PRODUCT CATALOGUE

ISSUE 2



parweld

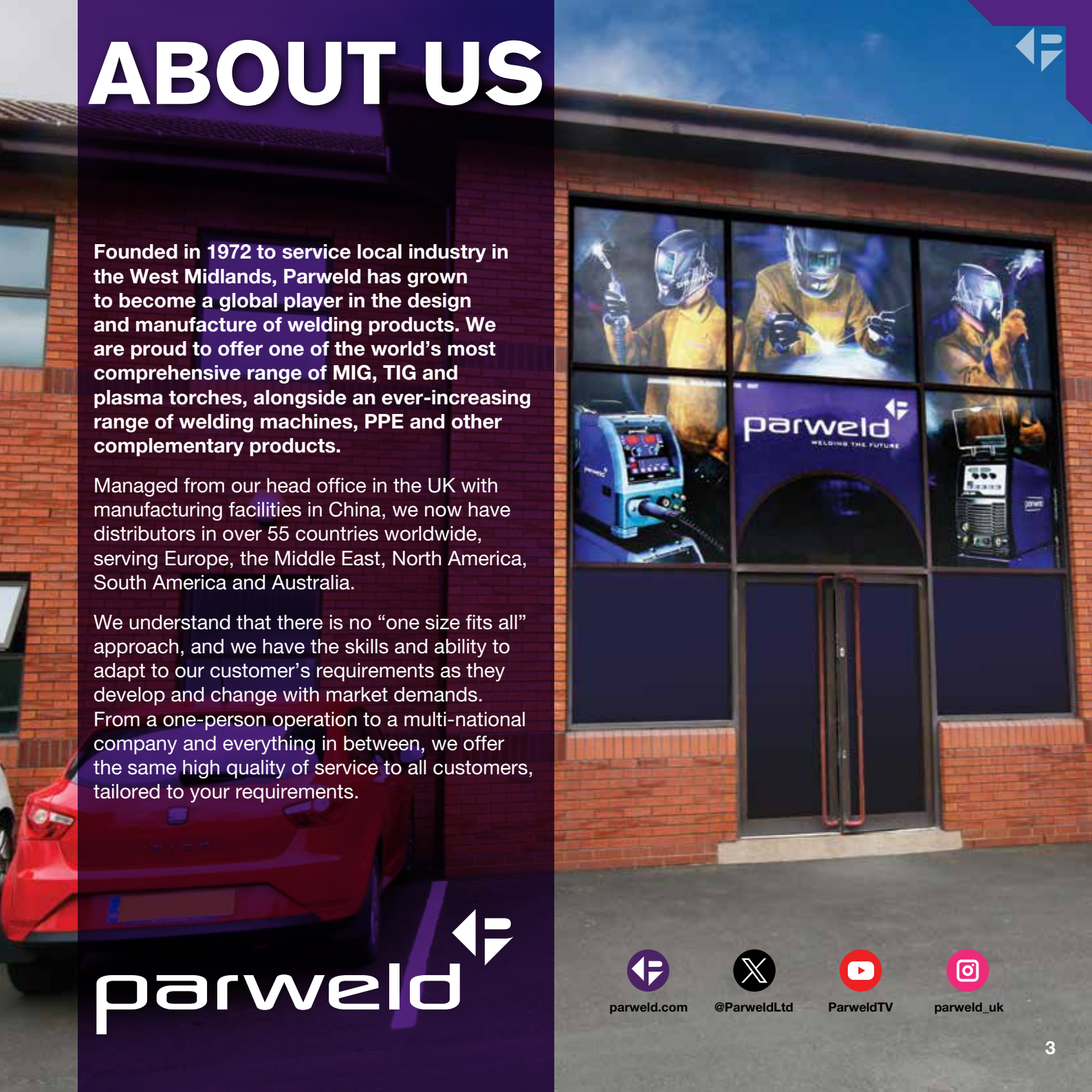
WELDING THE FUTURE

ABOUT US

Founded in 1972 to service local industry in the West Midlands, Parweld has grown to become a global player in the design and manufacture of welding products. We are proud to offer one of the world's most comprehensive range of MIG, TIG and plasma torches, alongside an ever-increasing range of welding machines, PPE and other complementary products.

Managed from our head office in the UK with manufacturing facilities in China, we now have distributors in over 55 countries worldwide, serving Europe, the Middle East, North America, South America and Australia.

We understand that there is no "one size fits all" approach, and we have the skills and ability to adapt to our customer's requirements as they develop and change with market demands. From a one-person operation to a multi-national company and everything in between, we offer the same high quality of service to all customers, tailored to your requirements.



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parweld.com @ParweldLtd ParweldTV parweld_uk

DESIGN

Our aim has always been to take a fresh approach to the industry. We develop innovative, groundbreaking products that offer practical solutions to business needs.

We have an extensive, proven track record of taking ideas from concept to the final manufactured product, but the process doesn't stop there. We continually work to improve and enhance our existing products based on technological advances and customer feedback.

Our designers and engineers have extensive experience in welding applications and a deep understanding of the demands of the product's operational environment.

Throughout the design process, our products go through comprehensive testing with the aid of advanced 3D design, modelling software, prototyping, and extensive on-site application testing.

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MANUFACTURE

By utilising facilities in the UK and China, we can provide the "best of both worlds" with short lead times, the ability to produce completely bespoke products, excellent transport links and extensive warehousing.

Parweld's UK manufacturing allows rapid manufacture of standard and bespoke products, whatever your requirements.

Our state-of-the-art manufacturing and production facility in China enables us to adapt to our customer's demands while maintaining complete control over the quality and consistency of our products.

Whether you need one or 1,000 torches, we have the flexibility, skills and technology to meet your needs.

parweld

THE PARWELD DIFFERENCE

At Parweld we know there is no “one size fits all” approach to welding equipment.

Parweld offers a comprehensive range of welding equipment and related products we can manufacture and adapt products to your specific needs.

Parweld controls the engineering, specification and production of all the products it sells to ensure Parweld is a brand you can trust to deliver performance and value for money.

Our dynamic and knowledgeable team can assist with selecting the right product for your specific requirements, supporting you and your customer with product demonstrations and technical support and where required bespoke design and manufacture.

parweld

NEW PRODUCTS



PRO-FUME 360A & PRO-FUME 501W

Air and water cooled fume MIG torches have been designed to the highest industrial standards.

Pages 62 to 66





GIVE YOUR WELDING THE PARWELD EDGE

EDGE LAMINAR FLOW SERIES

EDGE SHORTY SERIES

EDGE QUARTZ SERIES

Pages 164 to 171



PRO-GRIP MAX™ 501XW

Water Cooled MIG Torch

Page 100



PIPE WALKER CERAMIC CUP CONSUMABLES

Page 163

XTT 212Di AC/DC PULSED TIG INVERTER

This dual voltage compact machine offers the user the benefits of a 230V workshop machine with the flexibility of 110V site machine.

Page 275



NEW PRODUCTS

XTT 315Di AC/DC MULTI WAVE TIG INVERTER MACHINE

Page 278



PANTHER PRO DEER SKIN TIG GLOVE

Deer skin soft leather.

Page 330





PANTHER BLACK SHORT TIG GLOVE

Goat skin soft leather.

Page 331



XTS 909 WATER COOLER

Page 293



PANTHER BLACK LEATHER SLEEVE WELDERS JACKET

Split cow skin leather with FR cotton body.

Page 334



PANTHER BLACK MIG GAUNTLET GLOVE

Goat skin soft leather.

Page 327

NEW PRODUCTS

PANTHER BLACK LEATHER CAPE WELDERS JACKET

Split cow skin leather with FR cotton body.

Page 335



WELDING TORCH HOLDERS

MTH MIG torch holder.

TTH TIG torch holder.

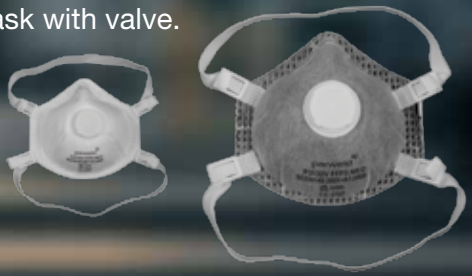
Page 376



RESPIRATORY PROTECTION

FFP3 face mask with valve.

Page 362



WORK HOLDING MAGNETS

Allows joint setting at 90° and 45° internal or external corners.

Page 376



MAGNETIC EARTH CLAMPS

Page 366



2% LANTHANATED TUNGSTEN ELECTRODES - BLUE

Composition: 99% Tungsten, 2% Lanthanum.

