water Cooled Torch x 12.5ft
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP26AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Helmet - Black
TR005	Trolley
XTS904	Water Cooler

AC/DC Output

The XTT 202P can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

XTT 353P AC/DC PULSED TIG INVERTER

Professional Level AC/DC Pulsed TIG Inverter with MMA Function



- 400V 3 Phase Input
- 350A @ 30% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC frequency
- Variable Pulse frequency
- HF Arc Starting
- Digital control
- Optional Foot Control
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

A	XTT353P XTT353P-P1	350A AC/DC Pulsed TIG Inverter 400V TIG Inverter and PRO26 TIG Torch Package and Regulator
B	XTT353P-PIW XTT353P-PI3	TIG Inverter with PRO18, Regulator, XTS905 Water Cooler, Ultracool and Trolley TIG Inverter with PRO20, Regulator, XTS905 Water Cooler, Ultracool and Trolley

Description

Technical Information

Parameter	Value
Output Current	5-350 DC 10-350 AC
Input Voltage	400V 3P
Input Current Max	24A
Duty Cycle	350A @ 50%
Up Slope Function	0-10s
Down Slop Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz *
Fuse Rating	16
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	606 x 315 x 605
Weight (kg)	38

* AC frequency range is restricted at higher amperages

Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO18-12S3DQ18	Pro-Grip® 350A Water Cooled Torch x 12.5ft
PRO20-12S3DQ18	Pro-Grip® 250A Water Cooled Torch x 12.5ft
XTI 902D	Foot Control – Digital Machines
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Welding Helmet
XTSH-75-353	Hook Up Kit 0.75m
XTS905	Water Cooler 400V
TR003	Trolley

AC/DC Output

The XTT 353P AC/DC can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

Generator Friendly

The XTT 353P AC/DC is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

NEW XTT 503 AC/DC PULSED INVERTER

Professional Level AC/DC Pulsed TIG Inverter with MMA Function



- 400V 3 Phase Input
- 500A @ 60% Duty Cycle
- Square Wave AC TIG Mode
- Variable AC Frequency
- Variable Pulse Frequency
- HF Arc Starting
- Adjustable Downslope (TIG Mode)
- Digital control
- Optional Foot Control
- Easy Electrode Striking with Arc Force (MMA)
- Easy Electrode Re-striking with Hot Start (MMA)
- Adjustable Downslope (TIG Mode)
- Supplied with 3m Earth Lead
- Connections 35-50mm Dinse
- Sturdy Metal Case
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTT503AC/DC

XTT503AC/DC-P1

XTT503AC/DC-P1W

XTT503AC/DC-P1W2

Description

500A AC/DC Pulsed TIG Inverter 400V

TIG Inverter with PRO18 TIG Torch Package and Regulator

TIG Inverter with PRO18, Regulator, XTS905 Water Cooler, Ultracool and Trolley

TIG Inverter with PRO20, Regulator, XTS905 Water Cooler, Ultracool and Trolley

Technical Information

Parameter

Value

Output Current	10-500A DC
	15-500A AC
Input Voltage	400V 3P
Input Current Max	29A
Duty Cycle	500A @ 60%
Up Slope Function	0-10s
Down Slop Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz
Fuse Rating	32
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	735 x 360 x 655
Weight (kg)	54

Accessory Information

Stock Code

Description

CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
PRO18-12S3DQ18	Pro-Grip Max® TIG 350A Water Cooled Torch 12.5ft
PRO20-12S3DQ18	Pro-Grip Max® TIG 250A Water Cooled Torch 12.5ft
XTI 902D	Foot Control – Digital Machines
D3595-1-1	TIG Adaptor
E700123	Argon Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP18AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Everyday Light Reactive Welding Helmet
XTSH1-353	Hook Up Kit 1m
XTS905	Water Cooler 400V
TR003	Trolley

AC/DC Output

The XTT 503 AC/DC can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal. Square wave AC output and power pulsing maximises productivity whilst reducing heat output.

The majority of steels can be welded in DC mode quickly using the pulse power function. The AC mode allows the welding of aluminium and magnesium alloys.

The square wave output and adjustable frequency maximises the arc energy offering high welding speeds when coupled with the power pulsing function.

Generator Friendly

The XTT 503 AC/DC is able to cope with inputs which fluctuate by +/-15% and can be used with the majority of generators.

XTP 40 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- Lightweight 12.6kg
- 40A @ 40% Duty Cycle
- Generator Friendly
- Smart Switching Dual Voltage 110-230V
- Ideal for Mesh Cutting
- 12mm Production Cut
- 20mm Severance Cut
- Supplied with XT4000 Plasma Torch x 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes built in Air Pressure Regulator
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

For information on the Parweld XT4000 Torch please refer to page 217

Stock Code

XTP40

Description

Inverter Plasma Cutter Including Torch

Technical Information

Parameter	Value
Output Current	10-40A
Input Voltage	110/230 1P
Input Current (max)	32A/24A
Duty Cycle	40A @ 40%
Production Cut Capacity	12mm
Severance Cut Capacity	20mm
Starting Method	Short Circuit
Fuse Rating	32/16A
KVA	3.7
Enclosure Protection	IP23S
Dimensions (mm)	430 x 170 x 270
Weight (kg)	12.6

Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm mm/min	
Mild Steel	5.0	60	155	4000
	10	60	66	1000
	15	60	35.5	500
	20	60	22.2	350

Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
XR935H	Everyday Light Reactive Welding Helmet – Black
XT4000	Torch Package x 4m Central Connector
XTI40AK	Plasma Spares Kit in Plastic Box

Variable Output

The variable output of the XTP 40 makes it ideal for cutting metals up to 12mm thick where the output power can be fine tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

Generator Friendly

The XTP 40 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators. The machine is housed in a metal case with carry handle and shoulder strap.

NEW XTP 63 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- 400V 3 Phase
- Lightweight 24kg
- 60A @ 40% Duty Cycle
- Generator Friendly
- Ideal for Mesh Cutting
- 20mm Production Cut
- 30mm Severance Cut
- Supplied with XT4000 Plasma Torch 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes Built In Air Pressure Regulator and Pressure Gauge
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTP63

Description

Inverter Plasma Cutter Including Torch

Technical Information

Parameter	Value
Output Current	10-60A
Input Voltage	400V 3P
Input Current (max)	12A
Duty Cycle	60A @ 40%
Production Cut Capacity	20mm
Severance Cut Capacity	30mm
Starting Method	Short Circuit
Fuse Rating	10A
KVA	3.2
Enclosure Protection	IP23S
Dimensions (mm)	430 x 170 x 270
Weight (kg)	13

Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm mm/min
Mild Steel	5.0	60	155
	10	60	66
	15	60	35.5
	20	60	22.2

Accessory Information

Stock Code	Description
CKC403	Earth Lead x 3m with Clamp
XT4000	Torch Package x 4m Central Connector
XTI40AK	Plasma Spares Kit in Plastic Box
XR935H	Everyday Light Reactive Welding Helmet

Variable Output

The variable output of the XTP 63 makes it ideal for cutting metals up to 20mm thick. Infinite power control allows the output to be tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

Generator Friendly

The XTP 63 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators.

The machine is housed in a metal case with carry handle.

NEW XTP 103 INVERTER PLASMA CUTTER

Professional Level Air Plasma Cutter



- 400V 3 Phase
- 100A @ 100% Duty Cycle
- Generator Friendly
- Ideal for Mesh Cutting
- 30mm Production Cut
- 50mm Severance Cut
- CNC Interface and HF Start
- Supplied with XT141 Plasma Torch 6m and 3m Earth Cable
- Auto Over Voltage and Over Current Protection
- Includes Built In Air Pressure Regulator and Pressure Gauge
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTP103

Description

Inverter Plasma Cutter Including Hand Torch

Technical Information

Parameter	Value
Output Current	20-100A
Input Voltage	400V 3 P
Input Current (max)	24A
Duty Cycle	100A @ 100%
Production Cut Capacity	30mm
Severance Cut Capacity	50mm
Starting Method	HF
Fuse Rating	20A
KVA	8
Enclosure Protection	IP23S
Dimensions (mm)	580 x 310 x 600
Weight (kg)	40.6

Cut Speed

Material	Thickness mm	Current Amps	Approximate Travel Speed lpm	mm/min
Mild Steel	5.0	40	155	7000
	10.0	40	66	2100
	15.0	40	35.5	1050
	20.0	40	22.2	672

Accessory Information

Stock Code	Description
CKC403	Earth Lead x 3m with Clamp
XTA141-C-CC7	Hand Torch Package x 6m Central Connector
XT110AK	Plasma Spares Kit in Plastic Box
XR935H	Everyday Light Reactive Welding Helmet
XTA141M-C-CC7	Machine Torch 6m Central Connector
XTDF	High Performance Air Filter
XTFE	Filter Cartridge for use with XTDF

To extend the life of your consumables and reduce the risk of torch damage Parweld recommends fitting the XTDF High Performance Filter.

Variable Output

The variable output of the XTP 103 makes it ideal for cutting metals up to 30mm thick. Infinite power control allows the output to be tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimizes the risk of interference with electronic systems.

Generator Friendly

The XTP 103 is able to cope with inputs which fluctuate by +/-10% and can be used with the majority of generators.

The machine is housed in a metal case with carry handle.

XTM 160I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 160A @ 40% Duty Cycle
- Compact and Portable
- MIG Welding with Arc Force Adjustment
- Dual Digital display
- Accepts 5kg (200mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T trigger latching
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTM160I
XTM160I-P1

Description

160A MIG Inverter
Machine with MIG Torch & Regulator

Technical Information

Parameter	Value
Style	Portable
Machine Type	Inverter
Maximum Current	160A
Wire Feed Speed	2-15 m/min
Voltage	13.5-22V
Spool Size	200mm
Feed Box	2R
Wire Size	0.6-0.8mm
Duty Cycle	160A @ 40%
Input Voltage	230V 1P
Input Current (Max)	18A
Fuse Rating	16A
KVA	3.6
Enclosure Protection	IP23S
Dimensions (mm)	465 x 214 x 356
Weight (kg)	12

Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® MIG 150A Torch 3m
PRO1500-30ER	Pro-Grip Max® MIG 150A Torch 3m
E700123	Argon Regulator Single Stage 2 Gauge
XR935H	Everyday Light Reactive Helmet – Black

DC Output

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. The arc voltage is infinitely adjustable providing exact settings of the welding parameters. Lightweight construction means the machine is very portable and the removable euro connection torch makes for easy transport and storage.

The dual digital displays allow all the welding parameters to be displayed, welding voltage is displayed constantly and the second display can be toggled between the wire speed and welding amperage.

Wire sizes of 0.6-0.8mm can be used with ease.

Generator Friendly

The XTM 160I is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a steel case with an integrated carry handle and shoulder strap

NEW XTM 182I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 180A @ 20% Duty Cycle
- Compact and Portable
- Synergic Control Trolley with Built in Storage Drawer
- Dual Digital Display
- Accepts 15kg (300mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T Trigger Latching, Separate Button
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTM182I
XTM182I-P1

Description

180A MIG Inverter
Machine with MIG Torch & Regulator

Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	180A
Wire Feed Speed	2-15m/min
Voltage	18-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size (mm)	0.6-1.0
Duty Cycle	180A @ 20%
Input Voltage	230V 1P
Input Current (Max)	32A
Fuse Rating	32A
KVA	7.36
Enclosure Protection	IP23S
Dimensions (mm)	1020 x 470 x 930
Weight (kg)	52

Accessory Information

Stock Code	Description
CKE403	Electrode Holder Cable Kit x 3m
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® 150A MIG Torch 3m
PRO1500-30ER	Pro-Grip Max® 150A MIG Torch 3m
E700123	Argon Regulator Single Stage 2 Gauge
WP17V-12-2I	WP17V Torch Package x 12.5ft
XR935H	Everyday Light Reactive Helmet – Black

Multi Mode

The XTM 182I is capable of welding up to 6mm thick material. The synergic control allows rapid setup of the welding process.

TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.

NEW XTM 200I MIG INVERTER

Lightweight Portable MIG Inverter Machine



- 230V Single Phase
- 200A @ 20% Duty Cycle
- Compact and Portable
- Dual Digital display
- Accepts 5kg (200mm) Spools
- IP23S
- Supplied with Regulator and MIG Torch
- 2T/4T trigger latching
- Synergic Control Trolley with Built in Storage Drawer
- 3 Years Return to Base Warranty
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Stock Code

XTM200I
XTM200I-P1

Description

200A MIG Inverter
MIG Inverter with MIG Torch & Regulator

Technical Information

Parameter	Value
Style	Portable
Machine Type	Inverter
Maximum Current	200A
Wire Feed Speed	2-18m/min
Voltage	18-26.5V
Spool Size	200mm
Feed Box	2R
Wire Size	0.8-1.0mm
Duty Cycle	200A @ 20%
Input Voltage	230V 1P
Input Current (Max)	45A
Fuse Rating	50A
KVA	10.35
Enclosure Protection	IP23S
Dimensions (mm)	465 x 214 x 356
Weight (kg)	12

Accessory Information

Stock Code	Description
CKC403	Earth Cables Clamp Kit x 3m
ECR1500-30ER	Eco-Grip Max® 150A MIG Torch x 3mt
PRO1500-30ER	Pro-Grip Max® 150A MIG Torch x 3mt
E700123	Argon Regulator Single Stage 2 Gauge
XR935H	Everyday Light Reactive Helmet – Black

DC Output

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. The arc voltage is infinitely adjustable providing exact settings of the welding parameters. Lightweight construction means the machine is very portable and the removable euro connection torch makes for easy transport and storage.

The dual digital displays allow all the welding parameters to be displayed, welding voltage is displayed constantly and the second display can be toggled between the wire speed and welding amperage.

Wire sizes of 0.6-1.0mm can be used with ease.

Generator Friendly

The XTM 200I is able to cope with inputs which fluctuate by +/- 15% and can be used with the majority of generators.

The machine is housed in a steel case with an integrated carry handle and shoulder strap

NEW XTM 252I SYNERGIC MIG INVERTER

Professional Single Phase Compact MIG Machine



- 230V Single Phase
- 250A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Voltage
- Synergic Welding with Rapid Set Up
- Overload Warning Indicator
- Holds 15kg Wire Spools
- Stand for Full Size Gas Cylinder
- On/Off Switch
- Supplied with Regulator and Torch
- Built in Gas Valve
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 252I offers the light fabrication industries quality welding performance at a competitive price.

Multi Mode

The XTM 252I is capable of welding up to 8mm thick material. The synergic control allows rapid setup of the welding process.

TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.

Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

Versatile

The XTM 252I full size cabinet can accept a full height gas cylinder and its large wheels means it can be moved from job to job.

Standards of Compliance

EN/IEC 60974-1
RoHS Directive, Low Voltage Directive, EMC Directive
(CE Compliant)

XTM 252I Synergic MIG Inverter

Stock Code	Description
XTM252I	Synergic MIG Inverter Machine
XTM252I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

XTM 252I – Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	250A
Wire Feed Speed	2-18 m/min
Voltage	18-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2mm
Duty Cycle	250A @ 30%
Input Voltage	230V 1P
Input Current (Max)	45A
Fuse Rating	50A
KVA	10.35
Enclosure Protection	IP23S
Dimensions (mm)	1020 x 470 x 930
Weight (kg)	53

Options

Stock Code	Description
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Torch Packages

xP200A-30E	XP8 Torch Package x 3m
WP17V-12-2IX	WP17V TIG Torch Package x 12.5ft

Accessories

706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester
CKE403	Electrode Holder 3m Lead

Stock Code	Description
CERT-MIG	Calibration Certificate

NEW XTM 254I SYNERGIC MIG INVERTER

Professional Three Phase Compact MIG Machine

MACHINE



- 400V Three Phase
- 250A @ 60% Duty Cycle
- 4 Roll Drive
- Synergic Control
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator

- Stand for Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Burn Back Control
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 254I offers large fabrication industries quality welding performance and at a competitive price.

Synergic Control

The synergic control allows rapid machine setup saving time, and the infinite control allows the perfect combination of voltage and amperage.

Inverter technology delivers power savings over transformer based machines.

TIG and MMA Welding

The multi-mode inverter also allows MMA and TIG welding.

Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

Flexible

The compact cabinet maximises workshop space.

Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive
(CE Compliant)

XTM 254I Synergic MIG Inverter Machine

Stock Code	Description
XTM254I	Synergic MIG Inverter Machine
XTM254I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

XTM 254I – Technical Information

Parameter	Value
Style	Compact
Machine Type	Inverter
Maximum Current	250A
Wire Feed Speed	1.3-12.5 m/min
Voltage	16-26.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2mm
Duty Cycle	250A @ 60%
Input Voltage	400V 3P
Input Current (Max)	13.5
Fuse Rating	40A
KVA	8.9
Enclosure Protection	IP23S
Dimensions (mm)	907 x 467 x 728
Weight (kg)	53

Options

Stock Code	Description
Torch Packages	
XP200A-50E	XP8 Torch Package x 5m
WP17V-12-2IX	WP17V TIG Torch Package x 12.5ft
Accessories	
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester
CKE403	Electrode Holder 3m Lead

Calibration Certificates are available at the time of order (please note that this is an additional cost).

Stock Code	Description
CERT-MIG	Calibration Certificate

NEW XTM 503I SYNERGIC MIG INVERTER

Professional Three Phase Separate MIG Machine complete with Water Cooler



- 400V Three Phase
- 500A @ 60% Duty Cycle
- 4 Roll Drive
- Synergic Control
- Forced Air Fan Cooling
- Stepless Wire Speed Control
- Wire Inching
- Gas Purge
- Burn Back Adjustment
- Soft Start Adjustment

- Holds Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Supplied with Regulator and Torch
- Includes 5m Interconnect Cable
- Water Cooled
- Variable Inductance Setting
- IP21S
- 3 Years Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

The Parweld XTM 503I offers large fabrication industries quality welding performance and at a competitive price.

Synergic Control

The synergic control allows rapid machine setup saving time, and the infinite control allows the perfect combination of voltage and amperage.

Inverter technology delivers power savings over transformer based machines.

Flexible

The separate wire feed unit provides flexibility when working with large fabrications or where access is restricted.

Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 1.0mm and 1.6mm wires.

Ease of Use

The separate wire feeder carries all of the controls, so it is easy to fine tune the welding operation without having to return to the power source.

Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive
(CE Compliant)

XTM 500I Synergic MIG Inverter Machine

Stock Code	Description
XTM503I	Synergic MIG Inverter Machine
XTM503I-P1	Synergic MIG Inverter Machine complete with Torch and Regulator

XTM 500I – Technical Information

Parameter	Value
Style	Separate
Machine Type	Inverter
Maximum Current	500A
Wire Feed Speed	1-20m/min
Voltage	13-50V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6mm
Duty Cycle	500A @ 60%
Input Voltage	400V 3P
Input Current (Max)	41.8
Fuse Rating	60A
KVA	27.5
Enclosure Protection	IP23S
Dimensions (mm)	1035 x 430 x 7955
Weight (kg)	67

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC403	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP450W-40E	XP8 350A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

Options

Stock Code	Description
Torch Packages	
XP350A-40E	XP8 350A MIG Torch Package x 4m

Feed Roll Kits

XTFR20810	Feed Rolls 0.8mm-1.0mm
XTFR20810A	Feed Rolls 0.8mm-1.0mm Aluminium
XTFR1012A	Feed Rolls 1.0mm-1.2mm Aluminium
XTFR1012K	Feed Rolls 1.0mm-1.2mm Knurled
XTFR1216	Feed Rolls 1.2mm-1.6mm
XTFR1216A	Feed Rolls 1.2mm-1.6mm Aluminium

Accessories

XTMC05W	Interconnect Cable x 5m Water Cooled
XTMC10W	Interconnect Cable x 10m Water Cooled
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates are available at the time of order (please note that this is an additional cost).

Stock Code	Description
CERT-MIG	Calibration Certificate

XTM 301S PROFESSIONAL SINGLE PHASE SEPARATE MACHINE

MACHINE



- 230V Single Phase
- 270A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator
- Stand for Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Burn Back Control
- Soft Start Control
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty

The Parweld XTM 301S offers the heavy fabrication industries quality welding performance at a competitive price.

DC Output

The XTM 301S has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.0mm to 8.0mm.

Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.2mm wires.

Flexible

The separate wire feeder provides flexibility when working with large fabrications or where access is restricted.

Versatile and Portable

The XTM301S full size cabinet can accept a full height gas cylinder and its large wheels mean it can easily be moved from job to job.

Standards

En/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive
(CE Compliant)

XTM 301S Single Phase MIG Machine

Stock Code	Description
XTM301S	Single Phase MIG Machine
XTM301S-P1	Single Phase MIG Machine complete with Torch and Regulator

XTM 301S – Technical Information

Parameter	Value
Style	Separate
Machine Type	Transformer
Maximum Current	300A
Wire Feed Speed	2-18 m/min
Voltage	16-29
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.2
Duty Cycle	270A @ 30%
Input Voltage	230V 1P
Input Current (Max)	50A
Fuse Rating	45A
KVA	10
Enclosure Protection	IP23S
Dimensions (mm)	800 x 420 x 770
Weight (kg)	110

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC203I	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XTMC05A	Interconnect Cable x 5m Air Cooled
XP200A-40E	XP8 200A MIG Torch Package x 4m
E700123	Regulator 300 Bar SS 2G Argon

Options

Stock Code	Description
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Torch Packages

XP200A-50E	XP8 200A MIG Torch Package x 5m
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Feed Roll Kits

XTFR0810A	Feed Rolls 0.8mm – 1.0mm Aluminium
XTFR1012	Feed Rolls 1.0mm – 1.2mm
XTFR1012A	Feed Rolls 1.0mm – 1.2mm Aluminium
XTFR1216	Feed Rolls 1.2mm – 1.6mm
XTFR1216A	Feed Rolls 1.2mm – 1.6mm Aluminium

Accessories

706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates are available at the time of order (please note that this is an additional cost).

Stock Code	Description
CERT-MIG	Calibration Certificate

XTM 303C PROFESSIONAL THREE PHASE COMPACT MIG MACHINE



- 400V Three Phase
- 300A @ 30% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Step Voltage Adjustment
- Infinitely Variable Wire Speed
- Digital Display for Amps and Volts
- Overload Warning Indicator
- Stand for Full Size Gas Cylinder
- Wire Inching
- Gas Purge
- Burn Back Control
- Soft Start Adjustment
- Holds 15kg Wire Spools
- Supplied with Regulator and Torch
- IP21S
- 3 Years Warranty

The Parweld XTM 303C offers the heavy fabrication industries quality welding performance at a competitive price.

DC Output

The XTM 303C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.5mm to 8.0mm.

Reliable Feeding

The 4 Roll Geared aluminium feed box ensures reliable feeding of 0.8mm and 1.6mm wires.

Enhanced Performance

The 3 Phase operation gives a smoother arc compared to single phase machines. For enhanced performance the XTM 303C is equipped with a soft start and burn back controls.

Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive, CE Compliant

XTM 303C Professional Three Phase MIG Machine

Stock Code	Description
XTM303C	Three Phase MIG Machine
XTM303C-P1	Three Phase MIG Machine complete with Torch and Regulator

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable 4m
CKC203	Earth Clamp Cable Kit 3m
XTMGH3	Gas Hose 3m c/w 3/8" BSP Fittings
XP300A-40E	XP8 Torch Package x 4m Euro
E700123	Regulator 300 Bar SS 2G Argon

XTM 303C – Technical Information

Parameter	Value
Style	Compact
Machine Type	Transformer
Maximum Current	300A
Wire Feed Speed	0.8-2.4 m/min
Voltage	17-29V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6mm
Duty Cycle	300A @ 30%
Input Voltage	400V 3P
Input Current (Max)	20A
Fuse Rating	16A
KVA	11
Enclosure Protection	IP23S
Dimensions (mm)	762 x 450 x 720
Weight (kg)	100

Options

Stock Code	Description
Torch Packages	
XP300A-50E	XP8 300A MIG Torch Package x 5m
Feed Roll Kits	
XTFR0810	Feed Rolls 0.8mm – 1.0mm
XTFR0810A	Feed Rolls 0.8mm – 1.0mm Aluminium
XTFR0812A	Feed Rolls 1.0mm – 1.2mm Aluminium
XTFR0816	Feed Rolls 1.2mm – 1.6mm
XTFR0816A	Feed Rolls 1.2mm – 1.6mm Aluminium
Accessories	
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates are available at the time of order (please note that this is an additional cost).

Stock Code	Description
CERT-MIG	Calibration Certificate

XTM 403S PROFESSIONAL THREE PHASE SEPARATE MIG MACHINE

MACHINE



- 400V Three Phase
- 350A @ 60% Duty Cycle
- 4 Roll Drive
- Forced Air Fan Cooling
- Step Voltage Adjustment
- Stepless Wire Speed Control
- Built in Gas Valve
- Wire Inching
- Gas Purge
- Burn Back Adjustment
- Soft Start Adjustment
- Holds Full Size Gas Cylinder
- Holds 15kg Wire Spools
- Supplied with Regulator and XP8 Torch
- Includes 5m Interconnect Cable
- Wire Feeder Water Cooled Ready
- Dual Inductance Setting
- IP21S
- 3 Years Warranty

The Parweld XTM 403S offers large fabrication industries quality welding performance and at a competitive price.

DC Output

The XTM 403S has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

The machine is ideal for welding a range of materials from 1.5mm to 10.0mm.

Flexible

The separate wire feed unit provides flexibility when working with large fabrications or where access is restricted.

Ease of Use

The separate wire feeder carries all the controls with the exception of voltage adjustment so it is easy to fine tune the welding operation without having to return to the power source.

Standards of Conformance

EN/IEC 60974-1

RoHS Directive, Low Voltage Directive, EMC Directive
(CE Compliant)

XTM 403S Professional Three Phase Separate MIG Machine

Stock Code	Description
XTM403S	Three Phase Separate MIG Machine
XTM403S-P1	Three Phase Separate MIG Machine complete with Torch and Regulator

XTM 403S – Technical Information

Parameter	Value
Style	Separate
Machine Type	Transformer
Maximum Current	350A
Wire Feed Speed	0.8-2.4 m/min
Voltage	13.3-31.5V
Spool Size	300mm
Feed Box	4R
Wire Size	0.8-1.6
Duty Cycle	350A @ 60%
Input Voltage	400V 3P
Input Current (Max)	22A
Fuse Rating	16A
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	1000 x 600 x 1400
Weight (kg)	178

Calibration Certificates are available at the time of order (please note that this is an additional cost).