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parweld
WELDING THE FUTURE

XP8

when productivity counts

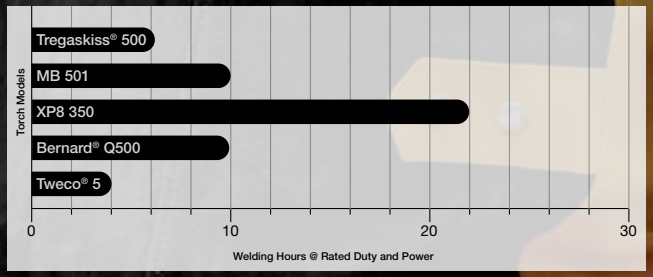
Designed around today's production environment, modern welding techniques and equipment, the XP8 sets new standards in design, innovation and performance.

REDUCED DOWNTIME - productivity is the key, with the XP8's industry leading 80% duty cycle on air cooled torches keep welding for longer.

EXCEPTIONAL COOLING - our patented gas flow technology uses the shielding gas to force cool the contact tip.

SUPERIOR ERGONOMICS - designed to give a neutral wrist position and reduce RSI risks.

EXTENDED CONSUMABLE LIFE SPAN - contact tips last twice as long as our competitors.



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SETTING STANDARDS IN DESIGN & PERFORMANCE

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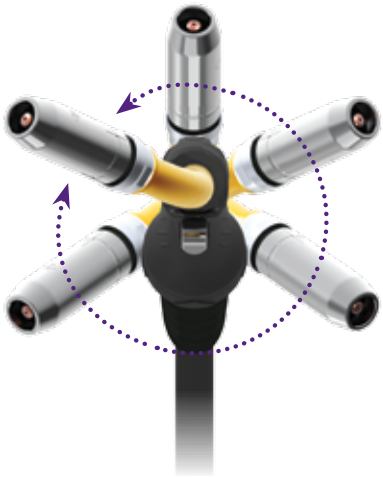
WHAT MAKES THE XP8 SPECIAL?

XP8 WILL:

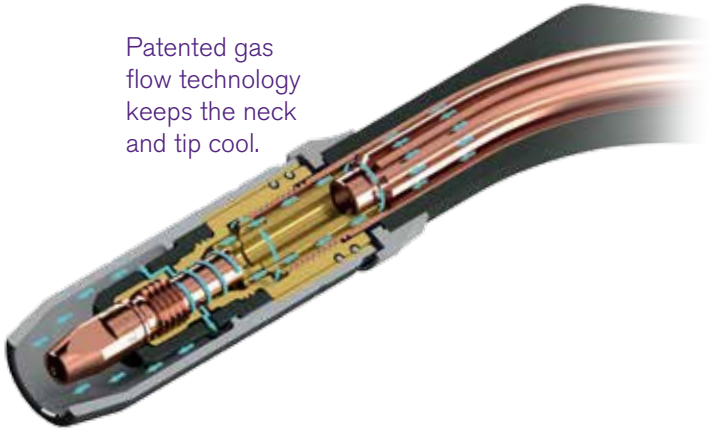
Reduce consumable consumption by up to 70%

Reduce welder downtime by up to 50%

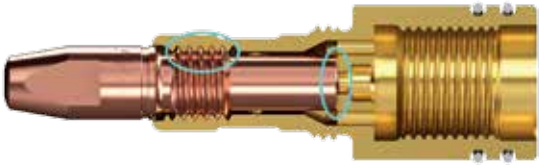
OUT PERFORM YOUR CURRENT TORCH



Fully rotating neck available in a range of different lengths for multi-positional welding in those limited access, difficult to reach locations.



Patented gas flow technology keeps the neck and tip cool.



Exceptionally long lifespan contact tips. Dual contact points achieve maximum current transfer.



Wide range of configuration options available, including a fully rotating neck to comfortably weld at any angle.

A NEW WAY OF WORKING

XP8 IS RATED IN KILOWATTAGE – WHY?

Amperages and duty cycles alone are arbitrary measures of a torches capability. The XP8 is rated in Amps as a guideline, but for a more accurate rating we take wire type, gas type, flow rate and open circuit voltage into consideration, and use the Kilowattage requirement of an application.

WHICH TORCH SHOULD I SELECT?

	MIXED GAS (80/20)			
MODEL	AMPS	KW	DUTY CYCLE	MAX. WIRE SIZE
XP8-200A	200	6.0	80%	1.2mm (.045")
XP8-300A	300	8.7	80%	1.2mm (.045")
XP8-350A	350	10.5	80%	1.6mm (1/16")
XP8-400A	400	12.0	80%	2.4mm (3/32")
XP8-320W	320	9.6	100%	1.6mm (1/16")
XP8-450W	450	15.8	100%	2.4mm (3/32")

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

WILL THE GAS USED AFFECT PERFORMANCE?

The use of different gas types can have a marked effect on the performance of air cooled MIG torches.

Generally the higher the content of CO_2 in the shielding gas, the better the performance.

	MIXED GAS (80/20)		MIXED GAS (95/5)		100% CO_2	
MODEL	AMPS	KW	AMPS	KW	AMPS	KW
XP8-200A	200	6.0	200	6.0	260	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 WIRE TYPE AFFECT PERFORMANCE?

Yes, but not to the same extent as other variables.

	STEEL (80/20)		ALUMINIUM (100% AR)		CORED (18/20)	
MODEL	AMPS	KW	AMPS	KW	AMPS	KW
XP8-200A	200	6.0	200	6.0	200	6.2
XP8-300A	300	8.7	280	8.4	300	9.3
XP8-350A	350	10.5	300	9.0	350	10.5
XP8-400A	400	12.0	300	9.0	400	12.0
XP8-320W	320	9.6	320	9.6	320	9.6
XP8-450W	450	15.8	450	15.8	450	15.8

WILL A PULSE WELDING PROCESS AFFECT PERFORMANCE?

The effect of pulse welding on air cooled torches is dramatic.

In the XP8 the effect is similar for all wire types when using a pulse process.

	MIXED GAS (95/5)		
MODEL	AMPS	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%

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

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

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

KEY FEATURES

Every component in the XP8 has been designed and manufactured using high specification materials, with performance and service life in mind. We focus on the user, and have worked to ensure that every aspect of the torch is simple, efficient and effective.

We continuously innovate to ensure that the XP8 torch is at the forefront of performance and technology.

SWAN NECKS

Lightweight, durable and robust impact resistant covering. Overmould prevents transfer of reflected heat through neck and shorting the neck to the work piece.

CONDUCTOR FRONT

Hardened brass allows necks to better withstand stresses of head tightening, helping to maintain gas flow and prevent gas leakage.

BALL JOINT SYSTEM

High flex system for maximum manoeuvrability.



HANDLE SYSTEM

Integrated dual grips with increased ribbing for a relaxed grip, superior comfort and ease of handling.

Screwless design with modular fit concept.

MATERIAL

Increased wall thickness improves strength.

SIDE VENTS

Dual vents for maximum cooling.

TRIGGER

Encapsulated trigger extends service life.

Thumb rest offers additional comfort.

TRIGGER GUARD

Further reduces the risk of unintentional activation and damage.

BACK END

Greater protection for cables and hoses.

WATER COOLED CONNECTIONS

Improved water hose connector to withstand flexing and bending.



CONTACT TIPS

Smooth wire feed.

Force cooling for longer life span.

NOZZLES

Self insulated.

MACHINE END SYSTEMS

Extra length cable support. Simple snap fit and spring loaded pins for ease of use.

CABLES

Hydroflex™ and Hyperflex™ cable systems offer the ultimate in performance.

Crimp system ensures guaranteed sealing.

WATER COOLED HARNESS

Section increased from 12mm to 16mm copper conductor.

Outer liner tube now with 25% increase in flexibility.



KEY FEATURES - ROTATING NECK

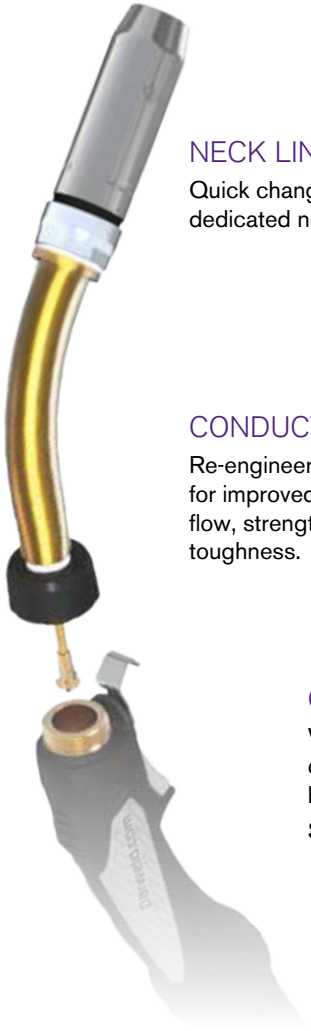
With the same high performance features as the standard XP8 torch, Parweld now offer a fully rotating neck for multi-positional welding.

Enabling the user to comfortably weld in difficult to reach locations, the XP8 rotating neck reduces fatigue and allows a high quality weld whatever the position.

FULLY ROTATING NECK

Comfortably weld at any angle.





NECK LINERS

Quick change with dedicated neck liners.

CONDUCTOR

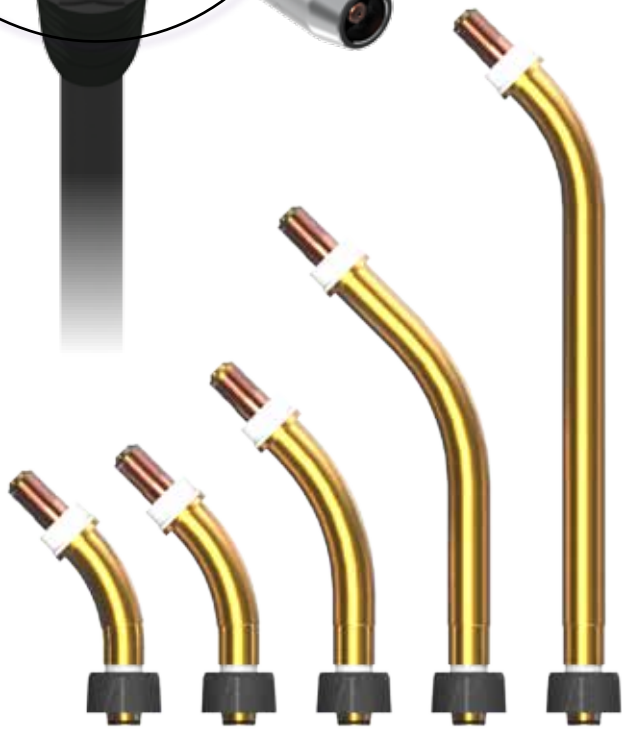
Re-engineered for improved gas flow, strength and toughness.



OPTIONS

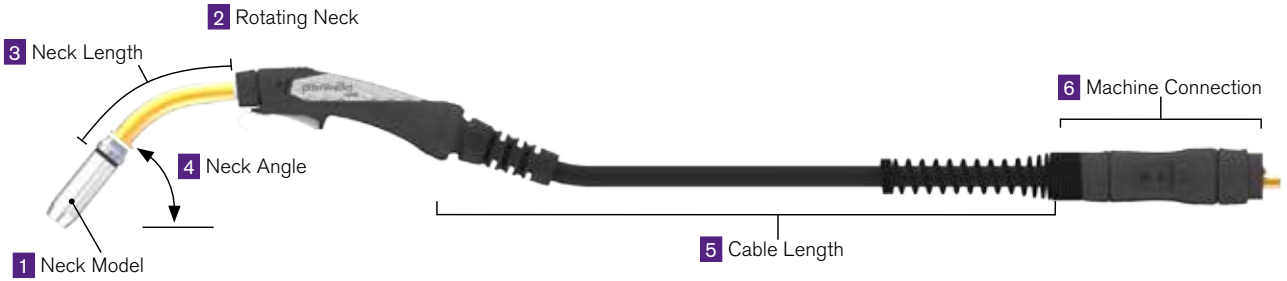
Wide range of necks available in various combinations of lengths and angles for both air and water cooled torch models.

Special configurations available on request.



HOW TO ORDER - ROTATING TORCH PACKAGE

Package Stock Code Example: XP35 R6 4-40E



1 XP35

1. NECK MODEL	
STOCK CODE	MODEL
XP35	XP8 350A
XP40	XP8 400A
XP45	XP8 450W

2 R

2. TORCH TYPE	
STOCK CODE	DESCRIPTION
R	Rotating Neck

3 6

3. NECK LENGTH	
STOCK CODE	LENGTH
6	153mm (6")

4 4

4. NECK ANGLE	
STOCK CODE	ANGLE
0	Straight
4	45°
6	60°

5 40

5. CABLE LENGTH	
STOCK CODE	LENGTH
30	3m (10ft)
40	4m (13ft)
50	5m (16ft)

6 E

6. MACHINE CONNECTION	
STOCK CODE	TYPE
E	*Euro
M	*Miller®
N	*NAS
H	*Hobart®
L	*Lincoln®
T	*Tweco®

*Compatable with -

Illustration of Package Stock Code Example:
XP8 350A rotating neck, 12" long x 45° bend, 4 metre long cable and Euro machine connection.

Standard Build: Torch packages are supplied fitted with a 1.2mm wire contact tip and liner with a 16mm (5/8") bore conical nozzle.

AVAILABLE XP8 ROTATING NECKS

	MODEL: XP8 350A/400A					MODEL: XP8 450W				
	STRAIGHT	ANGLE				STRAIGHT	ANGLE			
LENGTH	180°	5°	30°	45°	60°	180°	5°	30°	45°	60°
6" 153mm	XP350AR60	XP350AR61	XP350AR63	XP350AR65*	XP350AR66	XP450WR60	XP450WR61	XP450WR63	XP450WR65*	XP450WR66
18" 457mm	XP350AR80									

Neck Selection: Not every variant of neck angle is available for all lengths. For more information ask sales for a Data Sheet.

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XP8 MIG TORCH RANGE

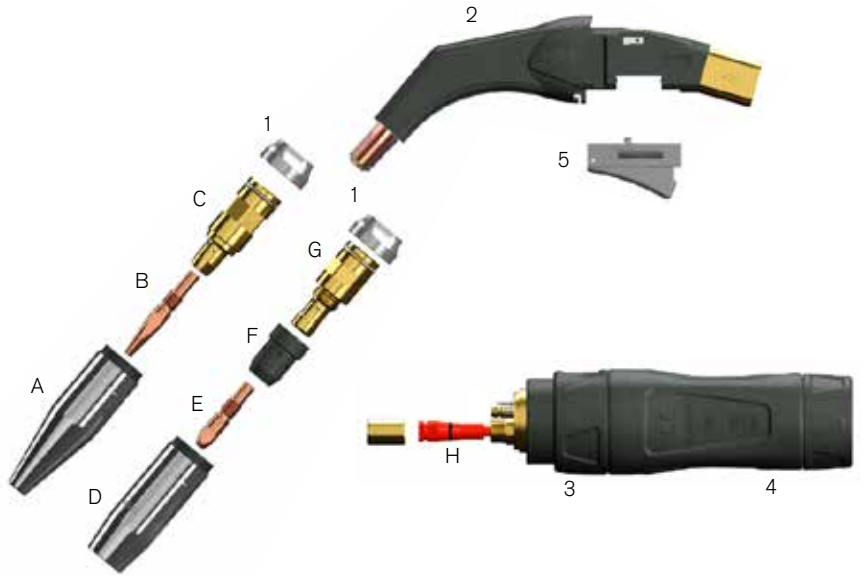
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.



		XP8 200A	XP8 300A	XP8 320W	XP8 350A	XP8 400A	XP8 450W
STOCK CODE	3m	XP200A-30E	XP300A-30E	XP320W-30E	XP350A-30E	XP400A-30E	XP450W-30E
	4m	XP200A-40E	XP300A-40E	XP320W-40E	XP350A-40E	XP400A-40E	XP450W-40E
	5m	XP200A-50E	XP300A-50E	XP320W-50E	XP350A-50E	XP500A-50E	XP450W-50E
COOLING		Air	Air	Water	Air	Air	Water
RATING	MIXED GAS (80/20)	200A, 6kW	300A, 8.7kW	320A, 9.6kW	350A, 10.5kW	400A, 12kW	450A, 15.8kW
	MIXED GAS (95/5)	200A, 6kW	280A, 8.4kW	320A, 9.6kW	300A, 9.0kW	300A, 9.0kW	450A, 15.8kW
	100% CO_2	260A, 7.8kW	375A, 11.7kW	320A, 9.6kW	425A, 14.9kW	480A, 17.2kW	450A, 15.8kW
DUTY CYCLE		80%	80%	100%	80%	80%	100%
WIRE SIZE		0.6mm-1.2mm (.023"-.045")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.6mm (.030"-1/16")	1.0mm-1.6mm (.040"-1/16")	1.2mm-2.4mm (.045"- 3/32")	1.0mm-2.4mm (.040"-3/32")
WEIGHT		1.4kg (3.1lbs)	1.6kg (3.5lbs)	1.4kg (3.1lbs)	1.9kg (4.2lbs)	2.0kg (4.4lbs)	1.5kg (3.3lbs)