Stock Code	Description
CERT-MIG	Calibration Certificate

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
CKC403	Earth Cable Clamp Kit x 3m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
XTMC05A	Interconnect Cable x 5m Air Cooled
XP350A-40E	XP8 Torch Package x 4m Euro
E700123	Regulator 300 Bar SS 2G Argon

Options

Stock Code	Description
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Torch Packages

XP350A-50E	XP8 Torch Package x 5m
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Feed Roll Kits

XTFR20810	Feed Rolls 0.8mm-1.0mm
XTFR20810A	Feed Rolls 0.8mm-1.0mm Aluminium
XTFR1012A	Feed Rolls 1.0mm-1.2mm Aluminium
XTFR1012K	Feed Rolls 1.0mm-1.2mm Knurled
XTFR1216	Feed Rolls 1.2mm-1.6mm
XTFR1216A	Feed Rolls 1.2mm-1.6mm Aluminium

Accessories

XTMC10A	Interconnect Cable x 10m Air Cooled
XTMC05W	Interconnect Cable x 5m Water Cooled
XTMC10W	Interconnect Cable x 10m Water Cooled
XTM-WF100	Wire Feeder 4 Roll
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

NEW XTE 171C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 140A @ 10% Duty Cycle
- 2 Roll Drive
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Overload Warning Indicator
- Polarity can be changed for Gasless Welding
- Stand for Gas cylinder (half bottle)
- Holds 5kg Wire Spools
- Supplied with Regulator and Torch
- Built in Gas Valve
- 2 Years Return to Base Warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

DC Output

The XTE 171C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium.

Reliable Feeding

The feed box ensures reliable feeding of 0.6mm and 0.8mm wires.

Versatile and Portable

The XTE 171C cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.

Stock Code

XTE171
XTE171-P1

Description

170A Automotive MIG Machine 230V
Automotive MIG Machine complete with
Torch and Regulator

Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-140A
Input Voltage	230V 1P
Minimum fuse size	20A
Voltage Steps	6
Duty Cycle	140A @ 10%
Spool Size	200
Wire Sizes	0.6-0.8mm
Fuse Rating	32A
KVA	6.5
Enclosure Protection	IP23S
Dimensions (mm)	640 x 320 x 480
Weight (kg)	34

Standard Package Includes

Stock Code	Description
XTMGH3	Gas Hose x 3m c/w 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon
XTMCA	Input Cable x 4m

Options**Accessories**

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates

Certificates available at time of order for an additional cost

Stock Code	Description
CERT-MIG	Calibration Certificate

NEW XTE 181C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 180A @ 20% Duty Cycle
- 2 Roll Drive and holds 15kg Wire Spools
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Built in Gas Valve
- Overload Warning Indicator
- Stand for Half Size Gas Cylinder
- Supplied with Regulator and Torch
- 2 Years Return to Base Warranty
- Manufactured to IP21S, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

DC Output

The XTE 181C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium from 0.75mm to 5.0mm.

Reliable Feeding

The geared aluminium feed box ensures reliable feeding of 0.8mm and 1.0mm wires.

Versatile and Portable

The XTE 181C full size cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.

Stock Code

XTE181
XTE181-P1

Description

180A Automotive MIG Machine 230V
Automotive MIG Machine complete with Torch and Regulator

Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-180A
Input Voltage	230V 1P
Minimum fuse size	20A
Voltage Steps	6
Duty Cycle	180A @ 20%
Spool Size	300
Wire Sizes	0.6-1.0mm
Fuse Rating	32A
KVA	9.8
Enclosure Protection	IP23S
Dimensions (mm)	845 x 415 x 505
Weight (kg)	55

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon

Options

Accessories

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates

Certificates available at time of order for an additional cost

Stock Code	Description
CERT-MIG	Calibration Certificate

NEW XTE 201C AUTOMOTIVE COMPACT MIG MACHINE

Single Phase Compact MIG Machine supplied with Built In Wire Feeder



- 230V Single Phase
- 200A @ 20% Duty Cycle
- 2 Roll Drive and holds 15kg Wire Spools
- Forced Air Fan Cooling
- Infinitely Variable Wire Speed
- Built in Gas Valve
- Overload Warning Indicator
- Stand for Half Size Gas Cylinder
- Supplied with Regulator and Torch
- 2 Years Return to Base Warranty
- Manufactured to IP21S, EN/IEC 60974-1 RoHS Directive, Low Voltage Directive and EMC Directive (CE Compliant)

Stock Code

XTE201
XTE201-P1

Description

200A Automotive MIG Machine 230V
Automotive MIG Machine complete with
Torch and Regulator

Technical Information

Parameter	Value
Cabinet Format	Compact
Machine Type	Transformer
Current Range	35-200A
Input Voltage	230V 1P
Minimum fuse size	32A
Voltage Steps	6
Duty Cycle	200A @ 20%
Spool Size	300
Gasless Welding	Yes
Wire Sizes	0.6-1.0mm
Fuse Rating	32A
KVA	12
Enclosure Protection	IP23S
Dimensions (mm)	845 x 415 x 505
Weight (kg)	56

Standard Package Includes

Stock Code	Description
XTMCA	Input Cable x 4m
XTMGH3	Gas Hose x 3m 3/8" BSP Fittings
ECR1500-30ER	Eco-Grip Max® MIG Torch Package x 3m
E700123	Regulator 300 Bar SS 2G Argon

Options

Accessories

Stock Code	Description
706101	Flow Meter Mixed Gas 25lpm (MIG)
806001	Gas Flow Tester

Calibration Certificates

Certificates available at time of order for an additional cost

Stock Code	Description
CERT-MIG	Calibration Certificate

DC Output

The XTE 201C has a DC Output and when combined with the correct type of wire it is suitable for welding mild steel, stainless steel and aluminium from 0.75mm to 5.0mm.

Reliable Feeding

The geared aluminium feed box ensures reliable feeding of 0.8mm and 1.0mm wires.

Versatile and Portable

The XTE 201C full size cabinet can accept a gas cylinder and its large wheels mean it is easily portable and can be moved from job to job.

XTS 902 DUAL VOLTAGE WATER COOLER



Technical Information

Parameter	Value
Input Voltage	110V/230V 1P
Weight empty	19.5kg
Tank capacity	5L
Motor rating 230V	3.0A
Motor rating 110V	6.6A
Heat Exchanger Rating	900W
Max. Water Temperature	+60°C
Max. Ambient Temperature	+40°C
Noise	74dba

Stock Code	Description
XTS902	Dual Voltage Water Cooler
XTS902FS	Dual Voltage Water Cooler with Flow Switch
XTS902-P1	Dual Voltage Water Cooler c/w 10L Ultracool
XTS902FS-P1	Dual Voltage Water Cooler c/w Flow Switch, 10L Ultracool

Options

Stock Code	Description
XTSUC	Parweld Ultracool Coolant 10L
XTSFSK	Flow Switch Kit
XTSH1	Hook Up Kit x 1m
XTSH3	Hook Up Kit x 3m

- Dual Voltage 110V/230V
- Suitable for use with MIG and TIG Plant up to 500A
- Available with Flow Switch to Protect the Torch
- Quick Connectors for Rapid Hook Up
- Small Foot Print allows location on the Cylinder Stand of Machines
- No Pump Priming Required
- 24 Months Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

XTS 905 WATER COOLER



Technical Information

Parameter	Value
Input Voltage	400V / 3P
Weight empty	19.5kg
Tank capacity	5L
Motor rating 230V/400V	1.5A
Heat Exchanger Rating	900W
Max. Water Temperature	+60°C
Max. Ambient Temperature	+40°C
Noise	74dba

Stock Code	Description
XTS905	Dual Voltage Water Cooler
XTS905FS	Dual Voltage Water Cooler with Flow Switch
XTS905-P1	Dual Voltage Water Cooler c/w 10L Ultracool
XTS905FS-P1	Dual Voltage Water Cooler c/w Flow Switch, 10L Ultracool

Options

Stock Code	Description
XTSUC	Parweld Ultracool Coolant 10L
XTSFSK	Flow Switch Kit
XTSH1	Hook Up Kit x 1m
XTSH3	Hook Up Kit x 3m
XTSH1-303	Hook Up Kit x 1m XTI 303
XTSH3-303	Hook Up Kit x 3m XTI 303

To order 230V Version use Stock Code XTS904

- Voltage 400V
- Suitable for use with MIG and TIG Plant up to 500A
- Available with Flow Switch to Protect the Torch
- Quick Connectors for Rapid Hook Up
- Small Foot Print allows location on the Cylinder Stand of Machines
- No Pump Priming Required
- 24 Months Return to Base Warranty
- Manufactured to IP21S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

Cutting and Welding Torches

GAS



Cutting and Welding Torches	
NM 18/90 Cutting Torch	
Features	

- Cuts to 10" (250mm)
- Solid brass and stainless steel construction
- Nozzle mix design for maximum safety
- Backfire resistant design
- Easy grip control knobs for simple and safe operation
- Progressive bleed characteristics
- Robust lever latch
- Gas valves fitted with stainless steel stems and double O Ring seals

Stock Code	Description
708101	18/90 NM Cutter

Cutting and Welding Torches	
Everyday NM 18/90 Cutting Torch	
Features	

- Cuts to 10" (250mm)
- Die cast metal handle
- Nozzle mix design for maximum safety
- Backfire resistant design
- Easy grip control knobs for simple and safe operation
- Progressive bleed characteristics
- Gas valves fitted with stainless steel stems

Stock Code	Description
E708101	Everyday 18/90 NM Cutter

NM 27/90 Cutting Torch

Manufactured to offer the safest method of operation and reliability. The Parweld NM 27/90 Cutting Torch is an extended reach blowpipe with 90° head, length 27".



Stock Code	Description
708121	27/90 NM Cutter

NM 36/90 Cutting Torch

Manufactured to offer the safest method of operation and reliability. The Parweld NM 36/90 Cutting Torch is an extended reach blowpipe with 90° head, length 36".



Stock Code	Description
708141	36/90 NM Cutter

Head Nut for NM Cutters

Stock Code	Description
1601A04	Head Nut for NM Cutters

NM 27/105 Cutting Torch

Manufactured to offer the safest method of operation and reliability. The Parweld NM 27/105 Cutting Torch is an extended reach blowpipe with a 105° head angle and is ideal for scrap cutting on flat plate, length 27".



Stock Code	Description
708124	27/105 NM Cutter

NM 36/105 Cutting Torch

Manufactured to offer the safest method of operation and reliability. The Parweld NM 36/105 Cutting Torch is an extended reach blowpipe with a 105° head angle ideal for scrap cutting on a flat plate, length 36".



Stock Code	Description
708144	36/105 NM Cutter



Traditional Cutting and Welding Torches

Traditional Type 5 Welding and Cutting Torch

Designed to cope with the rigours of modern welding and fabrication environments. Easy adaption of the handle allows for welding, cutting or heating.

Features

- Cuts to 6" (150mm) with Acetylene
- Cuts to 3" (76mm) with Propane
- Cuts to 3/8" BSP Fitting
- Welds mild steel to 1" (25mm)
- Heats with Propane from 72,000 – 618,000 BTU/H
- Solid forged handles gun drilled
- Simple hand connections for changes from welding to cutting



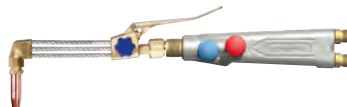
Stock Code	Description
707101	Type 5 Cutting Attachment
707102	Type 5 Shank
707103	Type 5 Welding Mixer (Acetylene)
707104	Type 5 Heating Mixer (Propane)
707105	270mm Bent Neck (Propane)
707107	700mm Bent Neck (Propane)

Lightweight Welding and Cutting Torch

Designed for light sheet metal and automotive trades.

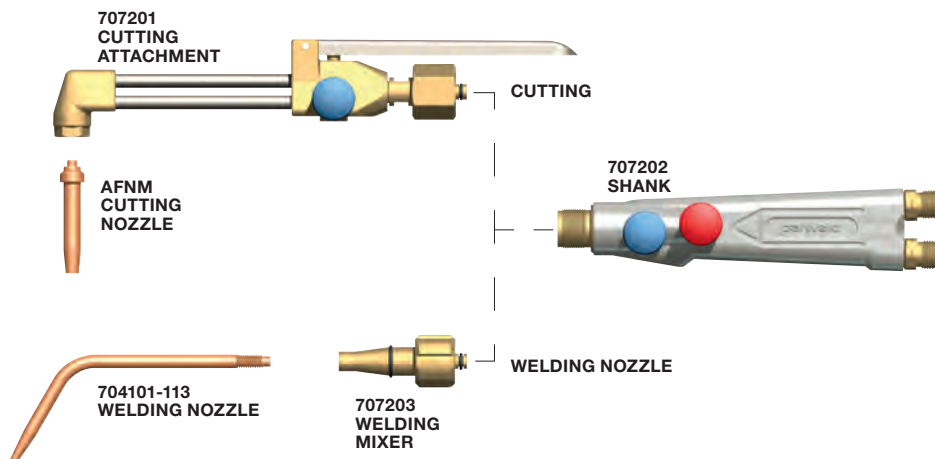
Features

- Cuts to 3/4" (19mm)
- Welds mild steel to 5/16" (8mm)
- Compact Handle
- 1/4" BSP Fitting
- Extra fine control valves
- Progressive valve action
- Solid forged handle

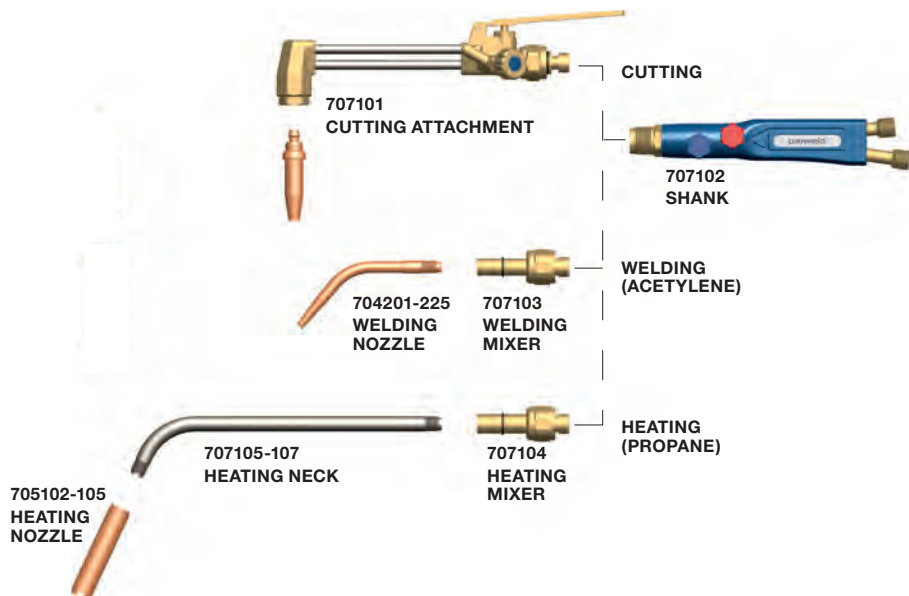


Stock Code	Description
707201	Lightweight Cutting Attachment
707202	Lightweight Shank
707203	Lightweight Welding Mixer (Acetylene)

Lightweight Cutting and Welding Torch

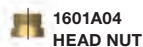
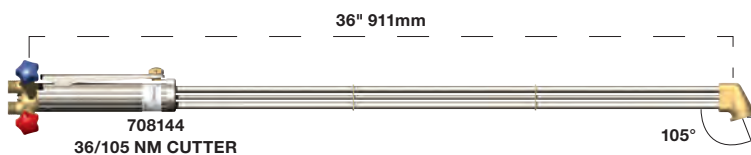
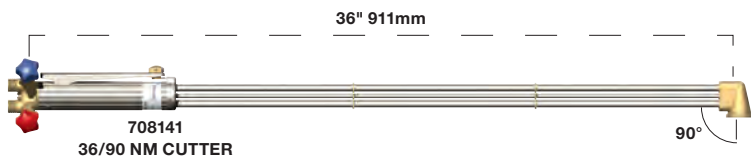
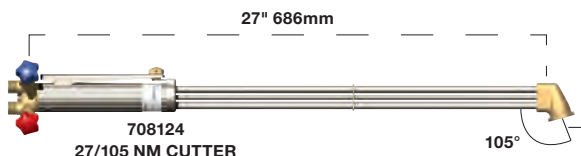
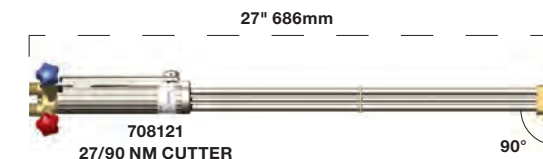


Type 5 Cutting / Welding and Heating Torch



NM Cutting Torches

Note: Please see the nozzle section for detailed information on nozzle stock codes.



Everyday Gas Regulators – 300 BAR



Single Stage Plugged

Stock Code	Description	Maximum Outlet Pressure
E700101	Regulator 25 Bar – Single Stage Plugged Acetylene	1.5 Bar
E700102	Regulator 300 Bar – Single Stage Plugged Oxygen	10 Bar
E700104	Regulator 25 Bar – Single Stage Plugged Propane	4.0 Bar
E700141	Argon Indicator Regulator	3.0 Bar



Single Stage 1 Gauge

Stock Code	Description	Maximum Outlet Pressure
E700113	Regulator 300 Bar – Single Stage 1 Gauge Argon	30 lpm flow
E700140	Argon Preset Regulator	3.0 Bar



Single Stage 2 Gauge

Stock Code	Description	Maximum Outlet Pressure
E700121	Regulator 25 Bar – Single Stage 2 Gauge Acetylene	1.5 Bar
E700122	Regulator 300 Bar – Single Stage 2 Gauge Oxygen	10 Bar
E700123	Regulator 300 Bar – Single Stage 2 Gauge Argon	30 lpm flow
E700152	Regulator 300 Bar – Single Stage 2 Gauge CO ₂ (Side Entry)	4.0 Bar

Features

- Flow rate up to 96m³/h (3389 ft³/h)
- Full 300 bar capability
- Bottom entry design suited for top outlet cylinder valves
- Improved Valve design to reduce gas pressure pulses

Fittings

- Fitted with 1/4" g parallel threaded gauges
- Fitted with standard 3/8" BSP outlet
- Fitted with 5/8" BSP inlet connections

Flashback Arrestors

Resettable Flashback Arrestor

Designed to extinguish the flame front and ensure that it does not reach the cylinder or gas supply system. Manufactured to offer the highest level of protection.

Stock Code	Description	Application
709112/W	Flashback Arrestor – Resettable Oxygen	3/8" BSP Male/Female for Connection to Regulator
709114/W	Flashback Arrestor – Resettable Fuel	3/8" BSP Male/Female for Connection to Regulator

Features

- Large sintered flame arrestor element
- Fully guided non-return valve
- Fast acting thermal cut off valve which activates when the heat sensitive element reaches 100°C
- Resettable pressure sensitive control valve
- Inlet Dirt Filter

Fittings

- 3/8" BSP
- H&SE Approved
- BAM Approved



In-Line Flashback Arrestor

Manufactured to offer a high level of protection.

Stock Code	Description	Application
709102	Flashback Arrestor – In-line Oxygen	3/8" BSP Male/Female for Connection to Regulator
709104	Flashback Arrestor – In-line Fuel	3/8" BSP Male/Female for Connection to Regulator

Features

- Large sintered element coupled with non return valve
- Includes thermal cut off valve which activates when the heat sensitive element reaches 100°C
- Non return valve

Fittings

- 3/8" BSP
- H&SE Approved
- BAM Approved



Gas Contractor Sets

Gas Contractors Set A – 18/90 Cutting Set – Single Stage 2 Gauge

Set supplied complete with:

Stock Code	Description
E700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
E700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
E708101	Everyday 18/90 NM Cutter
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
761010 (not shown)	Fitted Hose (Oxy And Ace) 10mm / 3/8" – 3/8"
701108	BSP Check Valves – 10m
701112	ANM Cutting Nozzle 0.8mm – 1/32"
682001	ANM Cutting Nozzle 1.2mm – 3/64"
695001	Round Cup Lighter
	Combination Spanner
Gas Contractors Set A	Supplied as above
Gas Contractors Set AC	Supplied as above inside an Aluminium Case



Gas Contractors Set B – 18/90 Cutting Set – Single Stage Plugged

Set supplied complete with:

Stock Code	Description
E700101	Regulator 25 Bar Single Stage Plugged Acetylene
E700102	Regulator 300 Bar Single Stage Plugged Oxygen 10 Bar
E708101	Everyday 18/90 NM Cutter
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
761010 (not shown)	Fitted Hose (Oxy And Ace) 10mm / 3/8" – 3/8"
701108	BSP Check Valves – 10m
701112	ANM Cutting Nozzle 0.8mm – 1/32"
682001	ANM Cutting Nozzle 1.2mm – 3/64"
695001	Round Cup Lighter
	Combination Spanner
Gas Contractors Set B	Supplied as above
Gas Contractors Set BC	Supplied as above inside an Aluminium Case



Gas Contractors Set C – Lightweight Welding and Brazing Set

Set supplied complete with:

Stock Code	Description
E700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
E700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760605 (not shown)	Fitted Hose (Oxy and Ace) 6mm/1/4" – 1/4" BSP Check Valves – 5m
707202	Lightweight Welding Shank
707203	Lightweight Welding Mixer
704102	Lightweight Weld Nozzle Size 2
704105	Lightweight Weld Nozzle Size 5
682001	Round Cup Lighter
695001	Combination Spanner
Gas Contractors Set C	Supplied as above
Gas Contractors Set CC	Supplied as above inside an Aluminium Case



Gas Contractors Set D – Lightweight Cutting and Welding Set

Set supplied complete with:

Stock Code	Description
E700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
E700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760605 (not shown)	Fitted Hose (Oxy and Ace) 6mm/¼" – ¼" BSP Check Valves – 5m
707202	Lightweight Welding Shank
707203 (not shown)	Lightweight Welding Mixer
707201	Lightweight Cutting Attachment
705202	AFNM Nozzle ¼" / 1.2mm (not shown)
704102	Lightweight Weld Nozzle Size 2
704105	Lightweight Weld Nozzle Size 5
682001	Round Cup Lighter
695001	Combination Spanner
Gas Contractors Set D	Supplied as above
Gas Contractors Set DC	Supplied as above inside an Aluminium Case



Gas Contractors Set E – Type 5 Cutting and Welding Set

Set supplied complete with:

Stock Code	Description
E700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
E700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760805 (not shown)	Fitted Hose (Oxy and Ace) 8mm / 5/16" – ¾" BSP Valves – 5m
695001	Combination Spanner
682001	Round file cup lighter
707101	Type 5 Cutting Attachment
707102	Type 5 Shank
707103	Type 5 Welding Mixer
704205	Type 2/3/5 Weld Nozzle Size 5
704207	Type 2/3/5 Weld Nozzle Size 7
Gas Contractors Set E	Supplied as above
Gas Contractors Set EC	Supplied as above inside an Aluminium Case



Gas Contractors Set 2 – Propane Cutting Set

Set supplied complete with:

Stock Code	Description
E700102	Regulator 230 Bar Single Stage Plugged Oxygen
E700104	Regulator Single Stage Plugged Propane
E708101	18/90 NM Cutter
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
764110 (not shown)	Fitted Hose (Oxy and Propane) 10mm/ ¾" – 3/8" BSP Check Valves – 10m
702108	PNM Nozzle ½"/0.8mm
702112	PNM Nozzle ¾"/1.2mm
682001	Round File Cup Lighter
695001	Combination Spanner
Gas Contractors Set 2	Supplied as above
Gas Contractors Set 2C	Supplied as above in Aluminium Case
Gas Contractors Set 4	As Gas Contractors Set 2 but with 20 metre hose – 764120



Aluminium Case

A specially designed aluminium case to suit Contractors Sets

Stock Code	Description
ALUCASE	Aluminium case including foam inserts



Acetylene Cutting Nozzles

ANM Cutting Nozzle

- General Purpose Hand Cutting Acetylene Nozzle (Length 75mm)
- Promotes Improved Economy of Gases



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
701108	1/32" 0.8mm	3mm-6mm	0.14	1.5-2.0
701112	3/64" 1.2mm	5mm-12mm	0.21	2.0-3.0
701116	1/16" 1.6mm	10mm-75mm	0.14	3.0-4.0
701120	3/64" 2.0mm	70mm-100mm	0.14	3.5-4.5
701124	3/32" 2.4mm	90mm-150mm	0.21	4.0-5.0
701132	1/8" 3.2mm	190mm-300mm	0.28	6.0-7.0

AGNM Bent Cutting Nozzle

- Low Velocity Oxygen Stream Acetylene Gouging Nozzle



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
702213	13 6mm-8mm	3mm-8mm	0.5-0.6	4.0
702219	19 8mm-11mm	6mm-10mm	0.5-0.6	5.0
702225	25 10mm-13mm	10mm-13mm	0.55	5.5

ASNM Cutting Nozzle

- Sheet Metal and Straight Liner Cutting Drag Acetylene Nozzle
- Designed to Cut with the Minimum of Heat Distortion



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
705301	1	0.8mm-3.0mm	0.20	1.0-1.5

Propane Cutting Nozzles

PNM Cutting Nozzle

- Designed with the Brass Inner Set Back within the Copper Outer to Enhance Flame Stability



Stock Code	Nozzle Size	Plate Thickness	Bar Propane	Bar Oxygen
702108	1/32" 0.8mm	3mm-6mm	0.20	2.10
702112	3/64" 1.2mm	5mm-12mm	0.20	2.10
702116	1/16" 1.6mm	10mm-75mm	0.20	2.80
702120	3/64" 2.0mm	70mm-100mm	0.30	3.50
702124	3/32" 2.4mm	90mm-150mm	0.40	4.20
702132	1/8" 3.2mm	190mm-300mm	0.60	5.60

ANME Cutting Nozzle

- General Purpose Hand Cutting Acetylene Nozzle (Length 87mm)
- Longer than Standard ANM Nozzles to give Improved Backfire Resistance and Accessibility



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
701208	1/32" 0.8mm	3mm-6mm	0.14	1.5-2.0
701212	3/64" 1.2mm	5mm-12mm	0.21	2.0-3.0
701216	1/16" 1.6mm	10mm-75mm	0.14	3.0-4.0
701220	3/64" 2.0mm	70mm-100mm	0.14	3.5-4.5
701224	3/32" 2.4mm	90mm-150mm	0.21	4.0-5.0
701232	1/8" 3.2mm	190mm-300mm	0.28	6.0-7.0