XP8 200A

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





STOCK CODE	DESCRIPTION
XP200A-30E	Torch Package c/w Euro Fitting x 3m
XP200A-40E	Torch Package c/w Euro Fitting x 4m
XP200A-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP2006A*	Aluminium Heat Shield - M8 Head
NI	XP2006B	Heat Shield - Moulded - M8 Head
2	XP2001	Swan Neck
3	XP2020	Gun Plug Nut
4	XP2018	Air Cooled Gun Plug Housing c/w Nut
5	XP2014	Trigger

H

Liners
See page 38 for full range

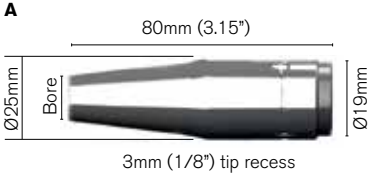
STOCK CODE	DESCRIPTION
XP2024-09-30	Steel 0.6-0.9mm (.023-.035") x 3m
XP2024-09-40	Steel 0.6-0.9mm (.023-.035") x 4m
XP2024-09-50	Steel 0.6-0.9mm (.023-.035") x 5m
XP2024-12-30*	Steel 1.0-1.2mm (.040-.045") x 3m
XP2024-12-40*	Steel 1.0-1.2mm (.040-.045") x 4m
XP2024-12-50*	Steel 1.0-1.2mm (.040-.045") x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045") x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045") x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045") x 5m
XP2024PS-12-30	Poly-Steel 0.8-1.2mm (.030-.045") x 3m
XP2024PS-12-40	Poly-Steel 0.8-1.2mm (.030-.045") x 4m
XP2024PS-12-50	Poly-Steel 0.8-1.2mm (.030-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



STOCK CODE	STYLE	BORE
XP2002-07T	Tapered	7mm (9/32")
XP2002-10T	Tapered	10mm (3/8")

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP2003-06T	0.6mm (.023")	CuCrZr
XP2003-08T	0.8mm (.030")	CuCrZr
XP2003-09T	0.9mm (.035")	CuCrZr
XP2003-10T	1.0mm (.040")	CuCrZr
XP2003-12T	1.2mm (.045")	CuCrZr

Tapered Head Assembly

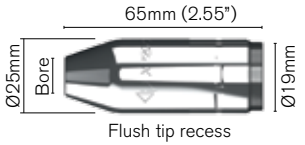
C



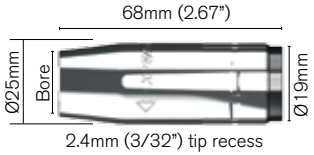
STOCK CODE	TIP THREAD
XP2005T	M8

Nozzles

D

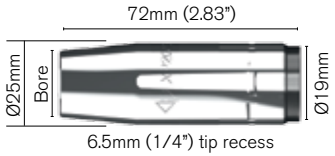


XP2002-10	Tapered	10mm (3/8")



XP2002-13	Tapered	13mm (1/2")
XP2002-16*	Conical	16mm (5/8")
XP2002-19	Cylindrical	19mm (3/4")

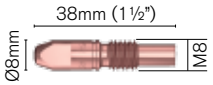
Extended Nozzles



XP2002-16L	Conical Ext	16mm (5/8")
XP2002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

E



XP2003-06	0.6mm (.023")	CuCrZr
XP2003-08	0.8mm (.030")	CuCrZr
XP2003-09	0.9mm (.035")	CuCrZr
XP2003-10*	1.0mm (.040")	CuCrZr
XP2003-12	1.2mm (.045")	CuCrZr
XP2003-10A	1.0mm (.040")	CuCrZr, Al
XP2003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

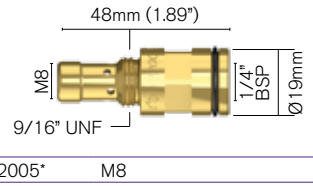
F



STOCK CODE	TYPE	HEAD
XP2004B*	Plastic	M8
XP2004C (NI)	Ceramic	M8

Head Assembly

G



XP2005*	M8

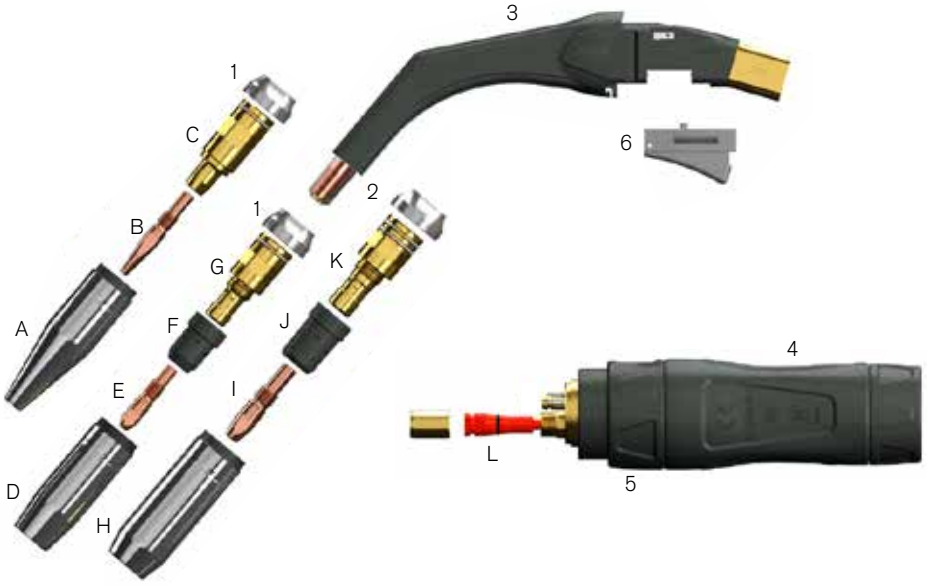
*** Denotes standard build**

ROLL MARKING

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

XP8 300A

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





STOCK CODE	DESCRIPTION
XP300A-30E	Torch Package c/w Euro Fitting x 3m
XP300A-40E	Torch Package c/w Euro Fitting x 4m
XP300A-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP2006A*	Aluminium Heat Shield - M8 Head
2	XP3006A	Aluminium Heat Shield - M10 Head
3	XP3001	Swan Neck
4	XP2018	Air Cooled Gun Plug Housing c/w Nut
5	XP2020	Gun Plug Nut
6	XP2014	Trigger

L

Liners
See page 38 for full range

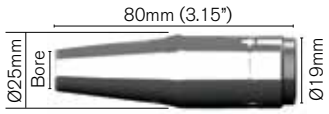
STOCK CODE	DESCRIPTION
XP2024-09-30	Steel 0.6-0.9mm (.023-.035") x 3m
XP2024-09-40	Steel 0.6-0.9mm (.023-.035") x 4m
XP2024-09-50	Steel 0.6-0.9mm (.023-.035") x 5m
XP2024-12-30*	Steel 1.0-1.2mm (.040-.045") x 3m
XP2024-12-40*	Steel 1.0-1.2mm (.040-.045") x 4m
XP2024-12-50*	Steel 1.0-1.2mm (.040-.045") x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045") x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045") x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045") x 5m
XP2024PS-12-30	Poly-Steel 0.8-1.2mm (.030-.045") x 3m
XP2024PS-12-40	Poly-Steel 0.8-1.2mm (.030-.045") x 4m
XP2024PS-12-50	Poly-Steel 0.8-1.2mm (.030-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



3mm (1/8") tip recess

STOCK CODE	STYLE	BORE
XP2002-07T	Tapered	7mm (9/32")
XP2002-10T	Tapered	10mm (3/8")

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP2003-08T	0.8mm (.030")	CuCrZr
XP2003-09T	0.9mm (.035")	CuCrZr
XP2003-10T	1.0mm (.040")	CuCrZr
XP2003-12T	1.2mm (.045")	CuCrZr

Tapered Head Assembly

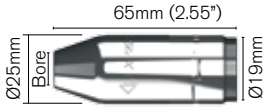
C



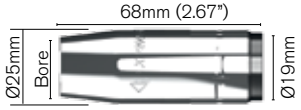
STOCK CODE	TIP THREAD
XP2005T	M8

Nozzles

D



XP2002-10	Tapered	10mm (3/8")



XP2002-13	Tapered	13mm (1/2")
XP2002-16*	Conical	16mm (5/8")
XP2002-19	Cylindrical	19mm (3/4")