AFNM Cutting Nozzle

- General Purpose Cutting Nozzle for use with Lightweight Cutting Attachment



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
705201	1/32" 0.8mm	3mm-6mm	0.20	2.10
705202	3/64" 1.2mm	5mm-12mm	0.20	2.15
705203	1/16" 1.6mm	10mm-75mm	0.20	2.80

NEW Apachi Cutting Nozzle

- Two Piece Cutting Nozzle
- Designed for use with Apachi gas



Stock Code	Nozzle Size	Plate Thickness
712308	1/32" 0.8mm	3mm-6mm
712312	3/64" 1.2mm	5mm-12mm
712316	1/16" 1.6mm	10mm-75mm
712324	3/32" 2.4mm	90mm-150mm
712332	1/8" 3.2mm	190mm-300mm

PNME Cutting Nozzle

- General Purpose Hand Cutting Propane Nozzle
- Longer than Standard PNM Nozzles to Give Improved Backfire Resistance and Accessibility



Stock Code	Nozzle Size	Plate Thickness	Bar Propane	Bar Oxygen
702308	1/32" 0.8mm	3mm-6mm	0.20	2.10
702312	3/64" 1.2mm	5mm-12mm	0.20	2.10
702316	1/16" 1.6mm	10mm-75mm	0.20	2.80
702320	3/64" 2.0mm	70mm-100mm	0.30	3.50
702324	3/32" 2.4mm	90mm-150mm	0.40	4.20
702332	1/8" 3.2mm	190mm-300mm	0.60	5.60

VVC Cutting Nozzle

- High speed machine cutting propane nozzle
- Designed with chrome plated outers to provide extra protection from spatter build up



Stock Code	Nozzle Size	Plate Thickness	Bar Propane	Bar Oxygen
703100	5/0	1.5mm	0.10	2.75
703101	4/0	6.0mm	0.10	3.45
703102	3/0	9.0mm	0.10	5.17
703103	0	12.0mm	0.10	5.17
703104	0	18.0mm	0.10	6.42
703105	0.5	32.0mm	0.10	6.90
703106	1	64.0mm	0.10	6.90

Stock Code	Nozzle Size	Plate Thickness	Bar Propane	Bar Oxygen
703107	1.5	75.0mm	0.10	6.90
703108	2	127mm	0.10	6.90
703109	2.5	150mm	0.10	6.90
703110	3	178mm	0.10	6.90
703111	4	203mm	0.10	6.90
703112	5	225mm	0.10	6.42
703113	5.5	254mm	0.10	6.42

Welding Nozzles

Lightweight Nozzle

- One Piece Swaged Design
- Used with a Lightweight Shank and Mixer



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
704101	1	0.9mm	0.14	0.14
704102	2	1.2mm	0.14	0.14
704103	3	2.0mm	0.14	0.14
704105	5	2.6mm	0.14	0.14
704107	7	3.2mm	0.14	0.14
704110	10	4.0mm	0.21	0.21
704113	13	5.0mm	0.28	0.28

Type 2/3/5 Swaged Nozzle

- Used with a Traditional Shank and Welding Mixer



Stock Code	Nozzle Size	Plate Thickness	Bar Acetylene	Bar Oxygen
704201	1	0.9mm	0.14	0.14
704202	2	1.2mm	0.14	0.14
704203	3	2.0mm	0.14	0.14
704205	5	2.6mm	0.14	0.14
704207	7	3.2mm	0.14	0.14
704210	10	4.0mm	0.21	0.21
704213	13	5.0mm	0.28	0.28
704218	18	6.5mm	0.28	0.28
704225	25	8.2mm	0.42	0.42

Heating Nozzle

- Used with a Shank, Heating Nozzle (Propane) and Heating Neck



Stock Code	Nozzle Size	Output BTU	Bar Propane	Bar Oxygen
705102	2	100,000-185,000	0.21-0.56	1.10-2.50
705103	3	180,000-360,000	0.28-1.10	1.80-5.00
705104	4	235,000-405,000	0.35-1.30	2.50-5.70
705105	5	280,000-615,000	0.85-2.10	3.52-8.70

Cutting and Welding Hoses

Cutting and Welding Hose

Designed to Transport Propane, Acetylene or Oxygen Gas with a Maximum Working Pressure of 20 bar.

Features

- Spiral reinforced construction for flexibility
- Ferruled end connections ensure reliability and gas tightness
- Fitted with check valves conforming with EN730
- Built in accordance with EN 1256 and EN 559
- Hose burst pressure tested to 60 Bar



Cutting and Welding Coils

Acetylene Welding Hose – Coil (No Fittings)

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
7606-R	Acetylene Welding Hose – Red	6mm / ¼"	No Fittings	50m	No Fittings
7608-R	Acetylene Welding Hose – Red	8mm / ⅝"	No Fittings	50m	No Fittings
7610-R	Acetylene Welding Hose – Red	10mm / ⅜"	No Fittings	50m	No Fittings



Oxygen Welding Hose – Coil (No Fittings)

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
7606-B	Oxygen Welding Hose – Blue	6mm / ¼"	No Fittings	50m	No Fittings
7608-B	Oxygen Welding Hose – Blue	8mm / ⅝"	No Fittings	50m	No Fittings
7610-B	Oxygen Welding Hose – Blue	10mm / ⅜"	No Fittings	50m	No Fittings



Propane Welding Hose – Coil (No Fittings)

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
7606-O	Propane Welding Hose – Orange	6mm / ¼"	No Fittings	50m	No Fittings
7608-O	Propane Welding Hose – Orange	8mm / ⅝"	No Fittings	50m	No Fittings
7610-O	Propane Welding Hose – Orange	10mm / ⅜"	No Fittings	50m	No Fittings



Twin Hose – Coil (No Fittings)

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
7706	Oxygen/Acetylene Twin Hose – Red & Blue	6mm / ¼"	No Fittings	50m	No Fittings
7708	Oxygen/Acetylene Twin Hose – Red & Blue	8mm / ⅝"	No Fittings	50m	No Fittings
7710	Oxygen/Acetylene Twin Hose – Red & Blue	10mm / ⅜"	No Fittings	50m	No Fittings



Argon Hose – Coil (No Fittings)

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
7606-A	Argon Nylon Braided Hose 8 Bar	6mm / ¼"	No Fittings	50m	No Fittings
7610-A	Argon Nylon Braided Hose 8 Bar	10mm / ⅜"	No Fittings	50m	No Fittings



Cutting and Welding Hose Sets

Oxygen and Acetylene Welding Hose Sets

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
760605	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¼" BSP Check Valves	5m	¾" BSP
760610	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¼" BSP Check Valves	10m	¾" BSP
760620	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¼" BSP Check Valves	20m	¾" BSP
761605	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¾" BSP Check Valves	5m	¾" BSP
761610	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¾" BSP Check Valves	10m	¾" BSP
761620	Fitted Hose Oxygen and Acetylene	6mm / ¼"	¾" BSP Check Valves	20m	¾" BSP
760805	Fitted Hose Oxygen and Acetylene	8mm / ⅝"	¾" BSP Check Valves	5m	¾" BSP
760810	Fitted Hose Oxygen and Acetylene	8mm / ⅝"	¾" BSP Check Valves	10m	¾" BSP
760820	Fitted Hose Oxygen and Acetylene	8mm / ⅝"	¾" BSP Check Valves	20m	¾" BSP
761005	Fitted Hose Oxygen and Acetylene	10mm / ⅜"	¾" BSP Check Valves	5m	¾" BSP
761010	Fitted Hose Oxygen and Acetylene	10mm / ⅜"	¾" BSP Check Valves	10m	¾" BSP
761020	Fitted Hose Oxygen and Acetylene	10mm / ⅜"	¾" BSP Check Valves	20m	¾" BSP



Oxygen and Propane Welding Hose Sets

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
764605	Fitted Hose Oxygen and Propane	6mm / ¼"	¼" BSP Check Valves	5m	¾" BSP
764610	Fitted Hose Oxygen and Propane	6mm / ¼"	¼" BSP Check Valves	10m	¾" BSP
764620	Fitted Hose Oxygen and Propane	6mm / ¼"	¼" BSP Check Valves	20m	¾" BSP
764805	Fitted Hose Oxygen and Propane	8mm / ⅝"	¾" BSP Check Valves	5m	¾" BSP
764810	Fitted Hose Oxygen and Propane	8mm / ⅝"	¾" BSP Check Valves	10m	¾" BSP
764820	Fitted Hose Oxygen and Propane	8mm / ⅝"	¾" BSP Check Valves	20m	¾" BSP
764105	Fitted Hose Oxygen and Propane	10mm / ⅜"	¾" BSP Check Valves	5m	¾" BSP
764110	Fitted Hose Oxygen and Propane	10mm / ⅜"	¾" BSP Check Valves	10m	¾" BSP
764120	Fitted Hose Oxygen and Propane	10mm / ⅜"	¾" BSP Check Valves	20m	¾" BSP



Cutting and Welding Single Hose

Single Oxygen Fitted Hose

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
760605-OX	Single Oxygen Fitted Hose	6mm / ¼"	¼" BSP Check Valves	5m	¾" BSP
760610-OX	Single Oxygen Fitted Hose	6mm / ¼"	¼" BSP Check Valves	10m	¾" BSP
760620-OX	Single Oxygen Fitted Hose	6mm / ¼"	¼" BSP Check Valves	20m	¾" BSP
761605-OX	Single Oxygen Fitted Hose	6mm / ¼"	¾" BSP Check Valves	5m	¾" BSP
761610-OX	Single Oxygen Fitted Hose	6mm / ¼"	¾" BSP Check Valves	10m	¾" BSP
761620-OX	Single Oxygen Fitted Hose	6mm / ¼"	¾" BSP Check Valves	20m	¾" BSP
760805-OX	Single Oxygen Fitted Hose	8mm / ⅝"	¾" BSP Check Valves	5m	¾" BSP
760810-OX	Single Oxygen Fitted Hose	8mm / ⅝"	¾" BSP Check Valves	10m	¾" BSP
760820-OX	Single Oxygen Fitted Hose	8mm / ⅝"	¾" BSP Check Valves	20m	¾" BSP
761005-OX	Single Oxygen Fitted Hose	10mm / ⅜"	¾" BSP Check Valves	5m	¾" BSP
761010-OX	Single Oxygen Fitted Hose	10mm / ⅜"	¾" BSP Check Valves	10m	¾" BSP
761020-OX	Single Oxygen Fitted Hose	10mm / ⅜"	¾" BSP Check Valves	20m	¾" BSP



Single Acetylene Fitted Hose

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
760605-AC	Single Acetylene Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	5m	3/8" BSP
760610-AC	Single Acetylene Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	10m	3/8" BSP
760620-AC	Single Acetylene Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	20m	3/8" BSP
761605-AC	Single Acetylene Fitted Hose	6mm / 1/4"	3/8" BSP Check Valves	5m	3/8" BSP
761610-AC	Single Acetylene Fitted Hose	6mm / 1/4"	3/8" BSP Check Valves	10m	3/8" BSP
761620-AC	Single Acetylene Fitted Hose	6mm / 1/4"	3/8" BSP Check Valves	20m	3/8" BSP
760805-AC	Single Acetylene Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	5m	3/8" BSP
760810-AC	Single Acetylene Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	10m	3/8" BSP
760820-AC	Single Acetylene Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	20m	3/8" BSP
761005-AC	Single Acetylene Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	5m	3/8" BSP
761010-AC	Single Acetylene Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	10m	3/8" BSP
761020-AC	Single Acetylene Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	20m	3/8" BSP



Single Propane Fitted Hose

Stock Code	Description	Hose Bore	Torch Fitting	Length	Cylinder Fitting
764605-PR	Single Propane Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	5m	3/8" BSP
764610-PR	Single Propane Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	10m	3/8" BSP
764620-PR	Single Propane Fitted Hose	6mm / 1/4"	1/4" BSP Check Valves	20m	3/8" BSP
764805-PR	Single Propane Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	5m	3/8" BSP
764810-PR	Single Propane Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	10m	3/8" BSP
764820-PR	Single Propane Fitted Hose	8mm / 5/16"	3/8" BSP Check Valves	20m	3/8" BSP
764105-PR	Single Propane Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	5m	3/8" BSP
764110-PR	Single Propane Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	10m	3/8" BSP
764120-PR	Single Propane Fitted Hose	10mm / 3/8"	3/8" BSP Check Valves	20m	3/8" BSP



Flow Meters, Flow Testers, Double Outlet Connectors

Flow Meter

Manufactured for MIG, TIG and laboratory applications where flow control is required.



Stock Code	Description
706101	Flow Meter Mixed Gas 25 lpm (MIG)
706100	Flow Meter Mixed Gas 0-12 lpm (TIG) Argon

Features

- Designed from brass bar whilst the tube and cover are moulded from high quality polycarbonate to ensure high impact resistance and clarity
- Calibrated to operate at an inlet pressure of 30PSI.
- Sensitive needle valve provides easy adjustment and the downward facing outlet connection eliminates hose kinking.

Fittings

- Fitted with standard 3/8" BSP inlet and outlet connections

Gasflow Tester

Designed to check gas flow at the front of MIG Torches.



Stock Code	Description
806001	Gasflow Tester 0-30 lpm

Double Outlet Connector

Designed to split a single gas supply to 2 outlets, valve controlled.



Stock Code	Description
RHY-1	Double Outlet 3/8" BSP RH-Y Piece with Valves
LHY-1	Double Outlet 3/8" BSP LH-Y Piece with Valves

Hose Connections and Fittings

Cylinder Adaptors



Stock Code	Description
RHCA90	RH Cylinder Adaptor 90°
LHCA90	LH Cylinder Adaptor 90°

Splicers

- Used to join hoses of the same bore size together.



Stock Code	Description
SPL06	Splicer For 1/4" (6mm) Bore Hose
SPL08	Splicer For 3/8" (8mm) Bore Hose
SPL10	Splicer For 1/2" (10mm) Bore Hose

Tailnuts

- Used with hose tails to terminate hoses.



Stock Code	Description
030015	Tailnut – 1/4" BSP RH (Barb)
030016	Tailnut – 1/4" BSP LH (Barb)
0315011	Tailnut – 3/8" BSP RH (Barb)
0315013	Tailnut – 3/8" BSP LH (Barb)

Hose Check Valve

- Used with propane and acetylene hoses.



Stock Code	Description
DSCV146R	Hose Check Valve – 1/4" Nut – 1/4" (6mm) Tail – RH
DSCV146L	Hose Check Valve – 1/4" Nut – 1/4" (6mm) Tail – LH
DSCV386R	Hose Check Valve – 3/8" Nut – 1/2" (6mm) Tail – RH
DSCV386L	Hose Check Valve – 3/8" Nut – 1/2" (6mm) Tail – LH
DSCB388R	Hose Check Valve – 3/8" Nut – 3/8" (8mm) Tail – RH
DSCB388L	Hose Check Valve – 3/8" Nut – 3/8" (8mm) Tail – LH
DSCV3810R	Hose Check Valve – 3/8" Nut – 3/8" (10mm) Tail – RH
DSCV3810L	Hose Check Valve – 3/8" Nut – 3/8" (10mm) Tail – LH

Couplers

- Used to extend or adapt hoses.



Stock Code	Description
0315066	Coupler – 1/4" – 1/4" BSP Male – RH
0315067	Coupler – 1/4" – 1/4" BSP Male – LH
0315068	Coupler – 1/4" – 3/8" BSP Male – RH
0315069	Coupler – 1/4" – 3/8" BSP Male – LH
0315070	Coupler – 3/8" – 3/8" BSP Male – RH
0315072	Coupler – 3/8" – 3/8" BSP Male – LH

Tails

- Allows the termination of hoses when used with tail nuts.



Stock Code	Description
030015 NI	Tails for 1/4" BSP Nut – 1/4" (5mm) Tail (Barb)
030015 NG	Tails for 1/4" BSP Nut – 1/4" (6mm) Tail (Barb)
0315014	Tails for 3/8" BSP Nut – 1/2" (5mm) Tail (Barb)
0315014G	Tails for 3/8" BSP Nut – 1/2" (6mm) Tail (Barb)
0315008	Tails for 3/8" BSP Nut – 3/8" (8mm) Tail (Barb)
0315009	Tails for 3/8" BSP Nut – 3/8" (10mm) Tail (Barb)

Hose Clamps



Stock Code	Description	Application
HC10	Hose Clamp 3/8"/8-11mm	1/4"/6mm Hose
HC13	Hose Clamp 1/2"/11-13mm	3/8"/5mm Hose
HC15	Hose Clamp 5/8"/13-15mm	1/2"/6mm Hose
HC16	Hose Clamp 3/4"/15-17mm	5/8"/8mm Hose
HC19	Hose Clamp 1/2"/17-20mm	3/4"/10mm Hose

Single Ear Hose Clamps



Stock Code	Description
B5043	Single Ear Hose Clamp 24.5mm/21-23.8mm
B5044	Single Ear Hose Clamp 18.5mm/15.6-17.8mm
B5045	Single Ear Hose Clamp 8.7mm/7.5-8.7mm
B5047	Single Ear Hose Clamp 27.0mm/23.3-26.3mm
B5048	Single Ear Hose Clamp 8.0mm/6.8-8mm
B5024	Single Ear Hose Clamp 9.5mm(8.1-9.5mm)

Lighters, Nozzle Cleaners, Spanners and Spindle Keys

Pistol Type Lighter



Stock Code	Description
683001	Pistol Type Lighter x 10
683002	Pistol Flint Renewals

Round Clip Lighter



Stock Code	Description
682001	Round File Cup Lighter x 10
682003	Cup Flint Renewal x 10

Tri-Flint Lighter



Stock Code	Description
681001	Tri-Flint Lighter
681002	Tri-Flint Lighter including 4 replacement flint heads
681003	Tri-Flint Renewal x 10

Metal Box Tip Cleaner



Stock Code	Description
696001	Metal Boxed Tip Cleaner

Combination Spanner



Stock Code	Description
695001	Combination Spanner

Spindle Key



Stock Code	Description
695002	Spindle Key

National and International Standards

Pressure Regulators BS EN ISO 2503 2009, A1:2015

Manufacturing Requirements	✓
Materials	✓
Design Machining and Assembly	✓
Connections	✓
Characteristics	✓
Marking	✓
Manufacturer Instructions	✓

Flashback Arrestors BS EN 730 2002, ISO 5175-1:2002

Design and Materials	✓
Requirements	✓
Tests	✓
Manufacturer Instructions	✓

Hose Assemblies BS EN 1256 2006, EN ISO 3821:2010, EN 730-3:2002

Construction	✓
Operational Criteria	✓
Performance Requirements	✓

Rubber Hose BS EN ISO 3821:2010, EN 9001:2008

Materials	✓
Dimensions and Tolerances	✓
Physical Properties	✓
Requirements	✓
Colour Identification and Marking	✓

Manual Cutting and Welding Blowpipes BS EN ISO 5172 2006, A2:2015

Hose Connections	✓
Material	✓
Marking	✓
Safety and Operational Requirements	✓
Tests	✓
Instructions for Use	✓

FOOT PROTECTION

Parweld's Panther footwear protects the user against typical safety risk whilst providing lasting comfort.

All Parweld footwear is tested and certified to BS EN ISO 20345:2011 SB.

DEFINITIONS

Definition BS EN ISO 20345:2011:

The product must:

- Conform to the Basic Safety Level
- Protect the Wearers Toes Against Mechanical Risk
- Tested with 200 Joules Impact Energy and 15000 Newton's Compression Force.

Joule – A unit of energy equal to the work done when applying a force of 1 Newton through a distance of 1 metre.

Newton – A unit of force equal to the force that produces an acceleration of 1 metre per second on a mass of 1 kilogram.

All Footwear is classified as follows:

CLASS I FOOTWEAR: The upper is produced from material other than rubber or polymeric materials

S1 = Safety Basic + Closed Seat Region + Antistatic + Energy Absorption Of The Seat Region + Fuel Oil Resistant Out-soles

S2 = As S1 Plus: Water Resistance Of The Upper

S3 = As S2 Plus: Penetration Resistance Of The Out sole + Cleated Out-soles

Additional foot protection may be provided and these marking codes identify the protection offered.

Protective Properties	Marking code	Marking Symbol
Penetration Resistance of the Outer-sole	P	
Energy Absorption of the Seat Region	E	
Water Resistance – Resistance to Water Penetration	WR	
Slip Resistance – Ceramic Floor with Sodium Laurel Sulphate Lubricant	SRA	
Slip Resistance – Steel Floor with Glycerol Lubricant	SRB	
Slip Resistance – Footwear Meeting both SRA and SRB Requirements	SRC	
Antistatic – Protection 0.1 to 1000 Mega Ohms Resistance	A	
Uppers – Water Resistant Upper Materials		
Out-soles – Resistance to Fuel Oil		
Out-soles – Heat Resistant	HRO	

PANTHER WELDERS BOOT

Stock Code
P414XX*



FEATURES

- S3 Protection
- WR Water Resistance
- SRC Slip Resistance
- HRO Heat Resistant Outsole
- HI/CI Heat and Cold Resistance
- Resistant to Heat Transfer Through Weld Splashes
- Steel Epoxy Coated Toe Cap
- Stainless Steel Midsole
- Anti-Static
- Welding Specific Upper Design
- Flame Resistant Upper and Thread
- Heel Energy Absorption
- Fuel Oil Resistant Sole
- Closed Seat
- Cleated Out-Sole

STANDARDS

- Tested and Certified to BS EN 20345:2011 and BS EN 20349:2010



***Note:** XX depicts shoe size,
i.e add 09 for size 9, 10 for size 10

HAND PROTECTION

Parweld's range of leather and handling gloves offers the user protection against mechanical hazards such as abrasion, cut resistance tear resistance and puncture resistance.

All Parweld gloves are tested and certified to BS EN 420, BS EN 388, BS EN 407, CE certified and certified by a third party notifying body.

DEFINITIONS

CAT 1: BS EN 420 Simple Design:

The Product Must:

- Protect against minimal risks and can only be used where any gradual increases of risk can be easily identified in advance by the user
- Be identified with CE logo only
- This standard is designed to ensure that the gloves themselves do not cause harm to the wearer and are comfortable to wear. Tests and requirements include the PH and Chrome VI content of leather, plus water vapour transmission and absorption of materials. In addition, procedures to examine the sizing of the glove and its effect on finger dexterity are covered,

plus general requirements for the information to be supplied with and marked on the glove.

CAT 2: Intermediate Design:

The product must:

- Be tested and technically approved by an authorised testing body.
- The CE markings and labelling will consist of the CE mark, the certifying body's approval number, the EN Standard Product it Conforms to, Pictograms and Test performance.
- All Parweld Leather gloves are CAT 2 certified.

BS EN 388 Standard: The product must be tested for the following:

 a b c d The 'mechanical risks' pictogram is accompanied by a 4-digit code.	Test	Min Level	Highest Performance Achievable
	a. Abrasion Resistance	1	4
	b. Blade Cut Resistance	1	5
	c. Tear Resistance	1	4
	d. Puncture Resistance	1	4

BS EN 407 Standard: The product must be tested for the following:

 a b c d e f The 'heat and flame' pictogram is accompanied by a 6-digit number.	Test	Min Level	Highest Performance Achievable
	a. Resistance to Flammability	1	4
	b. Contact Heat Resistance	1	5
	c. Convective Heat Resistance	1	4
	d. Radiant Heat Resistance	1	4
	e. Resistance to Small Splashes of Molten Metal	1	4
	f. Resistance to Large Quantities of Molten Metal	1	4

*A performance level is only shown if a performance level of 3 or 4 is obtained in the flammability test.

FINDING THE CORRECT SIZE

Ordering the right size is important for ensuring the gloves are comfortable and offer the fit for the intended purpose. Tight gloves can promote fatigue, whereas gloves that are too large can impair dexterity. To ensure the best fit please use the sizing chart.

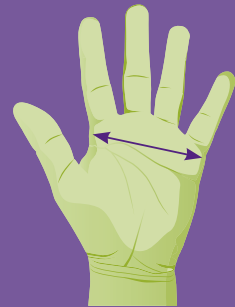
You should always measure the hand you use the most for example if you are right handed measure your right hand using the Guide below to establish your correct size.

Measuring the hand in this way will not guarantee a 100% perfect fit due to all possible variations in hand size.

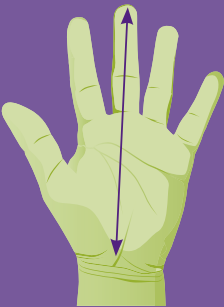
Some workers, for example, may have long fingers, while others will have short fingers.

Workers may find gloves that are one-half or even a full size larger or smaller than the measured hand size fit more comfortably.

It is common to choose a slightly smaller glove when carrying out more dexterous or intricate tasks.



A: Measure around the top of your palm as shown above. Do not include the thumb in this measurement.



B: Measure the tip of the middle finger to the base of the Palm.

	Size	8 (Small)	9 (Medium)	10 (Large)	11 (X Large)
A	Inches	8"	9"	10"	11"
	Cms	20.5cm	23cm	26cm	28.5cm
B	Inches	7"	7.5"	8"	8.5"
	Cms	18.2cm	19.2cm	20.4cm	21.5cm

Use the largest of A and B to denote size.