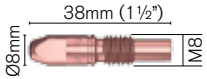
Extended Nozzles



XP2002-16L	Conical Ext	16mm (5/8")
XP2002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

E



XP2003-08	0.8mm (.030")	CuCrZr
XP2003-09	0.9mm (.035")	CuCrZr
XP2003-10	1.0mm (.040")	CuCrZr
XP2003-12*	1.2mm (.045")	CuCrZr
XP2003-10A	1.0mm (.040")	CuCrZr, Al
XP2003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

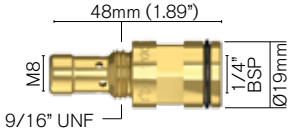
F



STOCK CODE	TYPE	HEAD
XP2004B	Plastic	M8
XP2004C (NI)	Ceramic	M8

Head Assembly

G



XP2005	M8

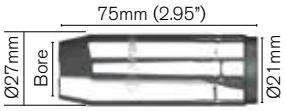
*** Denotes standard build**

ROLL MARKING

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

Nozzles

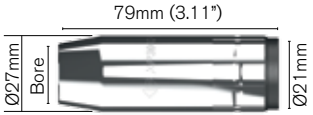
H



3mm (1/8") tip recess

XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

Extended Nozzles

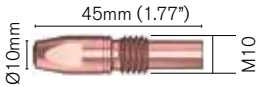


6.5mm (1/4") tip recess

XP3002-16L	Conical Ext	16mm (5/8")
XP3002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

I



XP3003-08	0.8mm (.030")	CuCrZr
XP3003-09	0.9mm (.035")	CuCrZr
XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12	1.2mm (.045")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr, Al
XP3003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

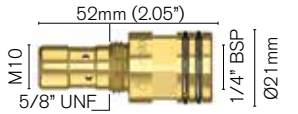
J



XP3004B	Moulded with Ceramic Insert	M10
XP3004C (NI)	Ceramic	M10
XP3004S (NI)	Grey	M10

Head Assembly

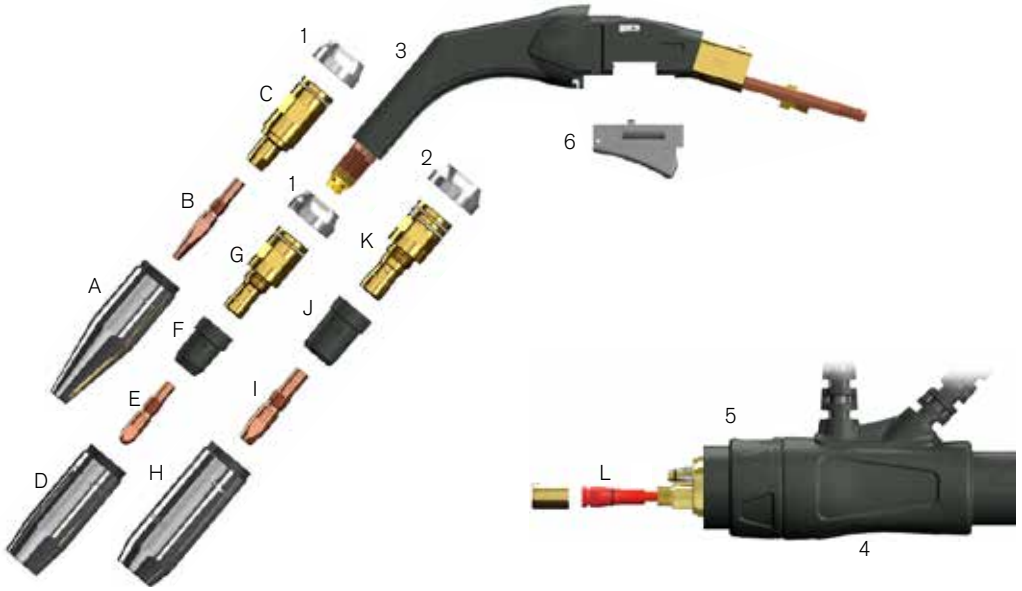
K



XP3005	M10

XP8 320W

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





STOCK CODE	DESCRIPTION
XP320W-30E	Torch Package c/w Euro Fitting x 3m
XP320W-40E	Torch Package c/w Euro Fitting x 4m
XP320W-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP2006A*	Aluminium Heat Shield - M8 Head
NI	XP2006B	Heat Shield-Moulded - M8 Head
2	XP3006A	Aluminium Heat Shield - M10 Head
NI	XP3006B	Heat Shield-Moulded - M10 Head
3	XP3201	Swan Neck
4	XP3240	Water Cooled Housing c/w Supports
5	XP2020	Gun Plug Nut
6	XP2014	Trigger

PULSE WELDING
We recommend using a liner one size larger for a smooth wire feed during pulse welding.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

L

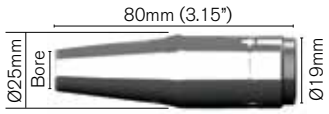
Liners
See page 38 for full range

STOCK CODE	DESCRIPTION
XP2024-12-30*	Steel 1.0-1.2mm (.040-.045") x 3m
XP2024-12-40*	Steel 1.0-1.2mm (.040-.045") x 4m
XP2024-12-50*	Steel 1.0-1.2mm (.040-.045") x 5m
XP2024-16-30	Steel 1.2-1.6mm (.045-.063") x 3m
XP2024-16-40	Steel 1.2-1.6mm (.045-.063") x 4m
XP2024-16-50	Steel 1.2-1.6mm (.045-.063") x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045") x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045") x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045") x 5m
XP2024PS-12-30	Poly-Steel 0.8-1.2mm (.030-.045") x 3m
XP2024PS-12-40	Poly-Steel 0.8-1.2mm (.030-.045") x 4m
XP2024PS-12-50	Poly-Steel 0.8-1.2mm (.030-.045") x 5m
XP3524PS-16-30	Poly-Steel 1.2-1.6mm (.045-.063") x 3m
XP3524PS-16-40	Poly-Steel 1.2-1.6mm (.045-.063") x 4m
XP3524PS-16-50	Poly-Steel 1.2-1.6mm (.045-.063") x 5m

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



3mm (1/8") tip recess

STOCK CODE	STYLE	BORE
XP2002-07T	Tapered	7mm (9/32")
XP2002-10T	Tapered	10mm (3/8")

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP2003-08T	0.8mm (.030")	CuCrZr
XP2003-09T	0.9mm (.035")	CuCrZr
XP2003-10T	1.0mm (.040")	CuCrZr
XP2003-12T	1.2mm (.045")	CuCrZr
XP2003-13T	1.3mm (.052")	CuCrZr
XP2003-14T	1.4mm (.055")	CuCrZr

Tapered Head Assembly

C



STOCK CODE	TIP THREAD
XP2005T	M8

Nozzles

D



XP2002-10	Tapered	10mm (3/8")



XP2002-13	Tapered	13mm (1/2")
XP2002-16*	Conical	16mm (5/8")
XP2002-19	Cylindrical	19mm (3/4")

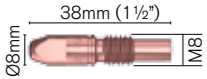
Extended Nozzles



XP2002-16L	Conical Ext	16mm (5/8")
XP2002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

E



XP2003-08	0.8mm (.030")	CuCrZr
XP2003-09	0.9mm (.035")	CuCrZr
XP2003-10*	1.0mm (.040")	CuCrZr
XP2003-12	1.2mm (.045")	CuCrZr
XP2003-13	1.3mm (.052")	CuCrZr
XP2003-10A	1.0mm (.040")	CuCrZr, Al
XP2003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

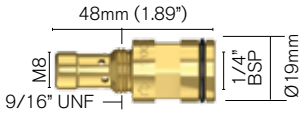
F



STOCK CODE	TYPE	HEAD
XP2004B*	Plastic	M8
XP2004C (NI)	Ceramic	M8

Head Assembly

G



XP2005*	M8

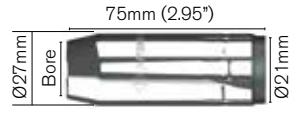
*** Denotes standard build**

ROLL MARKING

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

Nozzles

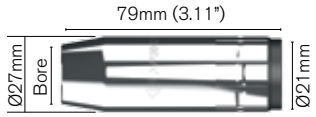
H



3mm (1/8") tip recess

XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

Extended Nozzles

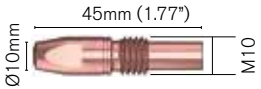


6.5mm (1/4") tip recess

XP3002-16L	Conical Ext	16mm (5/8")
XP3002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