PANTHER GAUNTLET

COW SPLIT LEATHER

Stock Code P3825

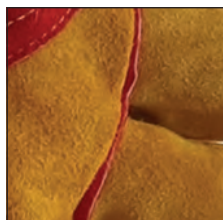
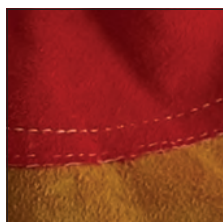
Size 10



4244



313X3X



FEATURES

- Double Kevlar® Stitched
- Reinforced Palm and Thumb
- 'A' Grade Leather
- Minimum Palm Thickness 1.2mm
- Fully Lined and Fully Weltd
- Extra Length Cuff (19cm)

STANDARDS

- BS EN 388:2003
- BS EN 420:2003
- BS EN 12477:2001
- BS EN 407:2004



4244



313X3X

PANTHER FINGERTIP SENSITIVITY TIG GLOVE

GOAT SKIN WITH COW HIDE CUFF

Stock Code P3838

Size 10



1111



41XX2X



FEATURES

- Reinforced Thumb
- Reinforced Wrist Patch
- Extra Long Cuff (15cm)

STANDARDS

- BS EN 388:2003
- BS EN 407:2004
- BS EN 12477:2001
- BS EN 420:2003



1111



41XX2X

PANTHER DRIVERS GLOVE

COW HIDE GRAIN LEATHER

Stock Code P3855

Size 10



4133



FEATURES

- Fully Lined For Extra Comfort
- Key Set Thumb For Extra Movement And Flexibility
- Rolled Hem
- Elasticated Back

STANDARDS

- BS EN 388:2003



4133

PANTHER CANADIAN RIGGER GLOVE

COW SKIN AND COTTON

Stock Code P3805

Size 10



4133

PPE



FEATURES

- Premium Split Cow Skin
- 50mm Reinforced Cuff Incorporating Vein Patch
- Minimum Palm Thickness 1.2mm
- Hi-Viz Strip On Knuckle Protection

STANDARDS

- BS EN 388:2003



4133



WELDERS GAUNTLET

COW SPLIT LEATHER

Stock Code P3820

Size 10

FEATURES

- One Piece Back
- Fully Lined
- Minimum Palm Thickness 1.2mm

STANDARDS

- BS EN 388:2003
- BS EN 407:2004
- BS EN 12477:2001
- BS EN 420:2003



1111



212X1X



TIG GLOVE

GOAT SKIN WITH COW HIDE CUFF

Stock Code P3835

Size 10

FEATURES

- Reinforced Thumb
- Reinforced Wrist Patch
- Extra Long Cuff (15cm)

STANDARDS

- BS EN 388:2003
- BS EN 407:2004
- BS EN 12477:2001
- BS EN 420:2003



1111



212X1X



TIG GLOVE

GOAT SKIN

Stock Code P3830

Size 10

FEATURES

- Extra Long Cuff (15cm)

STANDARDS

- BS EN 388:2004
- BS EN 407:2004
- BS EN 12477:2001
- BS EN 420:2003



1111



212X1X



POWER RIGGER GLOVE (S3)

COW SPLIT LEATHER

Stock Code P3802

Size 10

FEATURES

- Shoulder Split Leather
- Rubberised Cuff
- Elasticated Back
- Fully Lined For Extra Comfort

STANDARDS

- BS EN 388:2003
- BS EN 420:2003



1111



DOUBLE PALM RIGGER GLOVE

COW SPLIT LEATHER

Stock Code P3801

Size 10

FEATURES

- Shoulder Split Leather
- Double Palm Finger and Thumb
- Rubberised Cuff
- Elasticated Back
- Fully Lined For Extra Comfort

STANDARDS

- BS EN 388:2004
- BS EN 420:2003



3242



CUT 5 GLOVE

13G HPPE YARN WITH PU PALM COATING

Stock Code P3845

Sizes 9, 10 and 11

FEATURES

- Enhanced Cut Protection (5)
- Perfect for Handling Hazards Within Industry
- Light Flexible PU Palm Coating
- Knitted Wrist
- Abrasion Resistance

STANDARDS

- BS EN 388:2003



4543



PU GRIPPER GLOVE

PU COATED NYLON 13 G

Stock Code P3860

Size 8, 9, 10 and 11

FEATURES

- Ideal For Light Handling
- P U Coating For Grip And Abrasion Resistance
- Knitted Wrist
- Light Flexible PU Palm Coating

STANDARDS

- BS EN 388:2003



4131

NITRILE GRIPPER GLOVE LITE

NITRILE COATED NYLON 13 G

Stock Code P3870

Size 8, 9, 10 and 11

FEATURES

- Ideal For Light Handling
- Light Flexible Nitrile Palm Coating
- Abrasion Resistance
- Double Density Form Nitrile Coating
- Knitted Wrist
- Oil And Grease Resistance

STANDARDS

- BS EN 388:2003



4121



THERMAL GRIPPER LATEX GLOVE

LATEX

Stock Code P3840

Size 8, 9, 10 and 11

FEATURES

- Ideal For Outdoor And Cold Store Applications
- Textured Latex Palm Coating For Superb Grip
- Ribbed Knitted Wrist
- Brushed Terry Lining For Added Comfort and Warmth
- General Handling
- Knitted Wrist
- Abrasion Resistance

STANDARDS

- BS EN 388:2003



2241

SPARK PROTECTION

Parweld’s safety apparel offers the users protection against hazards in the workplace.

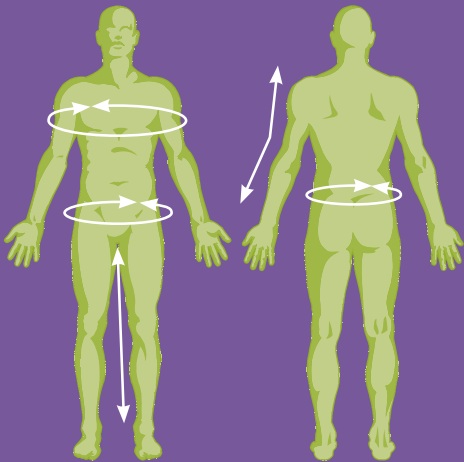
All Parweld’s leather wear is tested and certified to BS EN ISO 11611:2007.

DEFINITIONS

BS EN ISO 11611:2007 Class 1

The product must:

- Offer protection against low level hazardous welding techniques and situations, causing lower levels of spatter and radiant heat.
- Provide adequate protection fit for the intended purpose.
- ISO 11611:2007 specifies minimum basic safety requirements and test methods for protective clothing including hoods, aprons, sleeves and gaiters that are designed to protect the wearer’s body including head (hoods) and feet (gaiters) and that are to be worn during welding and allied processes with comparable risks.
- For the protection of the wearer’s head and feet, ISO 11611:2007 is only applicable to hoods and gaiters.
- ISO 11611:2007 does not cover requirements for hand protection.



HOW TO MEASURE

BS EN 13402

Sleeve

- With your arms in a slightly bent position, measure from the centre of the back of your neck, along the length of your arm to the wrist.

Chest

- Measure around your chest holding the measuring tape under your armpits.

Waist

- Measure around your waist at the narrowest part.

Hip

- Measure around your hips at the widest part.

Inside Leg

- From a standing position, measure from your groin to your ankle.

	Chest	Waist
M	40" – 42" 100cm – 108cm	32" – 34" 80" – 88"
L	44" – 46" 112cm – 116cm	36" – 38" 92cm – 96cm
XL	48" – 50" 120cm – 124cm	40" – 42" 100cm – 108cm
XXL	52" 128cm+	44" – 50" 112cm – 116cm

PANTHER APRON C/W BUCKLE AND TIES

SPLIT COW HIDE

Stock Code P3725

Size 24" x 36" / 65cm x 90cm



FEATURES

- Offers Protection From Sparks and Heat Generated from Welding and Industrial Applications
- Kevlar® Stitched
- Strong Cotton Webbing
- 1.2mm Thick Cow Hide

STANDARDS

- BS EN ISO 11611:2007
- Class 1

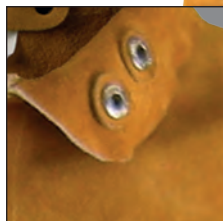
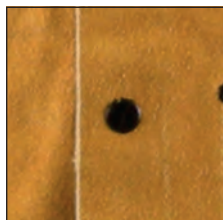
PANTHER LEATHER WELDING JACKET

SPLIT COW HIDE

Stock Code P3788

Sizes M, L, XL and XXL

PPE



FEATURES

- Worn Over Garments To Protect Body and Arms from Sparks and Spatter
- Stand Up Collar
- Adjustable Wrists
- Inside Pocket
- Side Take Up Straps
- Kevlar® Stitched
- 1.2mm Thick Cow Hide

STANDARDS

- BS EN ISO 11611:2007
- Class 1



PANTHER LEATHER SPAT

SPLIT COW HIDE

Stock Code P3745

FEATURES

- Offers Protection for Shoes and Trousers from Sparks and Heat Generated from Welding and Industrial Applications
- 1.2mm Thick Cow Hide

STANDARDS

- BS EN ISO 11611:2007
- Class 1

PANTHER LEATHER SLEEVE

SPLIT COW HIDE

Stock Code P3765

Size 18"/45cm

FEATURES

- Offers Protection for Clothes and Arms from Sparks and Heat Generated from Welding and Industrial Applications
- Kevlar® Stitched
- Superior Quality Split Leather
- Elasticised At Both Ends
- 1.2mm Thick Cow Hide

STANDARDS

- BS EN ISO 11611:2007
- Class 1



RED APRON C/W BUCKLE AND TIES

LEATHER

Stock Code P3720

Size 24" x 36"/65cm x 90cm

FEATURES

- Heavy Duty Leather Apron with Reinforced Ties
- Offers Protection from Sparks and Heat Generated from Welding and Industrial Applications

STANDARDS

- BS EN ISO 11611:2007
- Class 1

RED WELDING JACKET

LEATHER

Stock Code P3780

Sizes M, L, XL and XXL

FEATURES

- Worn Over Garments to Protect Body and Arms from Sparks and Spatter
- Velcro and Stud Fastening
- Protective Flap for Fasteners

STANDARDS

- BS EN ISO 11611:2007
- Class 1

RED SLEEVE – 18"/45CM

LEATHER

Stock Code P3760

Size 18"/45cm

FEATURES

- Offers Protection for Clothes and Arms from Sparks and Heat Generated from Welding and Industrial Applications
- Elasticised Cuff

STANDARDS

- BS EN ISO 11611:2007
- Class 1

HAZARD PROTECTION

Parweld's range of welding blankets and curtains protect the user from accidents caused by welding sparks.

All Parweld welding blankets conform to BS EN 1869:1997

DEFINITIONS

BS EN ISO 1869:1997

The product must:

Protect workers whilst having the added benefit of shielding flammable materials, machinery, vehicles and plant and equipment from molten metal globules, spatter, etc.

Parweld welding blankets are reusable dependent upon the application.

Parweld's welding curtains can be used to isolate an area offering protection to workers working outside of the welding area from welding sparks, UV/IR light welding spatter by creating a moveable welding bay.

Parweld's safety apparel offers the users protection against the hazards in the workplace.



GREEN PVC WELDING CURTAIN

UV STABILISED / PVC

Stock Code

P3646G Size 4' x 6' / 1.2m x 1.8m

P3666G Size 6' x 6' / 1.8m x 1.8m

P3886G Size 8' x 6' / 2.4m x 1.8m

P3610 Curtain Rings

FEATURES

- Low visibility dark green PVC welding curtain for MIG and TIG Welding
- Supplied with eyelets on 4 sides

STANDARDS

- BS EN ISO 25980:2014

ORANGE PVC WELDING CURTAIN

UV STABILIZED / PVC

Stock Code

P3646O Size 4' x 6' / 1.2m x 1.8m

P3666O Size 6' x 6' / 1.8m x 1.8m

P3886O Size 8' x 6' / 2.4m x 1.8m

P3610 Curtain Rings

FEATURES

- Low visibility orange PVC welding curtain for MIG and TIG Welding
- Supplied with eyelets on 4 sides

STANDARDS

- BS EN ISO 25980:2014

GREEN CANVAS WELDING CURTAIN

CANVAS

Stock Code

P3646CG Size 4' x 6' / 1.2m x 1.8m

P3666CG Size 6' x 6' / 1.8m x 1.8m

P3886CG Size 8' x 6' / 2.4m x 1.8m

P3610 Curtain Rings

FEATURES

- Low visibility dark green Canvas welding curtain for MIG and TIG Welding
- Supplied with eyelets on 4 sides

STANDARDS

- BS EN ISO 25980:2014



STEEL FRAME

Stock Code

P3666FR Size 6' x 6' / 1.8m x 1.8m

P3886FR Size 8' x 6' / 2.4m x 1.8m

FR-EXT Steel Frame Extension
2ft/0.6m

FEATURES

- Modular construction, can be extended from 6ft/1.8m to 8ft/2.4m
- Supplied without curtain
- Free Standing



WELDING BLANKET / ROLL 600°C

WOVEN GLASS FIBRE WITH
THERMAL TREATMENT

Stock Code

P3630 50m x 1m

P3621 2000mm x 1000mm

P3622 2000mm x 2000mm

P3623 3000mm x 2000mm

FEATURES

- Provides Protection from Sparks and Weld Spatter
- Heat Resistant Up To 600°C
- 430G/Sq M

STANDARDS

- BS EN 1869:1997



WELDING BLANKET / ROLL 1000°C

WOVEN GLASS FIBRE WITH
THERMAL TREATMENT

Stock Code

P3631 Size 50m x 1m

P3624 2000mm x 1000mm

P3625 2000mm x 2000mm

FEATURES

- Provides Protection from Sparks and Weld Spatter
- Heat Resistant Up To 1000°C
- 880G/Sq M

STANDARDS

- BS EN 1869:1997

FLAME PROTECTION

Parweld's range of Flame Retardant apparel protects the user in situations where they are likely to be exposed to heat / or flame.

All Parweld Flame Retardant (FR) apparel is tested and certified to EN 531 and EN 470.

DEFINITION

BS EN 11612:2008

The product must:

- Offer protection against brief contact with heat and flame.
The heat can be convective, radiant, molten material, or a combination thereof:

The garment is classified for the following parameters:

- (A) Limited Flame Spread
- (B) Convective Heat, a scale of 1-5 where 5 is the highest
- (C) Radiant Heat, Scale 1-4, where 4 is the highest



BS EN 11611:2007

The product must:

- Offer protection against small splashes of molten metal, and brief contact with flame. The garments certified to this standard are suitable for use in welding and allied processes.
- The garments are tested to withstand at least 15 drops of molten metal, and have a maximum temperature rise of 40°C on the back of the fabric. The test includes limited flame spread.



FLAME RETARDANT HOOD

**335G 100% COTTON FABRIC WITH
FLAME RETARDANT TREATMENT**

Stock Code P3940

FEATURES

- Front Fastening
- Adjustable
- Lined Hood
- Navy Blue

STANDARDS

- BS EN 11612:2008
- BS EN 1161:2007
- BS EN ISO 14116:2008



A1 B1 C1

EVERYDAY FLAME RETARDANT HOOD

**335g 100% COTTON FABRIC WITH
FLAME RETARDANT TREATMENT**

Stock Code P3942

FEATURES

- Front Fastening
- Adjustable
- Navy Blue

STANDARDS

- BS EN 11612:2008
- BS EN 1161:2007
- BS EN ISO 14116:2008



A1 B1 C1



FLAME RETARDANT HOOD LONG

**335g 100% COTTON FABRIC WITH
FLAME RETARDANT TREATMENT**

Stock Code P3950

FEATURES

- Front Fastening
- Adjustable
- Lined Hood
- Longer Cape
- Navy Blue

STANDARDS

- BS EN 11612:2008
- BS EN 1161:2007
- BS EN ISO 14116:2008



A1 B1 C1

EYE PROTECTION

Parweld's range of protective eye wear offers the user a lightweight range whilst ensuring maximum comfort and safety.

Features include a moulded nose bridge, fully seamless and soft grips.

All eye wear and visors are certified to BS EN 166 tested.

DEFINITION

BS EN 166:2002

The product must:

- Conform to the correct mechanical strength
- The correct use and optical performance
- All Parweld eye wear is impact rated F and Optical Class 1

Eye Protector	Increased Robustness Impact Velocity 12m/s	Low Energy Impact Velocity 45 m/s	Medium Energy Impact Velocity 120 m/s	High Energy Impact Velocity 190 m/s
Spectacles	✓	✓	X	X
Goggles	✓	✓	✓	X
Face Shield	✓	✓	✓	✓
Classification (symbol of lens)	S	F	B	A
Classification (symbol on frame)		F	B	A

Eye Protector	Liquid Droplets and Splashes	Large Dust Particles	Gas and Fine Dust Particles	Molten Metal and Hot Solids	Optical Performance
Spectacles	X	X	X	X	1
Goggles	✓	✓	✓	✓	1
Face Shield	✓	X	X	✓	1
Classification (symbol of lens)				9	
Classification (symbol on frame)	3	4	5	9	

WRAP AROUND SAFETY SPECTACLE

BLACK NYLON FRAME POLYCARBONATE LENS

Stock Code

P3400 – Clear

P3400A – Amber

P3400S – Smoked



FEATURES

- Optical Class 1
- Low Profile
- Wrap Around Sports Design
- Moulded Nose Bridge
- Comfortable Flexible Frame
- 99.9% UV Protection

STANDARDS

- BS EN166:2002 1F

SPORTS STYLE SPECTACLE

NYLON FRAME WITH METALLIC PAINT /
CLEAR POLYCARBONATE LENS

Stock Code P3442/RS – Red, P3442 – Blue



FEATURES

- Optical Class 1
- Low Profile
- Panoramic Vision
- Cushioned Side Arms
- Moulded Nose Bridge
- Lightweight
- 99.9% UV Protection
- Supplied With Neck Cord

STANDARDS

- BS EN166:2002 1F



CLEAR VISITOR SPECTACLES

CLEAR POLYCARBONATE FRAME AND LENS

Stock Code P3430

FEATURES

- Optical Class 1 • Vented Side Shields • Lightweight Polycarbonate Lens • Can be Worn Over Prescription Spectacles

STANDARDS

- Conforms to BS EN 166:2002 1FT



PANORAMIC SAFETY GOGGLE DIRECT

PVC

Stock Code P3300D

FEATURES

- Designed for Impact Protection
- Clear PVC Frame With Direct Ventilation • Can be Worn Over Prescription Spectacles
- Adjustable Strap

STANDARDS

- Conforms to BS EN 166:2002 1-49BT



CLEAR SAFETY SPECTACLE

BLACK NYLON FRAME CLEAR POLYCARBONATE LENS

Stock Code P3420

FEATURES

- Optical Class 1 • Black Nylon Frame with Internal Brow Guard
- Panoramic Vision • Adjustable Arms • Non-Slip Nose Piece

STANDARDS

- Conforms to BS EN 166:2002 1FT



CLEAR SKI GOGGLE

POLYCARBONATE LENS PVC SEAL

Stock Code P3305

FEATURES

- Optical Class 1 • Soft PVC Seal For Comfort • Impact Rating B • Indirect Ventilation
- Lightweight • Can be Worn Over Prescription Spectacles
- Adjustable Strap

STANDARDS

- Conforms to BS EN 166:2002 1B



NYLON BLACK FRAME SPECTACLE

NYLON FRAME POLYCARBONATE LENS

Stock Code P3410, P3410A, P3410S

FEATURES

- Optical Class 1 • Low Profile, Panoramic Vision • Wrap Around Sports Design
- Cushioned Side Arms
- Anti-Scratch • Adjustable Side Arms • Supplied with Neck Cord

STANDARDS

- Conforms to BS EN 166:2002 1FT



41/4" X 2" (108mm X 50mm) FLIP UP WELDING GOGGLE

Stock Code P3390

Size 41/4" x 2"
(108mm x 50mm)

FEATURES

- One Piece Goggle with Soft Moulded Body • Flip Front Design • Indirect Vent PVC Housing • Clear and Shade 5 Lens

STANDARDS

- BS EN 166:2002, BS EN 175:1997 and BS EN 169:2002



SKI TYPE WELDING GOGGLE

PVC

Stock Code P3310

FEATURES

- One Piece Goggle With Soft Moulded Body • Spatter Resistant Acetate Lens • Wide Vision • Shade 5 Lens

STANDARDS

- BS EN 166:2002, and BS EN 169:2002



ROUND LENS FLIP UP WELDING GOGGLE

PVC

Stock Code P3330

FEATURES

- One Piece Goggle with Soft Moulded Body • Flip Front Design • Indirect Vent PVC Housing • 50mm Polycarbonate Lens • Clear and Shade 5 Lens

STANDARDS

- BS EN 166:2002, BS EN 175:1997 and BS EN 169:2002



PANORAMIC SAFETY GOGGLE INDIRECT

PVC

Stock Code P3300

FEATURES

- Designed for Impact Protection
- Clear PVC Frame with Indirect Ventilation • Can be Worn Over Prescription Spectacles
- Adjustable Strap

STANDARDS

- BS EN 166-1-49BT



SHADE 3 VISOR

Stock Code P3260-3

Size 8" x 12"

STANDARDS

- BS EN 166:2002 IB, and BS EN 169:2002



SHADE 5 VISOR

Stock Code P3260-5

Size 8" x 12"

STANDARDS

- BS EN 166:2002 IB, and BS EN 169:2002



CLEAR VISOR

Stock Code P3261

Size 8" x 15½"

STANDARDS

- BS EN 166:2002 1B



SHADE 5 VISOR

Stock Code P3261-5

Size 8" x 15½"

STANDARDS

- BS EN 166:2002 1B, and
BS EN 169:2002



VISOR CARRIER WITH POSTS

Stock Code P3263

For use with a Hard Hat



BROWGUARD C/W HEADGEAR

Stock Code P3266

RESPIRATORY PROTECTION

Parweld's range of respirators protects the user from environmental risk against solids, as well as water and oil based aerosols.

All Parweld respirators are certified to BS EN 149:2001 and CE certified.

Parweld moulded FFP masks have been designed with a preformed nose bridge and reinforcement strip providing a comfortable fit which eliminates the need for constant adjustment.

All masks are fitted with a one way exhaust valve to minimise breathing resistance.

DEFINITION

BS EN 149:2001

There are three classes of protection detailed in EN149:2001:

- **FFP1, FFP2 & FFP3 and filtering face pieces** are classified according to filter efficiency.

FFP1	Low Efficiency	Protection Factor 4
FFP2	Medium Efficiency	Protection Factor 10
FFP3	High Efficiency	Protection Factor 20



FFP1 MOULDED DUST RESPIRATOR WITH EXHALATION VALVE

Stock Code P3110V

FEATURES

- Respiratory Protection Against Non Toxic Dusts and Powders
- Includes an Exhalation Valve to Allow Exhaled Air to be Vented From the Mask Without Compromising Protection
- Protection Factor 4
- Adjustable Head Straps and Nose Piece

STANDARDS

- BS EN 149:2001



FFP2 MOULDED DUST/MIST RESPIRATOR WITH EXHALATION VALVE

Stock Code P3121V

FEATURES

- Respiratory Protection Against Low To Average Toxic Dusts and Powders
- Includes an Exhalation Valve to Allow Exhaled Air to be Vented From the Mask Without Compromising Protection
- Protection Factor 10
- Adjustable Head Straps and Nose Piece

STANDARDS

- BS EN 149:2001



FFP2 MOULDED ACTIVE CARBON RESPIRATOR C/W EXHALATION VALVE

Stock Code P3122V

FEATURES

- Respiratory Protection Against Low to Average Toxicity Dust and Powders
- Respiratory Protection For Fine Particles With Active Carbon Layer Offering Relief From Ozone and Low Levels Of Gases and Vapours Below OEL Limits
- Includes an Exhalation Valve to Allow Exhaled Air to be Vented From the Mask Without Compromising Protection
- Protection Factor 10
- Adjustable Head Straps and Nose Piece

STANDARDS

- BS EN 149:2001

FFP3 MOULDED DUST/MIST/FUME RESPIRATOR WITH EXHALATION VALVE

Stock Code P3130V

FEATURES

- Respiratory Protection Against Highly Toxic Dusts and Powders
- Respiratory Protection for Fine Particles with Active Carbon Layer Offering Relief from Ozone and Low Level of Gases and Vapour Below OEL Limits
- Includes an Exhalation Valve to Allow Exhaled Air to be Vented From the Mask Without Compromising Protection
- Protection Factor 20
- Adjustable Head Straps and Nose Piece

STANDARDS

- BS EN 149:2001



FOAM EAR PLUG

Stock Code P3500

FEATURES

- Cylindrical Soft Foam, Compress To Fit, Disposable Ear Plug
- Designed To Provide The Ultimate In Comfort, SNR = 37db

STANDARDS

- BS EN 352-2:2002



EAR DEFENDER

Stock Code P3590

FEATURES

- Comfortable Noise Reducing Ear Defender
- General Purpose Adjustable Headband
- SNR = 24db

STANDARDS

- BS EN 352-1:2002

NEW XR936A AIR RESPIRATORY SYSTEM

Stock Code XR936A



FEATURES

- Portable and Lightweight
- Protects Against Dust Particles, Solid and Liquid Aerosols and Smoke
- Constant Filtered Air Flow
- Lightweight Li-ion Removable Battery
- DIN5-13
- Audible, Visible and Vibration Warning Alarms for Low Power, Low Air-flow and Blocked Filter
- Variable Sensitivity
- Grinding Mode
- Variable Lightening Delay Settings
- Full Face Coverage
- Automatic Power On/Off
- UV/IR Protection up to shade DIN 16
- 24 Months Warranty (6 Months on Battery)
- Conforms to BE EN 12941 TH2P R SL
- BS EN 379:2003+A1:2009
- BS EN 175:1997
- BS EN 12941:1998+A2:2008

The Parweld XR936A combines a Light Reactive Parweld Welding Helmet with a clean air respiratory unit to provide the user with added protection against welding fume, dust particles and aerosols.

TECHNICAL DATA

Air Flow Range	150 – 220 l/min
Weight of Power Unit including Filter and Battery	920g
Protection and Noise Level	TH2 P, NPF 20, 65db
Regulated Airflow	8 Speed Adjustable
Minimum Welding Amperage Required	5A
Battery Life Expectancy	350 charging cycles
One Charging Cycle	3 to 4 hours
Operating Time of Battery After One Charging (dependant on filter condition and air flow speed)	6 to 8 hours
Belt Size	80 to 100cm
Recommended Working Temperature	0° to 40°C
Recommended Working Humidity	20 to 80% RH
Alarms	Audible, Visible and Vibration
Filter Type	PRSL

SPARES INFORMATION

Stock Code	Description
XR936A	Air Respiratory System complete with Welding and Grinding Helmet
XR260	Face Seal
XR261	Headgear and Airduct Assembly
XR262	Hose and Cover Assembly
XR264	Belt
XR265	Charger
XR266	Battery
XR267	Filter
XR268	Pre-Filter
XR280	Helmet and Face Seal
XR263	Blower without Helmet

Clean Air Unit

The Parweld powered air purifying respirator (PAPR) provides a steady stream of clean air into the welding mask.

The air is fed into the helmet above the welder's head and exits below the chin.

The air stream combined with the positive pressure created within the helmet prevents contaminated air entering the breathing zone.

Portable and Lightweight

The main unit and battery pack are carried by the user on a support belt around the waist, which is connected to the welding helmet by a lightweight hose.

Adjustable Air Flow

The air flow rate can be adjusted from 150 to 220lpm by means of a push button panel with led indication. In the event of a flow rate falling below the minimum required level to give protection the blower unit will automatically increase the fan speed to compensate. If the minimum flow rate cannot be achieved then an alarm will sound so that the operator can leave the work area safely, if the first alarm is ignored the unit will then start to vibrate and increase the volume of the alarm.