I



XP3003-08	0.8mm (.030")	CuCrZr
XP3003-09	0.9mm (.035")	CuCrZr
XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12	1.2mm (.045")	CuCrZr
XP3003-13	1.3mm (.052")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/6")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr, Al
XP3003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

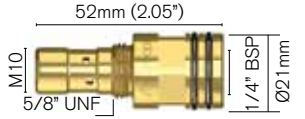
J



XP3004B	Moulded with Ceramic Insert	M10
XP3004C (NI)	Ceramic	M10
XP3004S (NI)	Grey	M10

Head Assembly

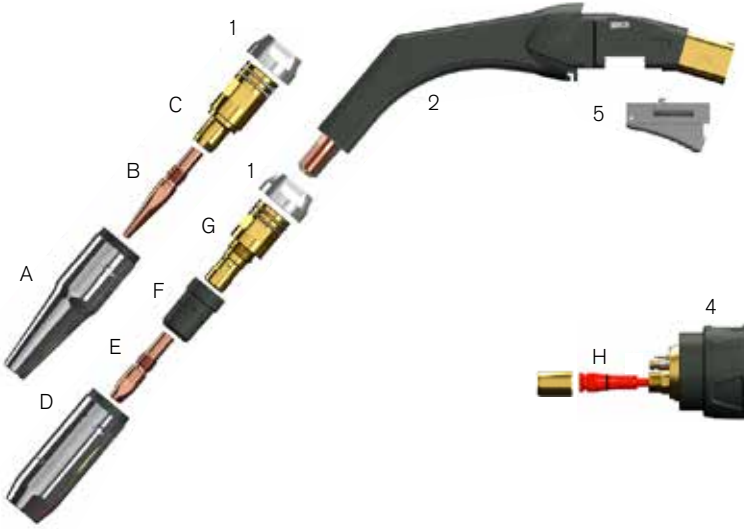
K



XP3005	M10

XP8 350A

AIR COOLED MIG TORCH
350A, 10.5kW, Mixed Gas (80/20) @ 80% Duty Cycle,
EN60974-7 1.0mm-1.6mm (.040”-1/16”) Wires





STOCK CODE	DESCRIPTION
XP350A-30E	Torch Package c/w Euro Fitting x 3m
XP350A-40E	Torch Package c/w Euro Fitting x 4m
XP350A-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP3506A*	Aluminium Heat Shield - M10 Head
NI	XP3506B	Heat Shield-Moulded - M10 Head
2	XP3501	Swan Neck
3	XP2018	Air Cooled Gun Plug Housing c/w Nut
4	XP2020	Gun Plug Nut
5	XP2014	Trigger

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

H

Liners
See page 38 for full range

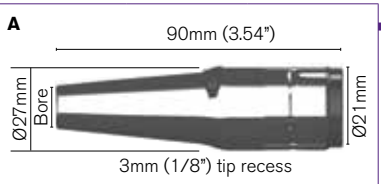
STOCK CODE	DESCRIPTION
XP3524-12-30*	Steel 1.0-1.2mm (.040-.045”) x 3m
XP3524-12-40*	Steel 1.0-1.2mm (.040-.045”) x 4m
XP3524-12-50*	Steel 1.0-1.2mm (.040-.045”) x 5m
XP3524-16-30	Steel 1.2-1.6mm (.045-.063”) x 3m
XP3524-16-40	Steel 1.2-1.6mm (.045-.063”) x 4m
XP3524-16-50	Steel 1.2-1.6mm (.045-.063”) x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045”) x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045”) x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045”) x 5m
XP3524PC-16-30	Poly-Copper 1.2-1.6mm (.045-.063”) x 3m
XP3524PC-16-40	Poly-Copper 1.2-1.6mm (.045-.063”) x 4m
XP3524PC-16-50	Poly-Copper 1.2-1.6mm (.045-.063”) x 5m
XP2024PS-12-30	Poly-Steel 0.8-1.2mm (.030-.045”) x 3m
XP2024PS-12-40	Poly-Steel 0.8-1.2mm (.030-.045”) x 4m
XP2024PS-12-50	Poly-Steel 0.8-1.2mm (.030-.045”) x 5m
XP3524PS-16-30	Poly-Steel 1.2-1.6mm (.045-.063”) x 3m
XP3524PS-16-40	Poly-Steel 1.2-1.6mm (.045-.063”) x 4m
XP3524PS-16-50	Poly-Steel 1.2-1.6mm (.045-.063”) x 5m

PULSE WELDING
We recommend using a liner one size larger for a smooth wire feed during pulse welding.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



STOCK CODE	STYLE	BORE
XP3002-10T	Tapered	10mm (3/8")

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP3003-10T	1.0mm (.040")	CuCrZr
XP3003-12T	1.2mm (.045")	CuCrZr
XP3003-13T	1.3mm (.052")	CuCrZr
XP3003-14T	1.4mm (.055")	CuCrZr
XP3003-16T	1.6mm (1/16")	CuCrZr

Tapered Head Assembly

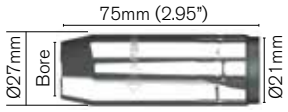
C



STOCK CODE	TIP THREAD
XP3505T	M10

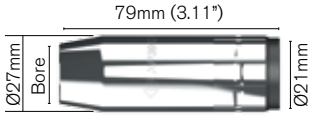
Nozzles

D



XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

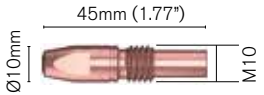
Extended Nozzles



XP3002-16L	Conical Ext	16mm (5/8")
XP3002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

E



XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12*	1.2mm (.045")	CuCrZr
XP3003-13	1.3mm (.052")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/6")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr
XP3003-12A	1.2mm (.045")	CuCrZr

Diffusers

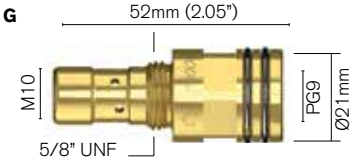
F



STOCK CODE	TYPE	HEAD
XP3004B*	Moulded with Ceramic Insert	M10
XP3004C (NI)	Ceramic	M10
XP3004S (NI)	Grey	M10

Head Assembly

G



XP3505*	M10



*** Denotes standard build**

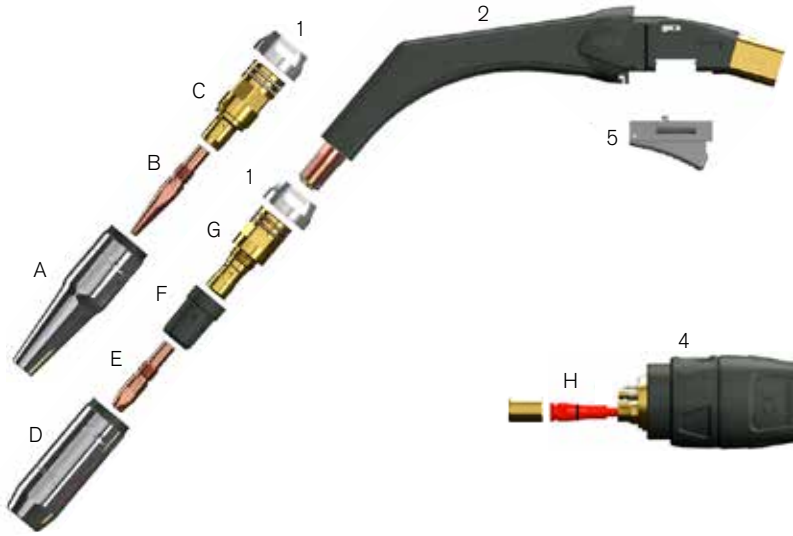
ROLL MARKING

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

Parweld Glove Leather Reflective Heat Shield Protection for intense welding environments.

XP8 400A

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





STOCK CODE	DESCRIPTION
XP400A-30E	Torch Package c/w Euro Fitting x 3m
XP400A-40E	Torch Package c/w Euro Fitting x 4m
XP400A-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP3506A*	Aluminium Heat Shield - M10 Head
NI	XP3506B	Heat Shield-Moulded - M10 Head
2	XP4001	Swan Neck
3	XP2018	Air Cooled Gun Plug Housing c/w Nut
4	XP2020	Gun Plug Nut
5	XP2014	Trigger

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

H **Liners**
See page 38 for full range

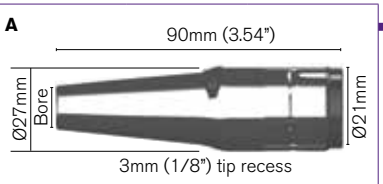
STOCK CODE	DESCRIPTION
XP3524-16-30*	Steel 1.2-1.6mm (.045-.063") x 3m
XP3524-16-40*	Steel 1.2-1.6mm (.045-.063") x 4m
XP3524-16-50*	Steel 1.2-1.6mm (.045-.063") x 5m
XP4024-24-30	Steel 2.0-2.4mm (.080-.095") x 3m
XP4024-24-40	Steel 2.0-2.4mm (.080-.095") x 4m
XP4024-24-50	Steel 2.0-2.4mm (.080-.095") x 5m
XP3524PC-16-30	Poly-Copper 1.2-1.6mm (.045-.063") x 3m
XP3524PC-16-40	Poly-Copper .1.2-1.6mm (.045-.063") x 4m
XP3524PC-16-50	Poly-Copper 1.2-1.6mm (.045-.063") x 5m
XP4024PC-20-30	Poly-Copper 1.6-2.0mm (.063-.080") x 3m
XP4024PC-20-40	Poly-Copper 1.6-2.0mm (.063-.080") x 4m
XP4024PC-20-50	Poly-Copper 1.6-2.0mm (.063-.080") x 5m
XP3524PS-16-30	Poly-Steel 1.2-1.6mm (.045-.063") x 3m
XP3524PS-16-40	Poly-Steel 1.2-1.6mm (.045-.063") x 4m
XP3524PS-16-50	Poly-Steel 1.2-1.6mm (.045-.063") x 5m
XP4024PS-20-30	Poly-Steel 1.6-2.0mm (.063-.080") x 3m
XP4024PS-20-40	Poly-Steel 1.6-2.0mm (.063-.080") x 4m
XP4024PS-20-50	Poly-Steel 1.6-2.0mm (.063-.080") x 5m

PULSE WELDING
We recommend using a liner one size larger for a smooth wire feed during pulse welding.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



STOCK CODE	STYLE	BORE
XP3002-10T	Tapered	10mm (3/8"

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP3003-12T	1.2mm (.045")	CuCrZr
XP3003-13T	1.3mm (.052")	CuCrZr
XP3003-14T	1.4mm (.055")	CuCrZr
XP3003-16T	1.6mm (1/16")	CuCrZr
XP3003-18T	1.8mm (.071")	CuCrZr
XP3003-20T	2.0mm (5/64")	CuCrZr
XP3003-24T	2.4mm (3/32")	CuCrZr

Head Assembly

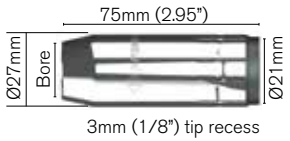
C



STOCK CODE	TIP THREAD
XP3505T	M10

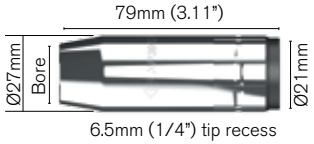
Nozzles

D



XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

Extended Nozzles



XP3002-16L	Conical Ext	16mm (5/8")
XP3002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

E



XP3003-12*	1.2mm (.045")	CuCrZr
XP3003-13	1.3mm (.052")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/6")	CuCrZr
XP3003-18	1.8mm (.071")	CuCrZr
XP3003-20	2.0mm (5/64")	CuCrZr
XP3003-24	2.4mm (3/32")	CuCrZr
XP3003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

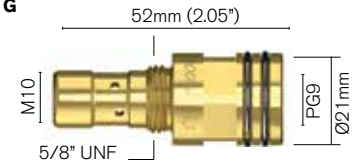
F



STOCK CODE	TYPE	HEAD
XP3004B*	Moulded with Ceramic Insert	M10
XP3004C (NI)	Ceramic	M10
XP3004S (NI)	Grey	M10

Head Assembly

G



XP3505*	M10

*** Denotes standard build**

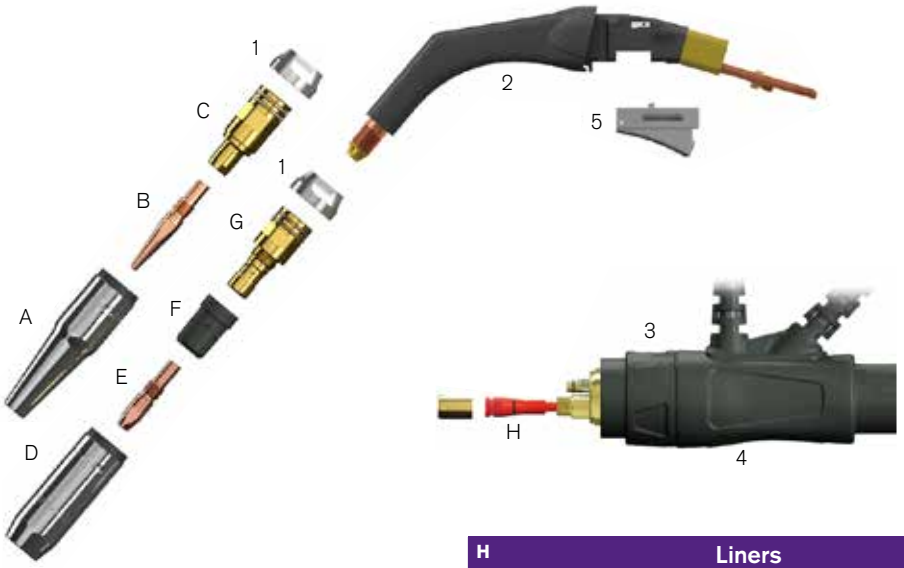
ROLL MARKING

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

XP8 450W

WATER COOLED MIG TORCH

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





STOCK CODE	DESCRIPTION
XP450W-30E	Torch Package c/w Euro Fitting x 3m
XP450W-40E	Torch Package c/w Euro Fitting x 4m
XP450W-50E	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	XP3506A*	Aluminium Heat Shield - M10 Head
NI	XP3506B	Heat Shield-Moulded - M10 Head
2	XP4501	Swan Neck
3	XP2020	Gun Plug Nut
4	XP3240	Water Cooled Housing c/w Supports
5	XP2014	Trigger

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

H **Liners**
See page 38 for full range

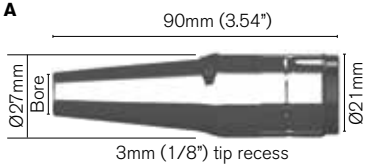
STOCK CODE	DESCRIPTION
XP3524-12-30*	Steel 1.0-1.2mm (.040-.045") x 3m
XP3524-12-40*	Steel 1.0-1.2mm (.040-.045") x 4m
XP3524-12-50*	Steel 1.0-1.2mm (.040-.045") x 5m
XP3524-16-30	Steel 1.6mm (.063") x 3m
XP3524-16-40	Steel 1.6mm (.063") x 4m
XP3524-16-50	Steel 1.6mm (.063") x 5m
XP4024-24-30	Steel 2.0-2.4mm (.080-.0.95") x 3m
XP4024-24-40	Steel 2.0-2.4mm (.080-.0.95") x 4m
XP4024-24-50	Steel 2.0-2.4mm (.080-.0.95") x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045") x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045") x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045") x 5m
XP3524PC-16-30	Poly-Copper 1.2-1.6mm (.045-.063") x 3m
XP3524PC-16-40	Poly-Copper 1.2-1.6mm (.045-.063") x 4m
XP3524PC-16-50	Poly-Copper 1.2-1.6mm (.045-.063") x 5m
XP4024PC-20-30	Poly-Copper 1.6-2.0mm (.063-.080") x 3m
XP4024PC-20-40	Poly-Copper 1.6-2.0mm (.063-.080") x 4m
XP4024PC-20-50	Poly-Copper 1.6-2.0mm (.063-.080") x 5m
XP3524PS-16-30	Poly-Steel 1.2-1.6mm (.045-.063") x 3m
XP3524PS-16-40	Poly-Steel 1.2-1.6mm (.045-.063") x 4m
XP3524PS-16-50	Poly-Steel 1.2-1.6mm (.045-.063") x 5m
XP4024PS-20-30	Poly-Steel 1.6-2.0mm (.063-.080") x 3m
XP4024PS-20-40	Poly-Steel 1.6-2.0mm (.063-.080") x 4m
XP4024PS-20-50	Poly-Steel 1.6-2.0mm (.063-.080") x 5m

PULSE WELDING
We recommend using a liner one size larger for a smooth wire feed during pulse welding.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tapered Nozzles

A



STOCK CODE	STYLE	BORE
XP3002-10T	Tapered	10mm (3/8")