The Li-ion battery pack is rechargeable and will operate from 6 to 8 hours continuously, dependant on operational mode.

Filters and Pre-Filters

The XR936A uses a 2 stage filter process, the main P3 filter gives the required essential isolation against welding particles, smoke and dust providing the user with a protection factor of 20.

The standard filter can be complemented with a pre filter which removes large dust particles and so extends the life of the main filter.

Conforms to International Standards

The XR936A Air Flow System is independently certified to BS EN 12941:TH2P R SL.

The XR936H Light Reactive Welding and Grinding Helmet is independently certified to BS EN 379:2003+A1:2009, BS EN 175:1997.

See page before

XR936H LARGE VIEW LIGHT REACTIVE WELDING AND GRINDING HELMET

Stock Code XR936H

PPE



FEATURES

- Slim and Lightweight
- Automatic Light Adjustment From Light to Dark in 1/30,000th of a Second
- Shade Control from DIN5-13
- Variable Sensitivity
- Grinding Mode
- Variable Delay
- Viewing Area 100mm x 52mm / 3.94" x 2.05"

- Full Face Coverage
- Suitable for TIG Welding
- Automatic Power On/Off
- Battery Life Expectancy 6 Years
- UV/IR Protection up to shade DIN 16
- Confirms to CE and BS EN 379:2003+AI:2009, BS EN 175:1997, EN 166:2002
- 24 Months Warranty

Arc welding generates visible light, infrared and ultra violet radiation, which can damage eyes and skin. **The Parweld XR936H Large View Light Reactive Welding Helmet** offers the latest innovative protection for the welder.

TECHNICAL DATA

Viewing Area	100 x 52mm / 3.94" x 2.05"
Cartridge Size	110mm x 90mm / 4.33" x 3.54"
UV/IR Protection	Permanent Shade DIN16
Light State	DIN Shade 4
Dark State	DIN Shade 5 to 13 Variable
Power Supply	Solar cells with replaceable batteries
Power On/Off	Fully Automatic
Switching Time Light to Dark	1/30,000 seconds
Dark to Light	0.1-1.0 seconds (Internal variable)
Operating Temp	-10 C to +60 C (14 F to 140 F)
Storage Temp	-20°C to +70°C (-4°F to -158°F)
Helmet Material	High Impact Polyamide Nylon
Total Weight	535g
Minimum Amperage Required	5A

SPARES INFORMATION

Stock Code	Description
XR936H	Large View Light Reactive Welding and Grinding Helmet
XR936H/BL	Large View Light Reactive Helmet - Blue
XR936H/E	Large View Light Reactive Helmet - Eagle
XR936H/F	Large View Light Reactive Helmet - Flame
XR936H/R	Large View Light Reactive Helmet - Red
XR720	Front Cover Lens
XR360	Auto Darkening Filter Cartridge
XR730	Inside Cover Lens
XR770	Sweat Band
XR740	Adjustable Headband

Moulded Construction

The XR936H is both slim and lightweight in construction. Manufactured from a high impact polyamide nylon material which ensures the helmet provides high levels of comfort and durability. The metallic paint finish ensures maximum heat reflection.

Full Face Coverage

A curved design with a clear spatter shield over the optics provides maximum clarity. The helmet is fully adjustable to suit all head and body types. Features full neck coverage, locking headgear and automatic power on/off switch.

Fast Switching

The auto on, auto darkening, wide view lens switches from light to dark in 1/30,000th of a second and offers continuous eye protection against UV and IR radiation, even when the lens is in the light state mode.

The grinding switch is conveniently located on the outside of the helmet. The switch locks the filter in the light state (Shade 4) to enable the helmet to be used as a grinding visor.

Solar Powered

The helmet is powered by a solar cell with replaceable backup batteries.

Filters

The welding filter has 4 sensors that react independently as the welding arc is struck enabling the almost instantaneous darkening of the filter.

The switching sensitivity knob is located on the inside of the helmet and allows the helmet to be tuned to work in different ambient light levels.

All Parweld filters have a Shade 4 light state, ideal for welding preparation.

Conforms to European Standards

The XR936H Light Reactive Helmet is independently certified to BS EN 379 and BS EN 175, EN 166, BS EN 379:2003+A1:2009, BS EN 175:1997, BS EN 166:2002.

XR935H EVERYDAY LIGHT REACTIVE WELDING AND GRINDING HELMET

Stock Code XR935H

PPE



FEATURES

- Slim and Lightweight
- Automatic Light Adjustment From Light to Dark in 1/30,000th of a Second
- Shade Control from DIN9-13
- Variable Sensitivity
- Grinding Mode
- Variable Delay
- Viewing Area 100mm x 41mm / 3.94" x 1.62"
- Full Face Coverage
- Automatic Power On/Off
- Built in Battery
- Adjustable Headgear
- Ergonomically Balanced to Increase Comfort
- UV/IR Protection up to shade DIN 16
- Confirms to CE and BS EN 379:2003+A1:2009, BS EN 175:1997, BS EN 166:2002
- 12 Months Warranty

Arc welding generates visible light, infrared and ultra violet radiation, which can damage eyes and skin. **The Parweld XR935H** Light Reactive Welding Helmet offers the latest innovative protection for the welder.

TECHNICAL DATA

Viewing Area	100mm x 41mm / 3.94" x 1.62"
Cartridge Size	110mm x 90mm / 4.33" x 3.54"
UV/IR Protection	Permanent Shade DIN16
Light State	DIN Shade 4
Dark State	DIN Shade 9 to 13 Variable
Power Supply	Solar cells with built in battery
Power On/Off	Fully Automatic
Switching Time Light to Dark	1/30,000 seconds
Dark to Light	0.1-1.0 seconds (Internal variable)
Operating Temp	-10 C to +60 C (14 F to 140 F)
Storage Temp	-20°C to +70°C (-4°F to -158°F)
Helmet Material	High Impact Polyamide Nylon
Total Weight	466g
Minimum Amperage Required	10A

SPARES INFORMATION

Stock Code	Description
XR935H	Everyday Light Reactive Welding and Grinding Helmet
XR320	Front Cover Lens
XR550	Auto Darkening Filter Cartridge
XR330	Inside Cover Lens
XR370	Sweat Band
XR340	Adjustable Headband

Moulded Construction

The XR935H is both slim and lightweight in construction. Manufactured from a high impact polyamide nylon material which ensures the helmet provides high levels of comfort and durability.

Full Face Coverage

A curved design with a clear spatter shield over the optics provides maximum clarity. The helmet is fully adjustable to suit all head and body types. Features full neck coverage, locking headgear and automatic power on/off switch.

Fast Switching

The auto on, auto darkening, wide view lens switches from light to dark in 1/30,000th of a second and offers continuous eye protection against UV and IR radiation, even when the lens is in the light state mode.

The grinding switch is conveniently located on the outside of the helmet. The switch locks the filter in the light state (Shade 4) to enable the helmet to be used as a grinding visor.

Solar Powered

The helmet is powered by a solar cell, there is no need for external batteries or cables. Internal battery life expectancy is 6 years.

Filters

The welding filter has 2 sensors that react independently as the welding arc is struck enabling the almost instantaneous darkening of the filter.

The switching sensitivity knob is located on the inside of the helmet and allows the helmet to be tuned to work in different ambient light levels.

All Parweld filters have a Shade 4 light state, ideal for welding preparation.

Conforms to European Standards

The XR935H Light Reactive Helmet is independently certified to BS EN 379 and BS EN 175, EN 166, BS EN 379:2003+A1:2009, BS EN 175:1997, BS EN 166:2002.

STANDARD GLASS FILTER LENSES

Designed for use with welding helmets to protect the users eyes.
Should always be used in conjunction with a clear cover lens.



Size **4¼" x 2" / 108mm x 50mm**

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0850	Shade 8
LS0950	Shade 9
LS1050	Shade 10
LS1150	Shade 11
LS1250	Shade 12
LS1350	Shade 13



Size **4¼" x 3¼" / 108mm x 82mm**

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0882	Shade 8
LS0982	Shade 9
LS1082	Shade 10
LS1182	Shade 11
LS1282	Shade 12
LS1382	Shade 13



Size **5¼" x 4½" / 133mm x 114mm**

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0813	Shade 8
LS0913	Shade 9
LS1013	Shade 10
LS1113	Shade 11
LS1213	Shade 12
LS1313	Shade 13



Size **110mm x 55mm**

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0855	Shade 8
LS0955	Shade 9
LS1055	Shade 10
LS1155	Shade 11
LS1255	Shade 12
LS1355	Shade 13



Size 110mm x 60mm

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0860	Shade 8
LS0960	Shade 9
LS1060	Shade 10
LS1160	Shade 11
LS1260	Shade 12
LS1360	Shade 13



Size 110mm x 90mm

STANDARD BS EN 169:2002, BS EN 166:2002

Stock Code	Shade
LS0890	Shade 8
LS0990	Shade 9
LS1090	Shade 10
LS1190	Shade 11
LS1290	Shade 12
LS1390	Shade 13

Clear CR39 Cover Lens

Designed for use with welding helmets to protect the filter lens from spatter.

STANDARD BS EN 166:2002 1S

Stock Code	Size
LCR3950	4¼ x 2" / 108 x 50mm
LCR3982	4¼ x 3¼" / 108 x 82mm
LCR3933	5¼ x 4½" / 133 x 114mm

Clear Polycarbonate Cover Lens

Designed for use with welding helmets to protect the filter lens from spatter.

STANDARD BS EN 166:2002

Stock Code	Size
LP0050	4¼ x 2" / 108 x 50mm
LP0060	110 x 60mm
LP0082	4¼ x 3¼" / 108 x 82mm
LP0082	5½ x 4¼" / 133 x 114mm

Diopeter Lens

4¼" and 2"/108mm and 50mm.

STANDARD BS EN 166:2002 1F

Stock Code	Magnification
LD1050	1.0
LD1550	1.5
LD2050	2.0
LD2550	2.5
LD3050	3.0

Clear Glass Cover Lens

Designed for use with welding helmets to protect the filter lens from spatter.

STANDARD BS EN 166:2002 1

Stock Code	Size
LC0050	4¼ x 2" / 108 x 50mm
LC0082	4¼ x 3¼" / 108 x 82mm
LC1055	110 x 55mm
LC0133	5½ x 4¼" / 133 x 114mm
LC1060	110 x 60mm
LC1090	110 x 90mm

Cable Plugs and Sockets – EN60974-12



Murex Type CC17 Plug

Stock Code	Cable Size	Length	Max Amps
651001	70mm ²	175mm	400A



Murex Type CC18 Socket

Stock Code	Cable Size	Length	Max Amps
651002	70mm ²	150mm	400A



Wescol/Butcher Brothers Plug

Stock Code	Cable Size	Length	Max Amps
651003	70mm ²	164mm	450A



Wescol/Butcher Brothers Socket

Stock Code	Cable Size	Length	Max Amps
651004	70mm ²	155mm	450A



Dinse Cable Plug

Stock Code	Cable Size	Length	Max Amps
CP10-25	10-25mm ²	65mm	150A
CP35-50	35-50mm ²	105mm	315A
CP50-70	50-70mm ²	110mm	400A
CP70-95	70-95mm ²	110mm	500A



Dinse Cable Socket

Stock Code	Cable Size	Length	Max Amps
CS10-25	10-25mm ²	65mm	200A
CS35-50	35-50mm ²	105mm	315A
CS50-70	50-70mm ²	110mm	400A
CS70-95	70-95mm ²	110mm	500A



Dinse Panel Mounted Plug

Stock Code	Cable Size	Max Amps	Panel Cut Out	Outer Diameter
PP10-25	10-25mm ²	200A	20mm	32mm
PP35-50	35-50mm ²	315A	30mm	42mm
PP50-70	50-70mm ²	400A	30mm	42mm
PP70-95	70-95mm ²	500A	30mm	42mm

FEATURES

- Designed to Connect Cables to the Power Source
- Push and Twist Design
- Foolproof Locking System



Dinse Panel Mounted Socket

Stock Code	Cable Size	Max Amps	Panel Cut Out	Outer Diameter
PS10-25	10-25mm ²	200A	20mm	32mm
PS35-50	35-50mm ²	315A	30mm	42mm
PS50-70	50-70mm ²	400A	30mm	42mm
PS70-95	70-95mm ²	500A	30mm	42mm

Earth Clamps – CE BS 638-5



200A Crocodile Earth Clamp

Stock Code	Cable Size	Max Amps	Duty Cycle
661200	25mm ²	200A	35%



400A Crocodile Earth Clamp

Stock Code	Cable Size	Max Amps	Duty Cycle
661400	70mm ²	400A	35%



400A Cast Steel Screw Type Earth Clamp

Stock Code	Cable Size	Max Amps	Duty Cycle
662400	95mm ²	400A	35%



600A Cast Brass Screw Type Earth Clamp

Stock Code	Cable Size	Max Amps	Duty Cycle
662600	95mm ²	600A	35%



700A All Brass Screw Type Earth Clamp

Stock Code	Cable Size	Max Amps	Duty Cycle
662700	95mm ²	700A	35%

Electrode Holders – CE EN 60974-11



400A Electrode Holder – Yellow

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
655400-2	50mm ²	400A	35%	5mm ²



600A Electrode Holder – Yellow

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
655600-2	70mm ²	600A	35%	6.3mm ²



400A Murex Electrode Holder

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
656400	50mm ²	400A	35%	5mm ²



200A Crocodile Electrode Holder

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
653200	25mm ²	200A	35%	3.2mm ²



400A Crocodile Electrode Holder

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
653400	50mm ²	400A	35%	8mm



600A Crocodile Electrode Holder

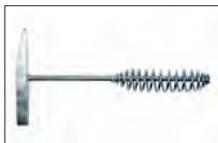
Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
653600	75mm ²	600A	35%	10mm



Optimum Electrode Holder

Stock Code	Cable Size	Max Amps	Duty Cycle	Max Electrode
653300-1	35mm ²	300A	35%	4mm
653400-1	50mm ²	400A	35%	5mm

Chipping Hammers/Reel Hub Assembly



Spring Handle Chipping Hammer

Stock Code	Description	Length	Weight
671001	Spring Handled Chipping Hammer	265mm	290gms



Steel Handle Chipping Hammer

Stock Code	Description	Length	Weight
672001	Steel Handled Chipping Hammer	295mm	380gms



Large Wooden Handle Hammer

Stock Code	Description	Length	Weight
673001	Large Wooden Handle Hammer	285mm	550gms



Reel Hub Assembly

Stock Code	Description
807001	Reel Hub Assembly

MIG Pliers



Everyday Multipurpose MIG Pliers

Stock Code	Description	Nozzle Diameter
E808000	Everyday Multipurpose MIG Pliers	12-15mm



Multipurpose MIG Pliers

Stock Code	Description	Nozzle Diameter
808001	Multipurpose MIG Pliers	12-15mm
808002	Multipurpose MIG Pliers	15-18mm

Arc Air Gouging

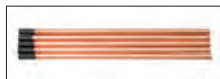


Arc Air Gouging Torch

Stock Code	Description	Max Amps
GTK4000	1000A Arc Air Gouging Torch	1000A

FEATURES

- 1000A Max Gouging Torch
- 360° Swivel Head Assembly
- Natural 15° Head Angle
- Suits 4.0mm to 9.5mm Round Carbons
- Suits 9.5mm – 15.9mm Flat Carbons
- 2.1M Long Reinforced Rubber Cable
- Rugged Construction with Ergo Grip Handle
- Air Pressure 80 PSI



Arc Air Gouging Carbons

Stock Code	Description	Size	Pack Qty
AGC 5/32 x 12"	Arc Air Gouging Carbons Round	4mm / 5/32"	50
AGC 3/16 x 12"	Arc Air Gouging Carbons Round	5mm / 3/16"	50
AGC 1/4 x 12"	Arc Air Gouging Carbons Round	6mm / 1/4"	50
AGC 5/16 x 12"	Arc Air Gouging Carbons Round	8mm / 5/16"	50
AGC 3/8 x 12"	Arc Air Gouging Carbons Round	10mm / 3/8"	50
AGC 1/2 x 12"	Arc Air Gouging Carbons Round	13mm / 1/2"	50



Arc Air Jointed Carbons

Stock Code	Description	Size	Pack Qty
AGCJ 5/16 x 17"	Arc Air Jointed Carbons 430mm	8mm / 5/16"	50
AGCJ 3/8 x 17"	Arc Air Jointed Carbons 430mm	10mm / 3/8"	50
AGCJ 1/2 x 17"	Arc Air Jointed Carbons 430mm	13mm / 1/2"	50
AGCJ 5/8 x 17"	Arc Air Jointed Carbons 430mm	16mm / 5/8"	50
AGCJ 3/4 x 17"	Arc Air Jointed Carbons 430mm	19mm / 3/4"	50

French Chalk



French Chalk Holder & Chalk

Stock Code	Description
684001	French Chalk Holder & Chalk
684003	French Chalk Flat 125mm x 12mm x 5mm

Hose Connections and Fittings



Cable Lug

Stock Code	Description
691025	Lug – Reusable 25mm ² 200A
691035	Lug – Reusable 35mm ² 300A
691050	Lug – Reusable 50mm ² 400A
691070	Lug – Reusable 70mm ² 600A
692050	Lug – Reusable 50/70mm ² 400A
692070	Lug – Reusable 75/95mm ² 600A



Copper Crimp Lug

Stock Code	Description
CT25-10	Crimp Lug 16-25mm with 10mm Lug
CT50-12	Crimp Lug 35-50mm with 12mm Lug
CT50-16	Crimp Lug 35-50mm with 16mm Lug
CT70-12	Crimp Lug 50-70mm with 12mm Lug
CT70-16	Crimp Lug 50-70mm with 16mm Lug

Wire Brushes



Stainless Steel Wire Brush

Stock Code	Description
SS2W	2 Rows Wide 16 Deep Stainless Steel, Wooden Handle
SS3W	3 Rows Wide 16 Deep Stainless Steel, Wooden Handle
SS4W	4 Rows Wide 16 Deep Stainless Steel, Wooden Handle

FEATURES

- Used to Clean Stainless Steel and Aluminium
- Stainless Steel Bristles



Mild Steel Wire Brush

Stock Code	Description
MS2W	2 Rows Wide 16 Deep Steel, Wooden Handle
MS3W	3 Rows Wide 16 Deep Steel, Wooden Handle
MS4W	4 Rows Wide 16 Deep Steel, Wooden Handle

FEATURES

- Used to Clean Mild Steel, Carbon Steel
- Carbon Steel Bristles

Cable Kits



Earth Cable Clamp Kit

Stock Code	Description	Amps	Dinse
CKC203	Earth Cables Clamp Kit x 3m	200A	10-25 Dinse
CKC203I	Earth Cables Clamp Kit x 3m	200A	35-50 Dinse
CKC204	Earth Cables Clamp Kit x 4m	200A	10-25 Dinse
CKC205	Earth Cables Clamp Kit x 5m	200A	10-25 Dinse
CKC403	Earth Cables Clamp Kit x 3m	400A	35-50 Dinse
CKC404	Earth Cables Clamp Kit x 4m	400A	35-50 Dinse
CKC405	Earth Cables Clamp Kit x 5m	400A	35-50 Dinse

FEATURES

- Single Insulated PVC Welding Cable
- Dinse Plug
- Crocodile Clamp



Electrode Holder Cable Kit

Stock Code	Description	Amps	Dinse
CKE203	Electrode Holder Cable Kit x 3m	200A	10-25 Dinse
CKE203I	Electrode Holder Cable Kit x 3m	200A	35-50 Dinse
CKE204	Electrode Holder Cable Kit x 4m	200A	10-25 Dinse
CKE205	Electrode Holder Cable Kit x 5m	200A	10-25 Dinse
CKE403	Electrode Holder Cable Kit x 3m	400A	35-50 Dinse
CKE404	Electrode Holder Cable Kit x 4m	400A	35-50 Dinse
CKE405	Electrode Holder Cable Kit x 5m	400A	35-50 Dinse

FEATURES

- Single Insulated PVC Welding Cable
- Dinse Plug
- Crocodile Electrode Holder

Anti-Spatter



Protect Pre-weld Anti-Spatter

Stock Code	Description	Size
WR4075	Protect Pre-weld Anti-Spatter	750ml
WR4005	Protect Pre-weld Anti-Spatter	5kg
WR4025	Protect Pre-weld Anti-Spatter	25kg

FEATURES

- New high concentrated formula which is 3 times stronger than previous products
- Silicon free
- High concentration
- High heat resistance



Anti-Spatter

Stock Code	Description	Size
WR1030	Anti-Spatter	300ml



Bulk Water Based Anti-Spatter Fluid

Stock Code	Description	Size
WR3025	Bulk Water Based Anti-Spatter Fluid	25kg/25l
WR3005	Bulk Water Based Anti-Spatter Fluid	5kg/5l



Galvanising Spray

Stock Code	Description	Size
WR5040	Galvanising Spray	400ml



Tip Dip

Stock Code	Description	Size
WR6050	Tip Dip	500ml



Cleaner Spray

Stock Code	Description	Size
WR7010	Cleaner Spray	400ml



Developer Spray

Stock Code	Description	Size
WR7020	Developer Spray	400ml



Dye Penetrant Spray

Stock Code	Description	Size
WR7030	Dye Penetrant Spray	400ml



NDT Kit System

Stock Code	Description	Size
WR7040	NDT Kit System	400ml

FEATURES

- Includes Cleaner Spray, Developer Spray, Dye Penetrant Spray

Abrasives



Flat Super Thin Cutting Discs

Stock Code Description

CSS1010	Super Thin Cutting Disc Stainless 100x1.0x16mm/4"
CSS1110	Super Thin Cutting Disc Stainless 115x1.0x22mm/4 1/2"
CSS1210	Super Thin Cutting Disc Stainless 125x1.0x22mm/5"
CSS2319	Super Thin Cutting Disc Stainless 230x1.0x22mm/9"



Cutting Discs (DPC)

Stock Code Description

CS1025	Cutting Disc Steel 100x2.5x16mm/4"
CS1125	Cutting Disc Steel 115x2.5x22mm/4 1/2"
CS1225	Cutting Disc Steel 125x2.5x22mm/5"
CS2330	Cutting Disc Steel 230x3.0x22mm/9"
CS3035	Cutting Disc Steel 305x3.5x20mm/12" (Flat)



Grinding Discs (DPC)

Stock Code Description

GS1060	Grinding Disc Steel 100x6.0x16mm/4"
GS1160	Grinding Disc Steel 115x6.0x22mm/4 1/2"
GS1260	Grinding Disc Steel 125x6.0x22mm/5"
GS2360	Grinding Disc Steel 230x6.0x22mm/9"



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Stainless Steel MIG Wire



308LSi MIG Wire

Stock Code	Description
SMW38608	308LSi MIG Wire 0.8mm x 5.0kg
SMW38610	308LSi MIG Wire 1.0mm x 5.0kg
SMW38612	308LSi MIG Wire 1.2mm x 5.0kg
SMW38616	308LSi MIG Wire 1.6mm x 5.0kg
SMW3808	308LSi MIG Wire 0.8mm x 15kg
SMW3810	308LSi MIG Wire 1.0mm x 15kg
SMW3812	308LSi MIG Wire 1.2mm x 15kg
SMW3816	308LSi MIG Wire 1.6mm x 15kg

Features

- Suitable for welding 18/8 (304, 308, 308L) austenitic stainless steels.
- Provides superior corrosion and crack resistance.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9:2012

Approvals

TUV
DB
CE
CWB

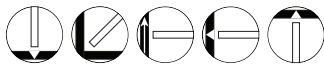
Mechanical Properties (All Weld Material)

- Temperature 20°C (-110°C to -196°C)
- Yield strength Rp 0.2 390 N/mm²
- Yield strength Rp 1.0 415 N/mm²
- Tensile strength Rm 570 N/mm²
- Elongation A5 35%
- Reduction of area Z 40%
- Impact energy ISO-V 140J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.50	0.65			19.5	10.0	1.50									
Max	.023	2.40	1.00	.015	.025	20.5	11.0	1.50	0.30	0.20			.060		.050	.003	

Welding Positions



Current Type

- DC+

Shielding Gas

- Pure Argon

Stainless Steel MIG Wire



309LSi MIG Wire

Stock Code	Description
SMW39608	309LSi MIG Wire 0.8mm x 5.0kg
SMW39610	309LSi MIG Wire 1.0mm x 5.0kg
SMW39612	309LSi MIG Wire 1.2mm x 5.0kg
SMW39616	309LSi MIG Wire 1.6mm x 5.0kg
SMW3908	309LSi MIG Wire 0.8mm x 15kg
SMW3910	309LSi MIG Wire 1.0mm x 15kg
SMW3912	309LSi MIG Wire 1.2mm x 15kg
SMW3916	309LSi MIG Wire 1.6mm x 15kg

Features

- Suitable for joining material of similar composition and also dissimilar stainless steels.
- Contains higher Chromium and Nickel. High Silicon levels improve weld pool fluidity.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

RW 310

G 25 20
SS 310
ER 310

Approvals

TUV
DB
CE
CWB

Mechanical Properties (All Weld Material)

- Temperature 20°C
- Yield strength Rp 0.2 460 N/mm²
- Tensile strength Rm 610 N/mm²
- Elongation A5 35%
- Reduction of area Z 52%
- Impact energy ISO-V 117J (102J)

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.50	0.65	.005		23.0	13.0										
Max	.020	2.00	1.00	.015	.020	24.0	14.0	0.30	0.20	0.20			.060		.050	.003	

Welding Positions



Current Type

- DC+

Shielding Gas

- Pure Argon

Stainless Steel MIG Wire



316LSi MIG Wire

Stock Code	Description
SMW36608	316LSi MIG Wire 0.8mm x 5.0kg
SMW36610	316LSi MIG Wire 1.0mm x 5.0kg
SMW36612	316LSi MIG Wire 1.2mm x 5.0kg
SMW36616	316LSi MIG Wire 1.6mm x 5.0kg
SMW3608	316LSi MIG Wire 0.8mm x 15kg
SMW3610	316LSi MIG Wire 1.0mm x 15kg
SMW3612	316LSi MIG Wire 1.2mm x 15kg
SMW3616	316LSi MIG Wire 1.6mm x 15kg

Features

- Suitable for joining and cladding 316L joints and overlays.
- Contains considerable ferrite for high crack resistance.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

RW 310

G 25 20
SS 310
ER 310

Approvals

TUV
DB
CE
CWB

Mechanical Properties (All Weld Material)

- Temperature 20°C (-110°C to -196°C)
- Yield strength Rp 0.2 450 N/mm²
- Yield strength Rp 1.0 490 N/mm²
- Tensile strength Rm 630 N/mm²
- Elongation A5 32%
- Reduction of area Z 46%
- Impact energy ISO-V 152J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.50	0.65	.005		18.0	11.0	2.50									
Max	.030	2.00	1.00	.015	.030	20.0	14.0	3.00	0.30	0.30			.060		.050	.003	

Welding Positions



Current Type

- DC+

Shielding Gas

- Pure Argon

Stainless Steel MIG Wire



310 MIG Wire

Stock Code	Description
SMW30608	310 MIG Wire 0.8mm x 5.0kg
SMW30610	310 MIG Wire 1.0mm x 5.0kg
SMW30612	310 MIG Wire 1.2mm x 5.0kg
SMW30616	310 MIG Wire 1.6mm x 5.0kg
SMW3008	310 MIG Wire 0.8mm x 15kg
SMW3010	310 MIG Wire 1.0mm x 15kg
SMW3112	310 MIG Wire 1.2mm x 15kg
SMW3116	310 MIG Wire 1.6mm x 15kg

Features

- Suitable for heat-resistant austenitic steels with high 25% Cr / 20% Ni contents.
- Provides a weld deposit that is fully austenitic and therefore requires minimal heat input during welding.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

RW 310

G 25 20
SS 310
ER 310

Approvals

TUV
DB
CE
CWB

Mechanical Properties (All Weld Material)

- Temperature 20°C
- Yield strength Rp 0.2 390 N/mm²
- Tensile strength Rm 590 N/mm²
- Elongation A5 45%
- Impact energy ISO-V 175J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min	.080	1.50	0.30			25.5	20.5										
Max	.120	2.00	0.60	.015	.015	26.5	21.0	0.30	0.20	0.20			.060		.050	.003	

Welding Positions



Current Type

- DC+

Shielding Gas

- Pure Argon

Stainless Steel MIG Wire



347 MIG Wire

Stock Code	Description
SMW341608	347 MIG Wire 0.8mm x 5.0kg
SMW341610	347 MIG Wire 1.0mm x 5.0kg
SMW341612	347 MIG Wire 1.2mm x 5.0kg
SMW341616	347 MIG Wire 1.6mm x 5.0kg
SMW34108	347 MIG Wire 0.8mm x 15kg
SMW34110	347 MIG Wire 1.0mm x 15kg
SMW34112	347 MIG Wire 1.2mm x 15kg
SMW34116	347 MIG Wire 1.6mm x 15kg

Features

- 347 Niobium stabilized stainless steel wire is used for the welding of types 347 and 321 stainless and stainless clad steels.
- The addition reduces inter-granular corrosion in severe operating conditions.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

RW 347

G 19 9 Nb
SS 347
ER 347

Mechanical Properties (All Weld Material)

• Temperature	20°C
• Yield strength Rp 0.2	350 N/mm ²
• Tensile strength Rm	550 N/mm ²
• Elongation A5	25%
• Impact energy ISO-V	50J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min	.020	1.20	0.30			19.0	9.00								12xC		
Max	.060	1.80	0.60	.015	.025	20.0	10.0	0.30	0.30	0.30			.060		.850	.003	

Welding Positions



Current Type

- DC+

Shielding Gas

- Pure Argon

Stainless Steel TIG Rod



308L TIG Rod

Stock Code	Description
SR8508	308L TIG Rod 0.8mm x 5.0kg
SR8510	308L TIG Rod 1.0mm x 5.0kg
SR8512	308L TIG Rod 1.2mm x 5.0kg
SR8516	308L TIG Rod 1.6mm x 5.0kg
SR8524	308L TIG Rod 2.4mm x 5.0kg
SR8532	308L TIG Rod 3.2mm x 5.0kg

Features

- Suitable for welding 304L stainless steels.
- Provides a weld deposit with reduced carbon levels, offering increased resistance to inter-granular corrosion.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

W19 9L
SS 308L
ER 308L

Mechanical Properties (All Weld Material)

- Temperature
- Yield strength Rp 0.2
- Yield strength Rp 1.0
- Tensile strength Rm
- Elongation A5

20°C
205 MPa
240 MPa
510 MPa
25%

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.00				19.0	9.00										
Max	0.03	2.50	0.65	0.02	0.03	21.0	11.0	0.50	0.50								

Welding Positions



Current Type

- DC-

Shielding Gas

- Pure Argon

Stainless Steel TIG Rod



309L TIG Rod

Stock Code	Description
SR7510	309L TIG Rod 1.0mm x 5.0kg
SR7512	309L TIG Rod 1.2mm x 5.0kg
SR7516	309L TIG Rod 1.6mm x 5.0kg
SR7524	309L TIG Rod 2.4mm x 5.0kg
SR7532	309L TIG Rod 3.2mm x 5.0kg
SR8532	308L TIG Rod 3.2mm x 5.0kg

Features

- Suitable for joining steels to themselves, to carbon or low alloy steels.
- Can be used at temperatures of up to 371°C.
- Reduced carbon levels offer increased resistance to inter-granular corrosion.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

RW 309L

623 12L
SS 309L
ER 309L

Approvals

CWB

Mechanical Properties (All Weld Material)

• Temperature	20°C
• Yield strength Rp 0.2	440 N/mm ²
• Tensile strength Rm	600 N/mm ²
• Elongation A5	40%
• Impact energy ISO-V	160 J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.00	0.30			23.00	12.00										
Max	.023	2.00	0.50	.015	.020	24.00	14.00	0.30	0.20	0.20			.090		.050	.003	

Welding Positions



Current Type

- DC-

Shielding Gas

- Pure Argon

Stainless Steel TIG Rod



316L TIG Rod

Stock Code	Description
SR3508	316L TIG Rod 0.8mm x 5.0kg
SR3510	316L TIG Rod 1.0mm x 5.0kg
SR3512	316L TIG Rod 1.2mm x 5.0kg
SR3516	316L TIG Rod 1.6mm x 5.0kg
SR3524	316L TIG Rod 2.4mm x 5.0kg
SR3532	316L TIG Rod 3.2mm x 5.0kg

Features

- Suitable for the nuclear industry and contains low Silicon levels.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

W 19 12 3 L
SS 316L
ER 316L

Approvals

TUV
CE
CWB

Mechanical Properties (All Weld Material)

- Temperature: 20°C
- Yield strength Rp 0.2: 450 N/mm²
- Yield strength Rp 1.0: 505 N/mm²
- Tensile strength Rm: 620 N/mm²
- Elongation A5: 35%
- Reduction of area Z: 64%
- Impact energy ISO-V: 222 J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1.50	0.30			18.0	12.0	25.0									
Max	.020	2.00	0.60	.015	.025	19.2	13.0	3.00	0.30	0.20			.060		.050	.002	

Welding Positions



Current Type

- DC-

Shielding Gas

- Pure Argon

Stainless Steel TIG Rod



310 TIG Rod

Stock Code	Description
SR3010	310 TIG Rod 1.0mm x 5.0kg
SR3012	310 TIG Rod 1.2mm x 5.0kg
SR3016	310 TIG Rod 1.6mm x 5.0kg
SR3024	310 TIG Rod 2.4mm x 5.0kg
SR3032	310 TIG Rod 3.2mm x 5.0kg

Features

- Suitable for heat-resistant austenitic steels with high 25% Cr / 20% Ni contents.
- Provides a weld deposit that is fully austenitic and therefore requires minimal heat input during welding.-granular corrosion.

Standards

- EN ISO 14343 - A:2009 W 25 20
- EN ISO 14343 - B:2009 SS 310
- AWS A5.9-2012 ER 310

Mechanical Properties (All Weld Material)

- Temperature 20°C
- Yield strength Rp 0.2 390 N/mm²
- Tensile strength Rm 590 N/mm²
- Elongation A5 45%
- Impact energy ISO-V 175 J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min	.080	1.50	0.30			25.5	20.5										
Max	.120	2.00	0.60	.015	.015	26.5	21.0	0.30	0.20	0.20			.060		.050	.003	

Welding Positions



Current Type

- DC-

Shielding Gas

- Pure Argon
- Manufactured to BS2901
- AWS705-6

Stainless Steel TIG Rod



312 TIG Rod

Stock Code	Description
SR3110	312 TIG Rod 1.0mm x 5.0kg
SR3112	312 TIG Rod 1.2mm x 5.0kg
SR3116	312 TIG Rod 1.6mm x 5.0kg
SR3124	312 TIG Rod 2.4mm x 5.0kg
SR3132	312 TIG Rod 3.2mm x 5.0kg

Features

- Suitable for welding difficult-to-weld steels such as armour plate, austenitic Mn steel, high carbon steel and Cr/Ni steels.
- Applications should be limited to 420°C.

Standards

- EN ISO 14343 - A:2009
- EN ISO 14343 - B:2009
- AWS A5.9-2012

Mechanical Properties (All Weld Material)

- Temperature 20°C
- Yield strength 610 MPa
- Tensile strength 770 MPa
- Elongation 20%
- Impact energy ISO-V 50 J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min		1				28	8										
Max	0.15	2.50	1.00	0.02	0.03	32	12	0.30	0.30								

Welding Positions



Current Type

- DC-

Shielding Gas

- Pure Argon

Stainless Steel TIG Rod

347 TIG Rod



Stock Code	Description
SR3310	347 TIG Rod 1.0mm x 5.0kg
SR3312	347 TIG Rod 1.2mm x 5.0kg
SR3316	347 TIG Rod 1.6mm x 5.0kg
SR3324	347 TIG Rod 2.4mm x 5.0kg
SR3332	347 TIG Rod 3.2mm x 5.0kg

Features

- 347 Niobium stabilized stainless steel electrodes are used for the welding of types 347 and 321 stainless and stainless clad steels.
- The addition reduces inter-granular corrosion in severe operating conditions.

Standards

- | | |
|-------------------------|---------|
| • EN ISO 14343 - A:2009 | WA 9 N6 |
| • EN ISO 14343 - B:2009 | SS 347 |
| • AWS A5.9-2012 | ER 347 |

Mechanical Properties (All Weld Material)

- | | |
|-------------------------|-----------------------|
| • Temperature | 20°C |
| • Yield strength Rp 0.2 | 450 N/mm ² |
| • Tensile strength Rm | 600 N/mm ² |
| • Elongation A5 | 30% |
| • Impact energy ISO-V | 70 J |

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min	.020	1.20	0.30			19.0	9.00								12xC		
Max	.060	1.80	0.60	.015	.025	20.0	10.0	0.30	0.30	0.30			.060		.850	.003	

Welding Positions



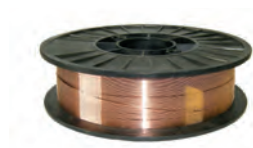
Current Type

- DC-

Shielding Gas

- Pure Argon

Mild Steel MIG Wire



Mild Steel MIG Wire

Stock Code	Description
MW706	SG2 Mild Steel MIG Wire 0.6mm x 0.7kg
MW708	SG2 Mild Steel MIG Wire 0.8mm x 0.7kg
MW506	SG2 Mild Steel MIG Wire 0.6mm x 5.0kg
MW508	SG2 Mild Steel MIG Wire 0.8mm x 5.0kg

Features

- Manufactured to BS2901
- AWS AS.18

Standards

- AWS705-6
- AS.18

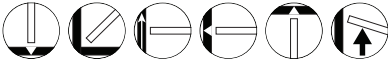
Mechanical Properties (All Weld Material)

- | | |
|------------------------|-----------|
| Temperature | 30°C |
| Yield strength Rp 0.2 | 485 N/mm2 |
| Tensile strength Rm | 575 N/mm2 |
| Elongation A5 | 27.5% |
| Impact energy (FT.LBT) | 91 J |

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min	0.06	1.40	0.80														
Max	0.15	1.85	1.15	.025	.025	.017	0.15	0.15	0.5	0.30							

Welding Positions



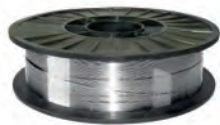
Current Type

- DC-

Shielding Gas

- Pure Argon

Aluminium MIG Wire



Aluminium MIG Wire 5% Silicon

Stock Code

A4508

A4510

Description

4043 Aluminium MIG Wire 0.8mm x 0.5kg

4043 Aluminium MIG Wire 1.0mm x 0.5kg

Features

- 5% Silicon Aluminium Wire for General Purpose Welding

Standards

- ER4043
- AWS A5.10

Chemical Composition

	C	Mn	Si	S	P	Cr	Mg	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min			4.5														
Max		0.05	6.0				0.05	0.15	0.30			0.20				.0003	0.80

Welding Positions



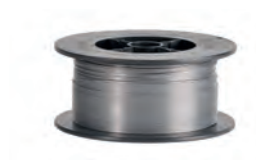
Current Type

- DC-

Shielding Gas

- Pure Argon

Flux Cored Gasless MIG Wire



Flux Cored Gasless MIG Wire

Stock Code	Description
MWFC08	Flux Cored Gasless MIG Wire 0.8mm 0.45kg
MWFC508	Flux Cored Gasless MIG Wire 0.8mm 5.0kg
MWFC09	Flux Cored Gasless MIG Wire 0.9mm 0.45kg
MWFC509	Flux Cored Gasless MIG Wire 0.9mm 5.0kg

Features

- Use without gas with electrode positive.

Standards

- E71T-GS
- AWS A5.20

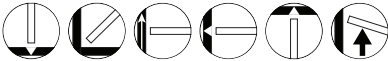
Mechanical Properties (All Weld Material)

- | | |
|-------------------------|-----------|
| • Temperature | 30°C |
| • Yield strength Rp 0.2 | 420 N/mm2 |
| • Tensile strength Rm | 560 N/mm2 |
| • Elongation A5 | 22% |

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	N	Ca	Nb	B	Ce
Min																	
Max		1.75	0.60	0.03	0.03						1.8						

Welding Positions



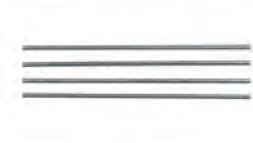
Current Type

- AC/DC+

Shielding Gas

- None required

TIG Rods



Aluminium TIG Rods 5% Silicon

Stock Code	Description
AR4216	4043 Aluminium TIG Rod 1.6mm x 2.5kg
AR4224	4043 Aluminium TIG Rod 2.4mm x 2.5kg
AR4232	4043 Aluminium TIG Rod 3.2mm x 2.5kg

Features

- General Purpose TIG Rod Suitable for Welding AlMgSi and AlSi Alloys
- 5% Silicon

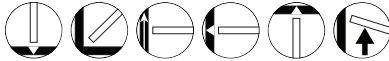
Standards

- ER4043
- AWS A5.10

Chemical Composition

	C	Mn	Si	S	P	Cr	Zn	Mg	Cu	Co	Al	Ti	N	Ca	Nb	Be	Fe
Min		0.05				0.05		4.5				0.06					
Max		0.20	0.25			0.20	0.10	5.5	0.10			0.20				.0003	0.40

Welding Positions



Current Type

- AC

Shielding Gas

- Pure Argon

TIG Rods



Aluminium TIG Rods 5% Magnesium

Stock Code	Description
AR5216	5356 Aluminium TIG Rod 1.6mm x 2.5kg
AR5224	5356 Aluminium TIG Rod 2.4mm x 2.5kg
AR5232	5356 Aluminium TIG Rod 3.2mm x 2.5kg

Features

- General Purpose TIG Rod Suitable for Welding AlMgSi and AISi Alloys
- 5% Magnesium

Standards

- ER5356
- AWS A5.10

Chemical Composition

	C	Mn	Si	S	P	Cr	Zn	Mg	Cu	Co	Al	Ti	N	Ca	Nb	Be	Fe
Min		0.05				0.05		4.5				0.06					
Max		0.20	0.25			0.20	0.10	5.5	0.10			0.20				.0003	0.40

Welding Positions



Current Type

- AC

Shielding Gas

- Pure Argon

MMA Electrodes



Low Hydrogen Basic MMA Electrodes

Stock Code	Description
E7018-25	E7018 Low Hydrogen Electrodes 2.5mm x 350mm-5.0kg
E7018-32	E7018 Low Hydrogen Electrodes 3.2mm x 350mm-5.0kg
E7018-40	E7018 Low Hydrogen Electrodes 4.0mm x 400mm-5.0kg

Features

- General purpose electrode for mild and low alloy steel
- All position electrodes

Standards

- E7018
- AWS A5:1.5

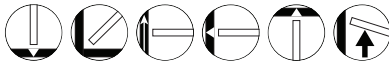
Mechanical Properties (All Weld Material)

• Temperature	30°C
• Yield strength Rp 0.2	439 N/mm ²
• Tensile strength Rm	535 N/mm ²
• Elongation A5	31%
• Impact energy ISO-V	152 J

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	Al	Ti	V	Ca	Nb	B	Ce
Min																	
Max	0.15	1.60	0.75	.035	.035	0.20	0.30	0.30					0.08				

Welding Positions



Current Type

- AC/DC+

MMA Electrodes



Mild Steel MMS Electrodes

Stock Code	Description
E6013-20	E6013 Mild Steel MMS Electrodes 2.0mm x 300mm-5.0kg
E6013-25	E6013 Mild Steel MMS Electrodes 2.5mm x 350mm-5.0kg
E6013-252	E6013 Mild Steel MMS Electrodes 2.5mm x 350mm-2.5kg
E6013-32	E6013 Mild Steel MMS Electrodes 3.2mm x 350mm-5.0kg
E6013-322	E6013 Mild Steel MMS Electrodes 3.2mm x 350mm-2.5kg
E6013-40	E6013 Mild Steel MMS Electrodes 4.0mm x 400mm-5.0kg
E6013-402	E6013 Mild Steel MMS Electrodes 4.0mm x 400mm-5.0kg

Features

- General purpose electrode good ignition and weld properties especially in downhand

Standards

- E6013
- AWS A5:1.5

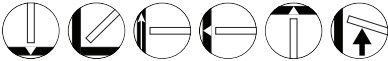
Mechanical Properties (All Weld Material)

- | | |
|-------------------------|-----------|
| • Temperature | 30°C |
| • Yield strength Rp 0.2 | 443 N/mm2 |
| • Tensile strength Rm | 516 N/mm2 |
| • Elongation A5 | 30% |
| • Impact energy ISO-V | 80 J |

Chemical Composition

	C	Mn	Si	S	P	Cr	Ni	Mo	V	Co	Al	Ti	N	Ca	Nb	B	Ce
Min																	
Max	0.20	1.20	1.00			0.20	0.30	0.30	0.08								

Welding Positions



Current Type

- AC/DC+

2% Thoriated Tungsten Electrodes

- Composition: 98% Tungsten, 2% Thorium.
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium
- Speciality: AC Welding on thin gauge Aluminium and material less than 1.5mm
- Note: Thorium is radioactive; Always follow the manufacturer's warnings, instructions, and Material Safety Data Sheet (MSDS)

2% Thoriated Tungsten Electrodes 150mm

Stock Code	Description
1.0MM 2%	1.0mm x 150mm 2% Thoriated Tungstens
1.2MM 2%	1.2mm x 150mm 2% Thoriated Tungstens
1.6MM 2%	1.6mm x 150mm 2% Thoriated Tungstens
2.0MM 2%	2.0mm x 150mm 2% Thoriated Tungstens
2.4MM 2%	2.4mm x 150mm 2% Thoriated Tungstens
3.2MM 2%	3.2mm x 150mm 2% Thoriated Tungstens
4.0MM 2%	4.0mm x 150mm 2% Thoriated Tungstens
4.8MM 2%	4.8mm x 150mm 2% Thoriated Tungstens
6.4MM 2%	6.4mm x 150mm 2% Thoriated Tungstens

2% Thoriated Tungsten Electrodes 175mm

Stock Code	Description
1.0MM 2%/175	1.0mm x 175mm 2% Thoriated Tungstens
1.2MM 2%/175	1.2mm x 175mm 2% Thoriated Tungstens
1.6MM 2%/175	1.6mm x 175mm 2% Thoriated Tungstens
2.0MM 2%/175	2.0mm x 175mm 2% Thoriated Tungstens
2.4MM 2%/175	2.4mm x 175mm 2% Thoriated Tungstens
3.2MM 2%/175	3.2mm x 175mm 2% Thoriated Tungstens
4.0MM 2%/175	4.0mm x 175mm 2% Thoriated Tungstens
4.8MM 2%/175	4.8mm x 175mm 2% Thoriated Tungstens
6.4MM 2%/175	6.4mm x 175mm 2% Thoriated Tungstens

Pure Tungsten Electrodes

- Composition: 99.9% Tungsten
- Application: AC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium
- Speciality: A low cost solution for AC welding.
- Note: Not suitable for DC welding and shorter life with AC welding

Pure Tungsten Electrodes 150mm

Stock Code	Description
1.6MM P	1.6mm x 150mm Pure Tungstens
2.4MM P	2.4mm x 150mm Pure Tungstens
3.2MM P	3.2mm x 150mm Pure Tungstens

Pure Tungsten Electrodes 175mm

Stock Code	Description
1.6MM P/175	1.6mm x 175mm Pure Tungstens
2.4MM P/175	2.4mm x 175mm Pure Tungstens
3.2MM P/175	3.2mm x 175mm Pure Tungstens

Lanthanated Tungsten Electrodes

- Composition: 99% Tungsten, 1% Lanthanum
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium
- Speciality: Maintains a point well and can be used with AC.

1% Lanthanum Tungsten Electrodes 150mm

Stock Code	Description
1.6MM L	1.6mm x 150mm 1% Lanthanum Tungstens
2.4MM L	2.4mm x 150mm 1% Lanthanum Tungstens

1% Lanthanum Tungsten Electrodes 175mm

Stock Code	Description
1.6MM L/175	1.6mm x 175mm 1% Lanthanum Tungstens
2.4MM L/175	2.4mm x 175mm 1% Lanthanum Tungstens

Gold Tungsten Electrodes (Lanthanum 1.5%)

- Composition: 98.5% Tungsten, 1.5% Lanthanum
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium
- Speciality: Excellent arc striking. Can replace 2%Thoriated without changing welding parameters
- Note: Can be used for AC welding with a pointed tip on square wave and has a high current capacity

Gold Tungsten Electrodes 150mm

Stock Code	Description
1.6MM G	1.6mm x 150mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G	2.4mm x 150mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G	3.2mm x 150mm 1.5% Lanthanum (Gold) Tungstens

Gold Tungsten Electrodes 175mm

Stock Code	Description
1.6MM G/175	1.6mm x 175mm 1.5% Lanthanum (Gold) Tungstens
2.4MM G/175	2.4mm x 175mm 1.5% Lanthanum (Gold) Tungstens
3.2MM G/175	3.2mm x 175mm 1.5% Lanthanum (Gold) Tungstens

☐ Zirconiated Tungsten Electrodes

- Composition: 99.2% Tungsten, 0.8% Zirconium
- Application: AC Welding on Aluminium and Magnesium alloys
- Speciality: A very stable arc whilst maintaining a balled tip
- Note: Not recommended for DC Welding

☐ 0.9% Zirconiated Tungsten Electrodes 150mm

Stock Code	Description
1.0MM Z	1.0mm x 150mm 0.9% Zirconiated Tungstens
1.6MM Z	1.6mm x 150mm 0.9% Zirconiated Tungstens
2.4MM Z	2.4mm x 150mm 0.9% Zirconiated Tungstens
3.2MM Z	3.2mm x 150mm 0.9% Zirconiated Tungstens
4.0MM Z	4.0mm x 150mm 0.9% Zirconiated Tungstens
4.8MM Z	4.8mm x 150mm 0.9% Zirconiated Tungstens

☐ 0.9% Zirconiated Tungsten Electrodes 175mm

Stock Code	Description
1.0MM Z/175	1.0mm x 175mm 0.9% Zirconiated Tungstens
1.6MM Z/175	1.6mm x 175mm 0.9% Zirconiated Tungstens
2.4MM Z/175	2.4mm x 175mm 0.9% Zirconiated Tungstens
3.2MM Z/175	3.2mm x 175mm 0.9% Zirconiated Tungstens
4.0MM Z/175	4.0mm x 175mm 0.9% Zirconiated Tungstens
4.8MM Z/175	4.8mm x 175mm 0.9% Zirconiated Tungstens

2% Ceriated Tungsten Electrodes

- Composition: 98% Tungsten, 2% Cerium.
- Application: DC Welding
- Speciality: DC welding at low current settings but can be used proficiently in AC processes. Ideal for orbital tube and pipe fabricating applications, thin sheet metal work, and small, intricate welding.
- Note: Not recommended for High Amperage welding.

2% Ceriated Tungsten Electrodes 150mm

Stock Code	Description
1.2MM C	1.2mm x 150mm 2% Ceriated Tungstens
1.6MM C	1.6mm x 150mm 2% Ceriated Tungstens
2.0MM C	2.0mm x 150mm 2% Ceriated Tungstens
2.4MM C	2.4mm x 150mm 2% Ceriated Tungstens
3.2MM C	3.2mm x 150mm 2% Ceriated Tungstens
4.0MM C	4.0mm x 150mm 2% Ceriated Tungstens
4.8MM C	4.8mm x 150mm 2% Ceriated Tungstens

2% Ceriated Tungsten Electrodes 175mm

Stock Code	Description
1.2MM C/175	1.2mm x 175mm 2% Ceriated Tungstens
1.6MM C/175	1.6mm x 175mm 2% Ceriated Tungstens
2.0MM C/175	2.0mm x 175mm 2% Ceriated Tungstens
2.4MM C/175	2.4mm x 175mm 2% Ceriated Tungstens
3.2MM C/175	3.2mm x 175mm 2% Ceriated Tungstens
4.0MM C/175	4.0mm x 175mm 2% Ceriated Tungstens
4.8MM C/175	4.8mm x 175mm 2% Ceriated Tungstens

3 Element Tungsten Electrodes

- Composition: 98.34% Tungsten, 1.5% Lanthanum, 0.08% Zirconium, 0.08% Yttrium
- Application: Suitable for AC and DC welding applications.
- Speciality: Repeated arc striking whilst maintaining a point
- Note: An alternative for Thoriated and Zirconiated Tungsten's Electrodes

3 Element Tungsten Electrodes 150mm

Stock Code	Description
1.0MM 3	1.0mm x 150mm 3 Element Tungstens
1.6MM 3	1.6mm x 150mm 3 Element Tungstens
2.0MM 3	2.0mm x 150mm 3 Element Tungstens
2.4MM 3	2.4mm x 150mm 3 Element Tungstens
3.2MM 3	3.2mm x 150mm 3 Element Tungstens

3 Element Tungsten Electrodes 175mm

Stock Code	Description
1.0MM 3 175	1.0mm x 175mm 3 Element Tungstens
1.6MM 3 175	1.6mm x 175mm 3 Element Tungstens
2.0MM 3 175	2.0mm x 175mm 3 Element Tungstens
2.4MM 3 175	2.4mm x 175mm 3 Element Tungstens
3.2MM 3 175	3.2mm x 175mm 3 Element Tungstens

Kemppi® Feed Rolls



Stock Code	Description	Size	Colour	Wire
3133810	Plain V Groove	0.6mm-0.8mm	White	Wire Fe, Ss
3133210	Plain V Groove	1.0mm-1.2mm	Red	Wire Fe, Ss
3133820	Plain V Groove	1.4mm-1.6mm	Yellow	Wire Fe, Ss



Stock Code	Description	Size	Colour	Wire
3133940	Knurled V Groove	1.0mm-1.2mm	Red	Wire Fe, Fc
3133990	Knurled V Groove	1.4mm-1.6mm	Yellow	Wire Fe, Fc



Stock Code	Description	Size	Colour	Wire
3133960	Trapezoid V Groove	1.0mm-1.2mm	Red	Wire Al



Stock Code	Description	Size	Colour	Wire
9483073	Knurled V Groove	0.8mm-0.9mm	Black	Wire Al

Migatronic® Feed Rolls



Stock Code	Description	Size	Colour	Wire
72300000	Plain V Groove	0.8mm	White	Wire Fe, Ss Fc
72300001	Plain V Groove	1.0mm	Blue	Wire Fe, Ss Fc
72300003	Plain V Groove	1.2mm	Red	Wire Fe, Ss Fc

Note: All Registered Trademarks listed are the property of their respective manufacturer.
Reference to the original manufacturer is for reference only.

High Temperature PVC Copper Cable



Technical Specification

Operating Temperature	-30°C – +70°C + 5°C – 70°C	Fixed Installation Mobile Installation
Rated Voltage	450 / 750V 600 / 1000V	Fixed and Protected Installation
Maximum Short Circuit Temperature	160°C on the conductor (maximum duration 5 seconds)	
Minimum bending radius	Fixed installation: 4 x outer diameter	

Size	Conductor	Insulation Thickness	Nominal Current Rating	Outer Diameter	Maximum Conductor Resistance at 20°C	Cable Weight	Coil Length
16mm²	168mm x 0.3mm	1.4mm	110 Amps	8.4mm	1.31 Ohms/km	200 kg/km	7.8
25mm²	324mm x 0.3mm	1.5mm	170 Amps	10.5mm	.850 Ohms/km	300 kg/km	11.7
35mm²	1078mm x 0.2mm	1.7mm	240 Amps	12.0mm	.595 Ohms/km	410 kg/km	14.9
50mm²	532mm x 0.3mm	1.7mm	345 Amps	12.75mm	.419 Ohms/km	565 kg/km	17.2
70mm²	770mm x 0.3mm	1.9mm	485 Amps	15.6mm	.297 Ohms/km	780 kg/km	9.6

Applications

Fire Performance
EN 60332/1

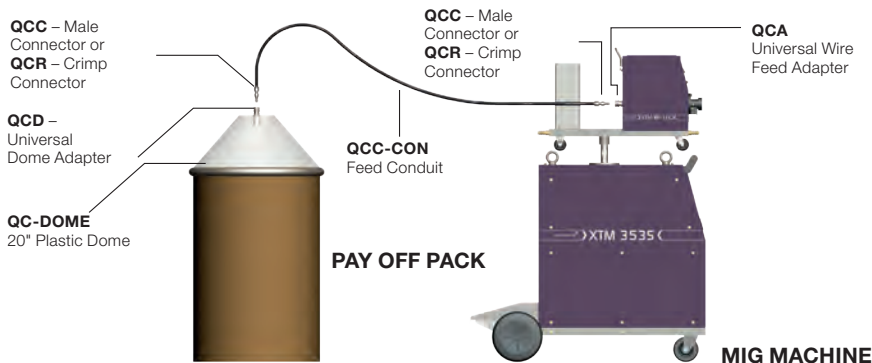
RoHS
Compliant

Super
Flexible

Parts Information

Stock Code	Description
16MMCC	Black Copper Cable 16mm
25MMCC	Black Copper Cable 25mm
35MMCC	Black Copper Cable 35mm
50MMCC	Black Copper Cable 50mm
70MMCC	Black Copper Cable 70mm

Bulk Pack Feed Conduit



QCC Conduit

Stock Code	Description
QCC-CON	Feed Conduit Only (per metre) 27m Coil Length



Features

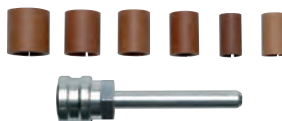
- High tensile spiral wound inner
- Superior kink resistant
- Rubber insulating cover

Fittings

- 0.198"/5mm Inner diameter
- 0.50"/12.7mm Outer diameter
- Solid wire up to 3/32"/2.4mm
- Corded wire up to 5/64"/2mm

QCA Universal Wire Feed Adaptor

Stock Code	Description
QCA	Universal Wire Feed Adaptor



Features

- Provides a female connection on the rear of the wire feeder
- Mounts easily in place of the inlet guide for the majority of MIG feeders
- Female socket accepts QCC connector

Fittings

- Supplied with a complete range of bushings

QCR Crimp Connector

Stock Code	Description
QCR	Crimp Connector



Features

- Compact design
- Permanent connection
- Requires hydraulic crimping machine

QCC Connector

Stock Code	Description
QCC	Male Connector



Features

- Conduits can be rapidly interchanged without tools
- Provides connection to payoff pack and wire feeding equipment
- Each connector consists of ferrule, compression nut and bayonet
- Easily fixes to conduit with spanners

QCD Universal Dome Adaptor

Stock Code	Description
QCD	Universal Dome Adaptor



Features

- Utilised for mounting onto plastic domes and payoff packs
- Female socket accepts QCC connector
- Clamps to plastic dome
- Tapered inlet ensures smooth wire feeding

Features

- Supplied complete with washers and a wear resistant steel guide

QC Dome (Not Illustrated)

Stock Code	Description
QC-DOME	QC Dome

- Inspection Flap

Note: All Registered Trademarks listed are the property of their respective manufacturer.

Reference to the original manufacturer is for reference only.

Binzel®

Binzel® Stock Code	Parweld Stock Code	Description
000.0552	B1526	Gun Plug Screw
000.0578	B1513	Handle Screw Kit
001.0009	B1505	Lock Nut
002.0009	B1501	Swan Neck
002.0050	B1503	Insulator
002.0058	B1504	Shroud Spring
002.0064	B1506	Packing Ring
002.0078	B1507 L/H	Tip Adaptor M6
002.0107	PRO1500-30ER	Pro-Grip® Torch x 3m
002.0110	PRO1500-40ER	Pro-Grip® Torch x 4m
002.0114	PRO1500-50ER	Pro-Grip® Torch x 5m
002.0348	PRO1500-30ER	Pro-Grip® Torch x 3m
002.0349	PRO1500-40ER	Pro-Grip® Torch x 4m
002.0350	PRO1500-50ER	Pro-Grip® Torch x 5m
002.0449	PRO1500-30ER	Pro-Grip® Torch x 3m
002.0450	PRO1500-40ER	Pro-Grip® Torch x 4m
002.0451	PRO1500-50ER	Pro-Grip® Torch x 5m
002.0455	B1500FX-30ER	Torch x 3m Euro Ergo Handle
002.0456	B1500FX-40ER	Torch x 4m Euro Ergo Handle
003.0013	B2502	Shroud Spring
004.0012	B2501	Swan Neck
004.0032	B2501FX	Swan Neck
004.0104	PRO2500-30ER	Pro-Grip® Torch x 3m
004.0107	PRO2500-40ER	Pro-Grip® Torch x 4m
004.0110	PRO2500-50ER	Pro-Grip® Torch x 5m
004.0200	PRO2500-30ER	Pro-Grip® Torch x 3m
004.0203	PRO2500-40ER	Pro-Grip® Torch x 4m
004.0206	PRO2500-50ER	Pro-Grip® Torch x 5m
004.0312	PRO2500-30ER	Pro-Grip® Torch x 3m
004.0313	PRO2500-40ER	Pro-Grip® Torch x 4m
004.0314	PRO2500-50ER	Pro-Grip® Torch x 5m
004.0330	B2500FX-40ER	Torch x 4m Euro Ergo Handle
005.0003	B2301	Swan Neck
005.0016	B2300-30ER	Torch x 3m Euro Ergo Handle
005.0017	B2300-40ER	Torch x 4m Euro Ergo Handle
005.0064	B2300-50ER	Torch x 5m Euro Ergo Handle
006.0017	B1502	Insulation Sleeve
006.0018	B1507 L/H	Tip Adaptor
006.0024	B1400-30ER	Torch x 3m Euro Ergo Handle
006.0025	B1400-40ER	Torch x 4m Euro Ergo Handle
012.0001	B2401	Swan Neck
012.0031	PRO2400-30ER	Pro-Grip® Torch x 3m
012.0032	PRO2400-40ER	Pro-Grip® Torch x 4m
012.0033	PRO2400-50ER	Pro-Grip® Torch x 5m
012.0038	B2438-45	Swan Neck
012.0058	PRO2400-30ER	Pro-Grip® Torch x 3m
012.0059	PRO2400-40ER	Pro-Grip® Torch x 4m
012.0061	PRO2400-50ER	Pro-Grip® Torch x 5m
012.0103	PRO2400-30ER	Pro-Grip® Torch x 3m
012.0104	PRO2400-40ER	Pro-Grip® Torch x 4m
012.0105	PRO2400-50ER	Pro-Grip® Torch x 5m
012.0183	B2405W	Diffuser White
013.0001	B6001	Swan Neck
013.0030	B6002C	Diffuser Ceramic
013.0053	B6000-30ER	Torch x 3m Euro Ergo Handle
013.0054	B6000-40ER	Torch x 4m Euro Ergo Handle
013.0055	B6000-50ER	Torch x 5m Euro Ergo Handle
014.0006	B3603	Swan Neck
014.0021	B3605W	Diffuser White
014.0026	B3605B	Diffuser Black
014.0040	PRO3600-30ER	Pro-Grip® Torch x 3m
014.0042	PRO3600-40ER	Pro-Grip® Torch x 4m
014.0044	PRO3600-50ER	Pro-Grip® Torch x 5m
014.0071	PRO3600-30ER	Pro-Grip® Torch x 3m
014.0072	PRO3600-40ER	Pro-Grip® Torch x 4m
014.0073	PRO3600-50ER	Pro-Grip® Torch x 5m
014.0095	B3603DR	Swan Neck
014.0106	B3600DR-40EB	Torch x 4m Euro Blade Handle
014.0143	PRO3600-30ER	Pro-Grip® Torch x 3m
014.0144	PRO3600-40ER	Pro-Grip® Torch x 4m
014.0145	PRO3600-50ER	Pro-Grip® Torch x 5m
015.0001	B4002	Swan Neck
015.0023	B4003C	Diffuser Ceramic
015.0029	B4000-30ER	Torch x 3m Euro Ergo Handle

Binzel® Stock Code	Parweld Stock Code	Description
015.0032	B4000-40ER	Torch x 4m Euro Ergo Handle
015.0034	B4000-50ER	Torch x 5m Euro Ergo Handle
018.0001	B2601	Swan Neck
018.0030	PRO2600-30ER	Pro-Grip® Torch x 3m
018.0031	PRO2600-40ER	Pro-Grip® Torch x 4m
018.0033	PRO2600-50ER	Pro-Grip® Torch x 5m
018.0062	PRO2600-30ER	Pro-Grip® Torch x 3m
018.0063	PRO2600-40ER	Pro-Grip® Torch x 4m
018.0064	PRO2600-50ER	Pro-Grip® Torch x 5m
022.0003	B3501	Swan Neck
022.0034	B5006-30	Cable Assembly Complete x 3m
022.0038	B5006-40	Cable Assembly Complete x 4m
022.0041	B5006-50	Cable Assembly Complete x 5m
022.0052	B3500-30EM	Torch x 3m Euro Micro Handle
022.0054	B3500-40EM	Torch x 4m Euro Micro Handle
022.0056	B3500-50EM	Torch x 5m Euro Micro Handle
023.0001	B2409	Swan Neck
023.0020	PRO2400W-30ER	Pro-Grip® Torch x 3m
023.0021	PRO2400W-40ER	Pro-Grip® Torch x 4m
023.0022	PRO2400W-50ER	Pro-Grip® Torch x 5m
023.0027	PRO2400W-30ER	Pro-Grip® Torch x 3m
023.0028	PRO2400W-40ER	Pro-Grip® Torch x 4m
023.0029	PRO2400W-50ER	Pro-Grip® Torch x 5m
023.0077	PRO2400W-30ER	Pro-Grip® Torch x 3m
023.0078	PRO2400W-40ER	Pro-Grip® Torch x 4m
023.0079	PRO2400W-50ER	Pro-Grip® Torch x 5m
030.0019	B5003	Insulating Washer
030.0037	B5005B	Diffuser Black
033.0001	B4011	Swan Neck
033.0030	PRO4001-50ER	Pro-Grip® Torch x 5m
033.0046	PRO4001-30ER	Pro-Grip® Torch x 3m
033.0047	PRO4001-40ER	Pro-Grip® Torch x 4m
033.0048	PRO4001-50ER	Pro-Grip® Torch x 5m
033.0107	PRO4001-30ER	Pro-Grip® Torch x 3m
033.0108	PRO4001-40ER	Pro-Grip® Torch x 4m
033.0109	PRO4001-50ER	Pro-Grip® Torch x 5m
034.0001	B5002	Swan Neck
034.0039	PRO5000-30ER	Pro-Grip® Torch x 3m
034.0041	PRO5000-40ER	Pro-Grip® Torch x 3m
034.0044	PRO5000-50ER	Pro-Grip® Torch x 3m
034.0067	PRO5000-30ER	Pro-Grip® Torch x 3m
034.0068	PRO5000-40ER	Pro-Grip® Torch x 3m
034.0069	PRO5000-50ER	Pro-Grip® Torch x 3m
034.0160	PRO5000-30ER	Pro-Grip® Torch x 3m
034.0161	PRO5000-40ER	Pro-Grip® Torch x 3m
034.0162	PRO5000-50ER	Pro-Grip® Torch x 3m
035.0001	B6101	Swan Neck
080.0005	B3644	Snap On Head
080.0006	B3647	Spring Cap
080.0007	B3640	Pressure Arm
080.0009	B3667	Printed Circuit Board 42 Volt
080.0010	B3654	Motor
080.0017	B3657	Retaining Washer
080.0019	B3656-08	Drive Roll 0.8mm
080.0021	B3656-10	Drive Roll 1.0mm
080.0022	B3656-12	Drive Roll 1.2mm
080.0023	B3656-16	Drive Roll 1.6mm
080.0026	B3659	Cable Support
080.0032	B3646	Spring
080.0042	B3641	Pressure Roll
080.0043	B3645	Ball Bearing
081.0002	B3638	Straight Neck
081.0003	B3639	Torch Body
081.0017	B3662	Contact Tube
081.0033	Pp2600A-80	Push Pull Torch x 8m Euro
083.0014	Pp3600A-80	Push Pull Torch x 8m Euro
083.0017	Pp3645A-80	Push Pull x 8m c/w 45° Neck
091.0001	B4051-45	Swan Neck
091.0002	B4051	Straight Neck
091.0003	B4046	Torch Body
091.0043	PP4000W-80	Push Pull Torch x 8m Euro
091.0044	PP4045W-80	Push Pull x 8m C/w 45° Neck
092.0001	B2439-45	Swan Neck
092.0007	B2439	Straight Neck

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Binzel® Stock Code	Parweld Stock Code	Description
092.0018	PP2400W-80	Push Pull Torch x 8m Euro
092.0019	PP2445W-80	Push Pull x 8m c/w 45° Neck
101.0033	B5010-30	Switch Lead Assembly x 3m
101.0037	B5010-40	Switch Lead Assembly x 4m
101.0041	B5010-50	Switch Lead Assembly x 5m
102.0001	B5013	Gas Hose Unreinforced
102.0018	B5013-30	Gas Hose Assembly x 3m
102.0022	B5013-40	Gas Hose Assembly x 4m
102.0025	B5013-50	Gas Hose Assembly x 5m
102.0124	B5013	Gas Hose Unreinforced
103.0002	B5012B	Reinforced Blue Hose
103.0035	B5012-30	Water Inlet Hose Assembly x 3m
103.0040	B5012-40	Water Inlet Hose Assembly x 4m
103.0043	B5012R	Water Inlet Hose Assembly x 5m
103.0079	B5012R	Reinforced Hose Red
103.0082	B5017	Water Outlet Hose O/Braid
104.0015	SAB0049	Heatshrink
105.0013	B1537-30	Cable Assembly Cover x 3m
105.0040	B1537-30	Cable Assembly Cover x 3m
105.0041	B1537-40	Cable Assembly Cover x 4m
107.0004	B5019	Canvas Cover 25mm x 1.5mm
107.0044	B5019-40	Canvas Cover Assembly x 4m
107.0055	B6019	Canvas Cover 28mm x 1.5mm
107.0079	B5019-30	Canvas Cover Assembly x 3m
107.0080	B5019-50	Canvas Cover Assembly x 5m
115.0034	B6015-30	Power Cable Assembly x 3m
115.0039	B6015-40	Power Cable Assembly x 4m
115.0043	B4048-80	Power Cable Assembly x 8m
115.0065	B5015-30	Power Cable Assembly x 3m
115.0070	B5015-40	Power Cable Assembly x 4m
115.0074	B5015-50	Power Cable Assembly x 5m
122.0031	B5033-30	Plain Liner .0409-.0459/1.0-1.2mm x 3m
122.0036	B5033-40	Plain Liner .0409-.0459/1.0-1.2mm x 4m
122.0039	B5033-50	Plain Liner .0409-.0459/1.0-1.2mm x 5m
122.0056	B5034-30	Plain Liner .0459/1/169/1.2-1.6mm x 3m
122.0060	B5034-40	Plain Liner .0459/1/169/1.2-1.6mm x 4m
122.0063	B5034-50	Plain Liner .0459/1/169/1.2-1.6mm x 5m
122.0066	B6033-30	Plain Liner 1/169-5/649/1.6-2.0mm x 3m
122.0067	B6033-40	Plain Liner 1/169-5/649/1.6-2.0mm x 4m
122.0068	B6033-50	Plain Liner 1/169-5/649/1.6-2.0mm x 5m
122.0073	B4033-30	Plain Liner 5/649/3/329/2.0-2.4mm x 3m
122.0075	B4033-40	Plain Liner 5/649/3/329/2.0-2.4mm x 4m
122.0076	B4033-50	Plain Liner 5/649/3/329/2.0-2.4mm x 5m
122.0079	B6034-30	Plain Liner 3/329/2.4mm x 3m
122.0080	B6034-40	Plain Liner 3/329/2.4mm x 4m
122.0083	B6035-30	Plain Liner 3/329/2.4mm x 5m
123.0010	B2524PC	PVC Coated Liner Material
123.0016	B3631PC	PVC Coated Liner Material
124.0001	B1435-30	Steel Liner .0239-.0309 / 0.6-0.8mm x 3m
124.0011	B1535-30	Steel Liner .0239-.0359 / 0.6-0.9mm x 3m
124.0012	B1535-40	Steel Liner .0239-.0359 / 0.6-0.9mm x 4m
124.0015	B1535-50	Steel Liner .0239-.0359 / 0.6-0.9mm x 5m
124.0041	B3631-30	Steel Liner 1/169 / 1.6mm x 3m
124.0042	B3631-40	Steel Liner 1/169 / 1.6mm x 4m
124.0044	B3631-50	Steel Liner 1/169 / 1.6mm x 5m
124.0051	B4631-30	Steel Liner 5/649 / 3/329 / 2.0-2.4mm x 3m
124.0053	B4631-40	Steel Liner 5/649 / 3/329 / 2.0-2.4mm x 4m
124.0055	B4631-50	Steel Liner 5/649 / 3/329 / 2.0-2.4mm x 5m
124.0059	B1435-40	Steel Liner .0239-.0309 / 0.6-0.8mm x 4m
124.0060	B1435-50	Steel Liner .0239-.0309 / 0.6-0.8mm x 5m
125.0001	B1436PS	Nylon Liner Material
125.0004	B1536B	Teflon Liner Material
125.0006	B2513	Teflon Liner Material
125.0007	B2554	Carbon Teflon Liner Material
125.0008	B2564P	Polyamide Liner Material
125.0017	B3626	Yellow Teflon Liner Material
125.0018	B3554	Carbon Teflon Liner Material
126.0005	B1536-30	Teflon Liner .0239-.0359 / 0.6-0.9mm x 3m
126.0008	B1536-40	Teflon Liner .0239-.0359 / 0.6-0.9mm x 4m
126.0011	B1536-50	Teflon Liner .0239-.0359 / 0.6-0.9mm x 5m
126.0013	B1536-80	Teflon Liner .0239-.0359 / 0.6-0.9mm x 8m
126.0021	B2513-30	Teflon Liner .0409-.0459 / 1.0-1.2mm x 3m
126.0026	B2513-40	Teflon Liner .0409-.0459 / 1.0-1.2mm x 4m
126.0028	B2513-50	Teflon Liner .0409-.0459 / 1.0-1.2mm x 5m

Binzel® Stock Code	Parweld Stock Code	Description
126.0030	B2513-80	Teflon Liner .0409-.0459 / 1.0-1.2mm x 8m
126.0039	B3626-30	Teflon Liner .0459-1/169 / 1.2mm-1.6mm x 3m
126.0042	B3626-40	Teflon Liner .0459-1/169 / 1.2mm-1.6mm x 4m
126.0045	B3626-50	Teflon Liner .0459-1/169 / 1.2mm-1.6mm x 5m
126.0047	B3626-80	Teflon Liner .0459-1/169 / 1.2mm-1.6mm x 8m
127.0005	B2554-30	Carbon Teflon Liner .0409-.0459/1.0-1.2mm x 3m
127.0007	B2554-40	Carbon Teflon Liner .0409-.0459/1.0-1.2mm x 4m
127.0008	B2554-50	Carbon Teflon Liner .0409-.0459/1.0-1.2mm x 5m
127.0009	B2554-80	Carbon Teflon Liner .0409-.0459/1.0-1.2mm x 8m
127.0010	B3554-30	Carbon Teflon Liner .0459-1/169/1.2-1.6mm x 3m
127.0012	B3554-40	Carbon Teflon Liner .0459-1/169/1.2-1.6mm x 4m
127.0013	B3554-50	Carbon Teflon Liner .0459-1/169/1.2-1.6mm x 5m
127.0014	B3554-80	Carbon Teflon Liner .0459-1/169/1.2-1.6mm x 8m
128.0003	B1436-30	Nylon Liner .0239-.0309 / 0.6-0.8mm x 3m
128.0007	B1436-40	Nylon Liner .0239-.0309 / 0.6-0.8mm x 4m
128.0012	B1564-30	Polyamide Liner .0309-.0459 / 0.8-1.2mm x 3m
128.0015	B1564-40	Polyamide Liner .0309-.0459 / 0.8-1.2mm x 4m
128.0016	B1564-50	Polyamide Liner .0309-.0459 / 0.8-1.2mm x 5m
128.0019	B1564-80	Polyamide Liner .0309-.0459 / 0.8-1.2mm x 8m
128.0020	B2564-30	Polyamide Liner .0459-1/169 / 1.2-1.6mm x 3m
128.0021	B2564-40	Polyamide Liner .0459-1/169 / 1.2-1.6mm x 4m
128.0023	B2564-50	Polyamide Liner .0459-1/169 / 1.2-1.6mm x 5m
128.0024	B3564-30	Polyamide Liner x 3m 1.6-2.0m
128.0030	B2564-50	Polyamide Liner .0459-1/169 / 1.2-1.6mm x 5m
130.0001	B2515	Teflon Liner Collet 4.0mm
130.0008	B2515	Teflon Liner Collet 4.0mm
131.0001	B2515	Teflon Liner Collet 4.0mm
131.0002	B2615	Teflon Liner Collet 4.7mm
140.0002	B1427-06	Contact Tip .0239 / 0.6mm M5 Ecu
140.0005	B2504-06	Contact Tip .0239 / 0.6mm M6 Ecu
140.0008	B1527-06	Contact Tip .0309 / 0.6mm M6 Ecu
140.0037	B1427-08	Contact Tip .0309 / 0.8mm M5 Ecu
140.0051	B2504-08	Contact Tip .0309 / 0.8mm M6 Ecu
140.0053	B2504-08CR	Contact Tip .0309 / 0.8mm M6 Cr Plated
140.0054	B2505-08	Contact Tip .0309 / 0.8mm M6 Cucrzr
140.0059	B1527-08	Contact Tip .0309 / 0.8mm M6 Ecu
140.0114	B4014-08	Contact Tip .0309 / 0.8mm M8 Ecu
140.0117	B4015-08	Contact Tip .0309 / 0.8mm M8 Cucrzr
140.0169	B2504-09	Contact Tip.0359 / 0.9mm M6 Ecu
140.0172	B2505-09	Contact Tip.0359 / 0.9mm M6 Cucrzr
140.0177	B1527-09	Contact Tip .0359 / 0.9mm M6 Ecu
140.0214	B4014-09	Contact Tip .0359 / 0.9mm M8 Ecu
140.0242	B2504-10	Contact Tip .0409 / 1.0mm M6 Ecu
140.0244	B2504-10CR	Contact Tip .0409 / 1.0mm M6 Cr Plated
140.0245	B2505-10	Contact Tip .0409 / 1.0mm M6 Cucrzr
140.0253	B1527-10	Contact Tip .0409 / 1.0mm M6 Ecu
140.0313	B4014-10	Contact Tip .0409 / 1.0mm M8 Ecu
140.0315	B4014-10CR	Contact Tip .0409 / 1.0mm M8 Cr Plated
140.0316	B4015-10	Contact Tip .0409 / 1.0mm M8 Cucrzr
140.0379	B2504-12	Contact Tip .0459 / 1.2mm M6 Ecu
140.0381	B2504-12CR	Contact Tip .0459 / 1.2mm M6 Cr Plated
140.0382	B2505-12	Contact Tip .0459 / 1.2mm M6 Cucrzr
140.0387	B1527-12	Contact Tip .045 / 1.2mm M6 Ecu
140.0442	B4014-12	Contact Tip .0459 / 1.2mm M8 Ecu
140.0444	B4014-12CR	Contact Tip .0459 / 1.2mm M8 Cr Plated
140.0445	B4015-12	Contact Tip .0459 / 1.2mm M8 Cucrzr
140.0516	B2504-14	Contact Tip .0559 / 1.4mm M6 Ecu
140.0533	B4014-14	Contact Tip .0559 / 1.4mm M8 Ecu
140.0536	B4015-14	Contact Tip .0559 / 1.4mm M8 Cucrzr
140.0555	B2504-16	Contact Tip 1/169 / 1.6mm M6 Ecu
140.0558	B2505-16	Contact Tip 1/169 / 1.6mm M6 Cucrzr
140.0587	B4014-16	Contact Tip 1/169 / 1.6mm M8 Ecu
140.0590	B4015-16	Contact Tip 1/169 / 1.6mm M8 Cucrzr
140.0653	B4014-20	Contact Tip 5/649 / 2.0mm M8 Ecu
140.0679	B4015-24	Contact Tip 3/329 / 2.4mm M8 Cucrzr
140.1108	B6015-16	Contact Tip 1/169 / 1.6mm M10 Cucrzr
140.1109	B6015-24	Contact Tip 3/329 / 2.4mm M10 Cucrzr
140.1134	B6015-20	Contact Tip 5/649 / 2.0mm M10 Cucrzr
140.1135	B6015-28	Contact Tip .1109 / 2.8mm M10 Cucrzr
140.1136	B6015-32	Contact Tip 3.2mm M10 Cucrzr
141.0008	B4014-10A	Contact Tip .0409 / 1.0mm M8 Ecu Alu
141.0015	B4014-12A	Contact Tip .0459 / 1.2mm M8 Ecu Alu
142.0001	B2506	Tip Adaptor M8
142.0003	B2412	Tip Adaptor

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Binzel® Stock Code	Parweld Stock Code	Description
142.0005	B3612	Tip Adaptor 28.5mm M6
142.0007	B2612	Tip Adaptor M8
142.0011	B3613	Tip Adaptor 31.5mm M6
142.0020	B3614	Tip Adaptor 28.5mm M8
142.0021	B4005	Tip Adaptor
142.0022	B5001	Tip Adaptor 25.0mm M8
142.0027	B5001I	Tip Adaptor 29.0mm M8
142.0028	B6003	Tip Adaptor M8
142.0032	B6003M10	Tip Adaptor M10
145.0031	B1431	Spot Welding Nozzle Screw On 1/29/13mm
145.0041	B1529	Cylindrical Nozzle
145.0042	B2507	Cylindrical Nozzle 5/79 / 18mm
145.0045	B3615	Cylindrical Nozzle 3/49 / 19mm
145.0047	B2415	Cylindrical Nozzle 11/169/17mm
145.0051	B5027	Cylindrical Nozzle 3/49 / 19mm
145.0075	B1530	Conical Nozzle 15/329 / 12mm
145.0076	B2508	Conical Nozzle 19/329 / 15mm
145.0078	B3616	Conical Nozzle 5/89 / 16mm
145.0079	B4017	Conical Nozzle 5/79 / 18mm
145.0080	B2416	Conical Nozzle 1/29 / 13mm
145.0081	B6004	Conical Nozzle 25/329 / 20mm
145.0085	B5028	Conical Nozzle 5/89 / 16mm
145.0086	B5028HD	Heavy Duty Conical Nozzle 5/89 / 16mm
145.0089	RB4508	Conical Nozzle 15.5 x 67.5
145.0090	RB2408	Conical Nozzle 15.5 x 62
145.0123	B1531	Tapered Nozzle
145.0124	B2509	Tapered Nozzle 15/329 / 12mm
145.0126	B3617	Tapered Nozzle 15/329 / 12mm
145.0128	B2417	Tapered Nozzle 3/89/10mm
145.0132	B5029	Tapered Nozzle 9/169 / 14mm
145.0134	RB4509	Tapered Nozzle 13 x 67.5
145.0135	RB2409	Tapered Nozzle
145.0143	B1532	Bottle Nozzle 1/29/13mm
145.0144	B2510	Bottle Nozzle 19/329 / 15mm
145.0168	B1533	Spot Welding Nozzle 5/89/16mm
145.0169	B2511	Spot Welding Nozzle
146.0054	RB4505	Nozzle Insulator M18 x 10
146.0055	RB2405	Nozzle Insulator M16 x 21
146.0061	RB2405	Nozzle Insulator M16 x 21
152.0004	B6008-30	Outer Liner Assembly x 3m
152.0005	B6008-40	Outer Liner Assembly x 4m
153.0028	B5008-80	Outer Liner Assembly x 8m
153.0129	B3673	Power Cable Assembly x 8m
155.0008	B5008-30	Outer Liner Assembly x 3m
155.0009	B5008-40	Outer Liner Assembly x 4m
155.0010	B5008-50	Outer Liner Assembly x 5m
160.0016	B1417-30	Hyperflex™ Cable Assembly x 3m
160.0024	B1417-40	Hyperflex™ Cable Assembly x 4m
160.0065	B1517-30	Hyperflex™ Cable Assembly x 3m
160.0078	B1517-40	Hyperflex™ Cable Assembly x 4m
160.0091	B1517-50	Hyperflex™ Cable Assembly x 5m
160.0128	B2503-30	Hyperflex™ Cable Assembly x 3m
160.0142	B2503-40	Hyperflex™ Cable Assembly x 4m
160.0155	B2503-50	Hyperflex™ Cable Assembly x 5m
160.0169	B2303-30	Hyperflex™ Cable Assembly x 3m
160.0174	B2303-40	Hyperflex™ Cable Assembly x 4m
160.0181	B2303-50	Hyperflex™ Cable Assembly x 5m
160.0239	B2603-30	Hyperflex™ Cable Assembly x 3m
160.0255	B2603-40	Hyperflex™ Cable Assembly x 4m
160.0267	B2603-50	Hyperflex™ Cable Assembly x 5m
160.0364	B3609-30	Hyperflex™ Cable Assembly x 3m
160.0379	B3609-40	Hyperflex™ Cable Assembly x 4m
160.0391	B3609-50	Hyperflex™ Cable Assembly x 5m
160.0486	B4010-30	Hyperflex™ Cable Assembly x 3m
160.0500	B4010-40	Hyperflex™ Cable Assembly x 4m
160.0513	B4010-50	Hyperflex™ Cable Assembly x 5m
160.0549	B6075-30	Power Cable Assembly x 3m
160.0560	B6075-40	Power Cable Assembly x 4m
165.0002	B1524	Gun Plug 'O' Ring
165.0008	B2518	Teflon Liner 'O' Ring
165.0054	B2518	Teflon Liner 'O' Ring
171.0001	B5024	Water Hose Clamp 9.5mm
171.0002	B5025	Water Hose Clamp 8.7mm
171.0004	B5026	Water Hose Clamp 10.5mm

Binzel® Stock Code	Parweld Stock Code	Description
175.0003	B1523	Gun Plug Terminal
175.0004	B1522	Cable Terminal Male
175.0022	B1521	Cable Terminal
180.0001	B3630	Automatic Handle
180.0017	B1414	Ergo Handle Kit c/w Lock Nut
180.0029	B4514	Ergo Handle c/w Lock Nut
180.0035	B1508	Microswitch Handle Kit c/w Nut
180.0039	B1509	Bladeswitch Handle Kit
180.0077	B2514	Ergo Handle Kit c/w Lock Nut
185.0005	B1408/B	Bladeswitch Trigger
187.0006	B5922	Potentiometer 2.2 K.Ohm
191.0001	B1536	Spanner
400.0012	B1510	Microswitch
400.0044	B1515	Location Body
400.0088	B1511	Handle Spring
400.0089	B1512	Microswitch Trigger
400.0095	B1514	Handle Nut
400.0099	B8012	Ergo Cable Support Large
400.0100	B8011	Ergo Cable Support Small
400.0114	B2519	Hexagonal Fitting
400.0156	B2517	Hanger Hook
400.0189	B5020	Cable Support
501.0003	B1528	Gun Plug Body c/w Spring Pins
501.0005	B3666	Gun Plug Body
501.0014	B1519/BK	Gun Plug Nut – Black
501.0015	B5098	Gun Plug Body c/w Spring Pins
501.0020	B4038	Gun Plug Body c/w Spring Pins
501.0045	B1518/BK	G.P. Housing Black c/w Nut
501.0054	B6028	Gun Plug Body c/w Spring Pins
501.0073	B5022	Gun Plug Housing
501.0077	B6029	Gun Plug Body c/w Spring Pins
501.0082	B1525	Liner Nut
501.0114	B5023	Water Hose Nipple
501.0129	B6025	Liner Nut RZ-2
501.0190	B5034	Snap On Water Connector
600.0050	SAB3693	Fume Nozzle
602.0012	SAB1593	Fume Nozzle
602.0035	SAB1501	Swan Neck
604.0037	SAB2593	Fume Nozzle
604.0079	SAB2501	Swan Neck
612.0001	SAB2493	Fume Nozzle
612.0020	SAB2401	Swan Neck
614.0036	SAB3603	Swan Neck
614.0049	SAB3600-30ER	Fume Extraction Torch x 3m
614.0050	SAB3600-40ER	Fume Extraction Torch x 4m
614.0051	SAB3600-50ER	Fume Extraction Torch x 5m
623.0030	SAB2592	Front Extraction Chamber
623.0031	SAB2409	Swan Neck
634.0036	SAB5002	Swan Neck
902.0007	SAB1507	Tip Adaptor
904.0003	B2520	Auto Straight Neck
904.0021	B2500-20A	Auto Torch x 2m Euro
904.0026	B2500-30A	Auto Torch x 3m Euro
904.0046	B2500-40A	Auto Torch x 4m Euro
914.0002	B3627	Auto Straight Neck
914.0008	B3600-20A	Auto Torch x 2m Euro
914.0013	B3600-30A	Auto Torch x 3m Euro
914.0015	B3600-40A	Auto Torch x 4m Euro
915.0001	B4028	Auto Straight Neck
915.0006	B4000-30A	Auto Torch x 3m Euro
915.0015	B4000-40A	Auto Torch x 4m Euro
923.0001	B2427	Auto Straight Neck
923.0005	B2400W-30A	Auto Torch x 3m Euro
923.0006	B2400W-40A	Auto Torch x 4m Euro
932.0002	B5002A-45	Auto Neck 45 Degree
932.0045	B5000-30A	Auto Torch x 3m Euro
932.0050	B5000-40A	Auto Torch x 4m Euro
934.0001	B5002A	Auto Straight Neck
934.0027	B5000-20A	Auto Torch x 2m Euro
934.0032	B5000-30A	Auto Torch x 3m Euro
962.0222	RB2498	Steel Neck Liner .0309-.0409 / 0.8-1.0
962.0229	RB2499	Steel Neck Liner .0409-.0459 / 1.0-1.2

Murex® Mechafin®

Mechafin® Stock Code	Parweld Stock Code	Description
54004	1406336	Nozzle Long Tapered Spray 19/329 / 15mm
51019	1412546	Nozzle Holder/Insulator
51023	1408600	Nozzle Short Dip 15/329 / 12mm
51026	1408599	Nozzle Standard Dip 15/329 / 12mm
52002	1412549	Gas Diffuser
52003	1412548	Nozzle Insulator
53001	1408620	Nozzle Insulator
53002	1408655	Gas Diffuser
53003	1408602	Nozzle Short Tip 1/29 / 13mm
53004	1411350	Nozzle Standard Dip 1/29 / 13mm
53005	1408604	Nozzle Parallel 5/89 / 16mm
54001	1408621	Nozzle Insulator
54002	1412563	Gas Diffuser
54003	1408605	Nozzle Tapered Dip 9/169 / 14mm
54006	1406336	Nozzle Long Tapered Spray
54009	1412490	Small Bore Nozzle Insulator
54028	1414717	Small Bore Spray Nozzle
54099	1408656	Gas Diffuser
55001	1408623	Nozzle Insulator
55002	1408658	Gas Diffuser
55009	1408607	Nozzle Heavy Duty Tapered Spray .0679 / 17mm
57001	1412475	Neck Washer
57002	1412560	Neck Washer
57151	1412530	Steel Liner x 3m
57154	1412531	Steel Liner x 4.5m
57155	1414763	Polyamide Liner x 3.5m
57158	1414764	Polyamide Liner x 4.5m
57191	1412532	Steel Liner x 3m
57194	1412533	Steel Liner x 4.5m
57195	1412534	Steel Liner x 3m
57198	1412535	Steel Liner x 4.5m
57261	1412536	Steel Liner x 3m
57264	1412537	Steel Liner x 4.5m
57254	1414765	Polyamide Liner x 4.5m
57501	1412563	Gas Diffuser
57606	1408700	Contact Tip .0239 / 0.6mm Ecu M6
57608	1408701	Contact Tip .0309 / 0.8mm Ecu M6
57610	1408703	Contact Tip .0409 / 1.0mm Ecu M6
57612	1408704	Contact Tip .0459 / 1.2mm Ecu M6
57808	1408710	Contact Tip .0309 / 0.8mm Ecu M8
57810	1408712	Contact Tip .0409 / 1.0mm Ecu M8
57812	1408713	Contact Tip .0459 / 1.2mm Ecu M8
57816	1408714	Contact Tip 1/169/ 1.6mm Ecu M8
57820	1408715	Contact Tip 5/64"/ 2.0mm Ecu M8

Note: All Registered Trademarks listed are the property of their respective manufacturer.
Reference to the original manufacturer is for reference only.

Company Details

Name of Buyer

Full Name of Applicant

The name of the applicant is the person or body accepting full responsibility for settlement. If a partnership, name of partners. If a Ltd Company, give full trading title of company.

Telephone Number

Fax Number

Email Address

Trading Title (if different)

Invoice Address

Post Code

Address of Registered Office (if different)

Post Code

Country of Registration and Number

Type of Account Required (please tick)

☐ Credit Card Account ☐ 30 Day Credit Account

Monthly Credit Required

Time Company established Years Months

Parweld distributes to distributors only we do not supply end users direct.

VAT Registration Number

Trade References

Trade Reference 1

Post Code

Telephone Number

Trade Reference 2

Post Code

Telephone Number

Parweld supplies only genuine distributors. I hereby state that I am a genuine distributor and any products purchased by me from Parweld are for resale and not for my personal use. If I cease to trade as a distributor, I will inform Parweld immediately and my account will be closed. Parweld reserves the right to close my account at any time it is discovered (or there are reasonable grounds to suspect) that I am not a genuine distributor. The information given is a true statement of the facts requested. Accounts are granted subject to statutes and a credit check with a third party.

Are the products purchased for resale? (Please tick) • Yes • No

Name

Signature

Date

Invoice Name

Company Name

Invoice Address

Post Code

Email Address

Delivery

Delivery Name (if different)

Delivery Address

Post Code

Telephone Number (inc. Std. Code)

Account Number

Signature

Your Order

[illegible]

Payment Details

Your order will be accepted once an account application form has been submitted and approved.

We Accept

**Method of Payment** (please tick)

☐ Credit Card ☐ Debit Card ☐ Authorised Credit Account

Card Number

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

Switch Issue Number Valid From Expiry Date **Card Holders Name** (if different)

1. INTERPRETATION

In these conditions:

"BUYER" means the person who accepts a quotation of the Seller for the sale of the Goods or whose order for the Goods is accepted by the Seller

"GOODS" means the Goods (including any instalment of the goods or any parts for them) which the Seller is to supply in accordance with these Conditions

"SELLER" means PARWELD LIMITED, Parweld House, Bewdley Business Park, Long Bank, Bewdley, Worcestershire, DY12 2TZ.

2. BASIS OF THE SALE

- 2.1 The Seller shall sell and the Buyer shall purchase the Goods in accordance with any written quotation of the Seller which is accepted by the Buyer, or any written order of the Buyer which is accepted by the Seller, subject in either case to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions subject to which any such quotation is accepted or purported to be accepted, or any such order is made or purported to be made, by the Buyer.
- 2.2 No variation to these Conditions shall be binding unless agreed in Writing between the authorised representatives of the Buyer and the Seller.
- 2.3 The Seller's employees or agents are authorised to make any representations concerning the Goods unless confirmed by the Seller in Writing in entering into the Contract the Buyer acknowledges that it does not rely on, and waives any claim for breach of any such representations which are not so confirmed.

3. ORDERS AND SPECIFICATIONS

- 3.1 No order submitted by the Buyer shall be deemed to be accepted by the Seller unless and until confirmed in Writing by the Seller's authorised representative
- 3.2 The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms or any order (including any applicable specification) submitted by the Buyer, and for giving the Seller any necessary information relating to the Goods within sufficient time to enable the Seller to perform the Contract in accordance with its terms
- 3.3 The quantity, quality and description of and any specification for the Goods shall be those set out in the Seller's quotation (if accepted by the Buyer) or the Buyer's order (if accepted by the Seller)
- 3.4 No order which has been accepted by the seller may be cancelled by the Buyer except with the agreement in Writing of the Seller and on terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation
- 3.5 Goods may be accepted for return at the discretion of the Seller provided they are in the condition they were in when they left the Seller's premises. In such circumstances the Seller shall charge a restocking charge equal to 15% of the price in accordance with the Seller's policy at the time of such return and may deduct the same from any moneys to be refunded to the Buyer

4. PRICE OF THE GOODS

- 4.1 The price of the Goods shall be the Seller's quoted price or, where no price has been quoted (or a quoted price is no longer valid), the price listed in the Seller's published price list current at the date of despatch of the goods. All prices quoted are valid for 30 days only or until earlier acceptance by the Buyer, after which time they may be altered by the Seller without giving prior notice to the Buyer
- 4.2 The Seller reserves the right, by giving notice to the Buyer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost to the Seller which is due to any factor beyond the control of the Seller (such as, without limitation, any foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in the costs of labour, materials or other costs of manufacture), any change in delivery dates, quantities or specification for the Goods which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions
- 4.3 Except as otherwise stated under the terms of any quotation or in any price list of the Seller, and unless otherwise agreed in Writing between the Buyer and the Seller, all prices are given by the Seller on an ex works basis and where the Seller agrees to deliver the

Goods otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport, packaging and insurance

- 4.4 The price is exclusive of any applicable value added tax which the Buyer shall be additionally liable to pay the Seller

5. TERMS OF PAYMENT

- 5.1 Subject to any special terms agreed in Writing between the Buyer and the Seller, the Seller shall be entitled to invoice the Buyer for the price of the Goods on or at any time after delivery of the Goods, unless the Goods are to be collected by the Buyer or the Buyer wrongfully fails to take delivery of the Goods, in which event the Seller shall be entitled to invoice the Buyer for the price at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case maybe) the Seller has tendered delivery of the Goods
- 5.2 The Buyer shall pay the price of the Goods (less any discount to which the Buyer is entitled, but without any other deduction) within 60 days of the end of the month in which the Seller's invoice is dated, notwithstanding that delivery may not have taken place and the property in the Goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract. Receipts for payment will be issued only upon request
- 5.3 If the Buyer fails to make any payment on the due date without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to:
 - 5.3.1 cancel the Contract or suspend any further deliveries to the Buyer;
 - 5.3.2 appropriate any payment made by the Buyer to such of the Goods (or goods supplied under any other contract between the Buyer and the Seller) as the Seller may think fit (not withstanding any purported appropriation by the Buyer);
 - 5.3.3 charge the Buyer interest (both before and after any judgement) on the amount unpaid, at the rate of 2% per cent per annum above Barclays Bank base rate from time to time, until payment in full is made (a part of a month being treated as a full month for the purpose of calculating interest).
 - 5.3.4 cancel or withdraw any discounts given or offered to the Buyer
- 5.4 In consideration of Parweld Ltd agreeing to grant credit to the company applying for credit herein ("the Company") I hereby unconditionally and irrevocably guarantee the due and punctual performance and observance of all the terms conditions and covenants contained herein on the part of the Company, and as primary obligor and not merely surety agree to indemnify and keep you indemnified against all action losses proceedings, damages and expenses whatever arising as a result of any failure by the company to comply with the terms of this agreement.

6. DELIVERY

- 6.1 Delivery of the goods shall be made by the Buyer collecting the Goods at the Seller's premises at any time after the Seller has notified the Buyer that the Goods are ready for collection or, if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place at the Buyer's cost and risk
- 6.2 Any dates quoted for the delivery of the Goods are approximate only and the Seller shall not be liable for any delay in delivery of the Goods howsoever caused. Times for delivery shall not be of the essence unless previously agreed by the Seller in writing. The Goods may be delivered by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Buyer
- 6.3 Where the goods are to be delivered in instalments, each delivery shall constitute a separate contract and failure by the Seller to deliver any one or more instalments in accordance with these conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat, the Contract as a whole as repudiated
- 6.4 If the Seller fails to deliver the Goods for any reason other than cause beyond the Seller's reasonable control or the Buyer's fault, and the Seller is accordingly liable to the Buyer, the Seller's liability shall be limited to the excess (if any) of the cost to the Buyer (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods
- 6.5 If the Buyer fails to take delivery of the Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise than by reason of any cause beyond the Buyer's reasonable control or by reason of the Seller's fault) then without prejudice to any other right or remedy available to the Seller, the Seller may;

- 6.5.1 store the Goods until actual delivery and charge the Buyer for the reasonable costs (including insurance) of storage; or
- 6.5.2 sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the Contract or charge the Buyer for any shortfall below the price under the Contract
- 6.6 All fitting and maintenance of the Goods shall be the responsibility of the Buyer.

7. RISK AND PROPERTY

- 7.1 Risk of damage to or loss of the Goods shall pass to the Buyer:
- 7.1.1 in case of Goods to be delivered at the Seller's premises, at the time when the Seller notifies the Buyer that the Goods are available for collection; or
- 7.1.2 in the case of the Goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods
- 7.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the Goods and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due
- 7.3. Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as the Seller's fiduciary agent and bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Seller's property. Until that time the Buyer shall be entitled to resell or use the Goods in the ordinary course of its business, but shall account to the Seller for the proceeds of sale or otherwise of the Goods, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any moneys or property of the Buyer and third parties and, in the case of tangible proceeds, properly stored, protected and insured
- 7.4. Until such time as the property in the Goods passes to the Buyer (and provided the Goods are still in existence and have not been resold), the Seller shall be entitled at any time to require the Buyer to deliver up the Goods to the Seller and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the Goods are stored and repossess the Goods
- 7.5 The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of the Seller, but if the Buyer does so all moneys owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable

8. WARRANTIES AND LIABILITY

- 8.1 Subject as expressly provided in these Conditions, the Seller warrants the Goods will comply with the description set out in the catalogue issued by the Seller from time to time. All other conditions warranties terms and undertakings express or implied statutory or otherwise in respect of the goods are hereby excluded
- 8.2 Where the Goods are sold under a consumer transaction (as defined by the Consumer Transactions (Restrictions and Statements order 1976) the statutory rights of the Buyer are not affected by these conditions
- 8.3 Any claim by the Buyer which is based on any defect in the quality or condition of the goods or their failure to correspond with specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller within 7 days from the date of delivery or where the defect or failure was not apparent on reasonable inspection) within a reasonable time after discovery of the defect or failure. If delivery is not refused, and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Goods had been delivered in accordance with the Contract.
- 8.4 Where any valid claim in respect of any of the Goods which is based on any defect in the quality or condition of the Goods or their failure to meet specification is notified to the Seller in accordance with these conditions, the Seller shall be entitled to replace or repair the Goods (or the part in question) free of charge

or, at the Seller's sole discretion, refund to the Buyer the price of the Goods (or a proportionate part of the price), but the Seller shall have no further liability to the Buyer and this shall be the Seller's entire liability to the Buyer in respect of any such claim

- 8.5 Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation, or any implied warranty, condition or other term, or any duty or common law, or under the express terms of the Contract, for any consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for consequential compensation whatsoever (and whether caused by the negligence of the Seller, its employees or agents or otherwise) which arise out of or in connection with the supply of the Goods or their use or resale by the Buyer, except as expressly provided in these conditions

- 8.6 The Seller shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Goods, if the delay or failure was due to any cause beyond the seller's reasonable control. Without prejudice to the generality of the foregoing causes beyond the Seller's reasonable control shall include Act of God, explosion, flood, tempest, fire or accident; war or threat of war, sabotage, insurrection, civil disturbance or requisition; acts, restrictions, regulations, bye-laws, prohibitions or measures of any kind on the part of any Governmental, Parliamentary or local authority; import or export regulations or embargoes; strikes, lock outs or other industrial actions or trade disputes (whether involving employees of the Seller or of a third party); difficulties in obtaining raw materials, labour, fuel, parts or machinery; power failure or breakdown in machinery

9. INSOLVENCY OF THE BUYER

- 9.1 This clause applies if:
- 9.1.1 The Buyer makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being a Company) goes into liquidation (otherwise than for the purposes of amalgamation or reconstruction), or
- 9.1.2 an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer; or
- 9.1.3 the Buyer ceases, or threatens to cease, to carry on business or
- 9.1.4 the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly
- 9.2 If this clause applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement to the contrary

10. GENERAL

- 10.1 Any notice required or permitted to be given by either party to the other under these Conditions shall be in Writing addressed to that other party at its registered office or principal place of business or such address as may at the relevant time have been notified pursuant to this provision to the party giving the notice
- 10.2 No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.
- 10.3 If any provision of these conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby
- 10.4 The Contract shall be governed by the laws of England.

Disclaimer

Parweld is an independent manufacturer and wholesaler of welding equipment and is no way connected or affiliated with any of the manufacturers referred to in this catalogue.

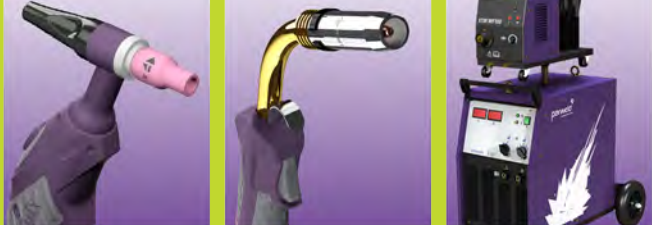
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