Tapered Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
XP3003-10T	1.0mm (.040")	CuCrZr
XP3003-12T	1.2mm (.045")	CuCrZr
XP3003-13T	1.3mm (.052")	CuCrZr
XP3003-14T	1.4mm (.055")	CuCrZr
XP3003-16T	1.6mm (1/16")	CuCrZr
XP3003-18T	1.8mm (.071")	CuCrZr
XP3003-20T	2.0mm (5/64")	CuCrZr
XP3003-24T	2.4mm (3/32")	CuCrZr

Tapered Head Assembly

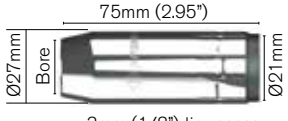
C



STOCK CODE	TIP THREAD
XP3505T	M10

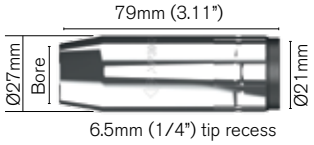
Nozzles

D



XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

Extended Nozzles



XP3002-16L	Conical Ext	16mm (5/8")
XP3002-19L	Cylindrical Ext	19mm (3/4")

Contact Tips

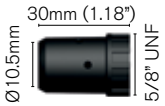
E



XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12*	1.2mm (.045")	CuCrZr
XP3003-13	1.3mm (.052")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/6")	CuCrZr
XP3003-18	1.8mm (.071")	CuCrZr
XP3003-20	2.0mm (5/64")	CuCrZr
XP3003-24	2.4mm (3/32")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr, Al
XP3003-12A	1.2mm (.045")	CuCrZr, Al

Diffusers

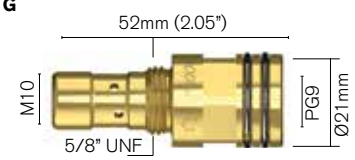
F



STOCK CODE	TYPE	HEAD
XP3004B*	Moulded with Ceramic Insert	M10
XP3004C (NI)	Ceramic	M10
XP3004S (NI)	Grey	M10

Head Assembly

G



XP3505*	M10

*** Denotes standard build**

ROLL MARKING

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

PUSH PULL - KEY FEATURES

The XP8 push pull MIG welding torch has been designed with the user in mind. Its incredibly lightweight and ergonomic design is combined with a powerful motor resulting in exceptional performance.

As with our standard XP8, every component has been designed and manufactured to the highest specification.

PERFORMANCE

Dramatically reduced welder fatigue due to light weight - **only 1.8KG**

Ergonomic handle gives maximum comfort and grip, perfectly balanced for heavy use.

XP8 front end consumables give the same exceptional XP8 performance and increased service life.



DRIVE SYSTEM

Modern, European manufactured, DC motor, smaller, lighter and more powerful.

Constant speed output therefore constant wire feed and weld appearance.

27m (88ft) per minute maximum wire feed speed.

WIRE FEED SYSTEM

Easy access hinged cover.

Range of drive rolls.

Easily adjustable feed roll pressure.



TRIGGER

Recessed guarded trigger reduces the risk of unintentional activation.

HANDLE

Integrated high level grip, robust and balanced ergonomic handle design.

BALL JOINT SYSTEM

High flex system for maximum manoeuvrability without resistance.

EXCEPTIONAL XP8 QUALITY & PERFORMANCE



OPTIONS

Wide range of necks available in various combinations of length and bend angle.

Both Air and Water cooled models available.

Fully rotating neck for multi-positional welding in those limited access, difficult to reach locations. Offering better welder comfort and reducing fatigue.

NECKS

XP8 front end and neck design offer robust features, performance and service life as standard.



DRIVE CONTROL MODULE

Three drive control module options; Machine local mounted, or 24/42V DC converter for machines with existing Push Pull outlet.



NECK LINERS

Quick and easy change over with dedicated neck liners.





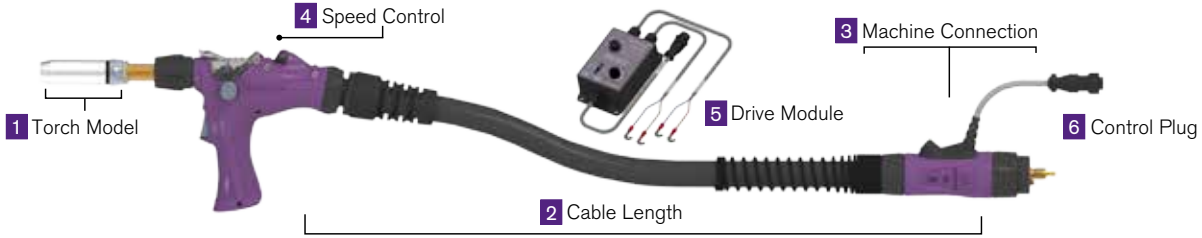
REMOTE FEED RATE CONTROL

Option torch mounted variable wire feed rate control.



HOW TO ORDER - XP8 PUSH PULL

Package Stock Code Example: XP35P3500-80ERU53



1 XP35P3500

1. TORCH MODEL	
STOCK CODE	DESCRIPTION
XP35P3500	3.5" x 180" Neck, Euro
XP35P3500	3.5" x 180" Neck, Remote, Euro
XP35P4545	4.5" x 45° Neck, Euro
XP35P4545	4.5" x 45° Neck, Remote, Euro

2 -80

2. CABLE LENGTH	
STOCK CODE	LENGTH
60	6m (20ft)
80	8m (26ft)
10	10m (33ft)

3 E

3. MACHINE CONNECTION	
STOCK CODE	TYPE
E	Euro
M	Miller®
N	NAS
H	Hobart®
L	Lincoln®
T	Tweco®

4 R

4. SPEED CONTROL	
STOCK CODE	DESCRIPTION
	No remote speed control
R	Torch mounted speed control for universal drive configuration
R1	10K Torch mounted speed control for users machine configuration
R10	100K Torch mounted speed control for users machine configuration

5 U

5. DRIVE MODULE	
STOCK CODE	DESCRIPTION
U	Universal 18 to 42V AC/DC Driver Module
2	24V DC Converter Drive Module
4	42V DC Converter Drive Module
	No Driver Module

6 53

6. CONTROL PLUG	
STOCK CODE	DESCRIPTION
	Universal drive plug standard fitting
1, 2....etc	Add the number of the ERCP plug required that suits the power source control socket

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

PUSH PULL DRIVE MODULE OPTIONS

18 - 42V AC/DC UNIVERSAL DRIVE MODULE

For machines with no push-pull gun drive control option.

Mounted on or in the machine/feed unit. It is hard wired into the machines power and triggering circuits.

The module can be connected to an AC or DC supply voltage within a range of 18 to 42V and it will convert the voltage to suit the drive motor.



STOCK CODE	DESCRIPTION
PP0117	Motor Drive Control Module (18-42V AC/V DC Input)

24V DC OR 42V DC DRIVE MODULE

For use with machines that have a 24V DC or 42V DC rated push-pull gun motor speed control output option.

Mounted in-line between the torch control lead and the machine/push feed unit. Connected to the control socket*.

Converts the machines drive output from 24V DC or 42V DC, to the correct voltage for Parweld push-pull torch motor.



*A machine control socket compatible plug must be purchased in addition and can be fitted to customer wiring specifications.

STOCK CODE	DESCRIPTION
PP0126-24	In Line Drive Module (24V DC)
PP0126-42	In Line Drive Module (42V DC)

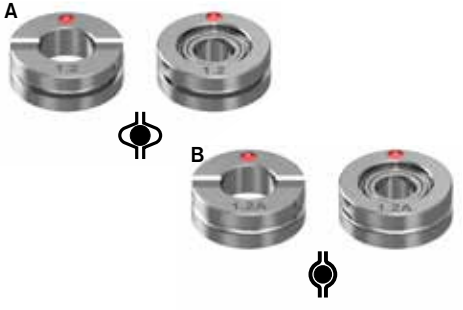
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XP8 PUSH PULL TORCH RANGE



		XP8 350A PP	XP8 450W PP
STOCK CODE	6m	XP35P3500-60E	XP45P3500-60E
	8m	XP35P3500-80E	XP45P3500-80E
	10m	XP35P3500-10E	XP45P3500-10E
COOLING		Air	Water
RATING	MIXED GAS (80/20)	350A, 10.5kW	450A, 15.8kW
	MIXED GAS (95/5)	300A, 9.0kW	450A, 15.8kW
	100% CO_2	425A, 14.9kW	450A, 15.8kW
DUTY CYCLE		80%	100%
WIRE SIZE		1.0mm-1.6mm (.040"-1/16")	1.0mm-1.6mm (.040"-1/16")
WEIGHT		1.8kg (4lb)	1.8kg (4lb)

WIRE ROLL SETS



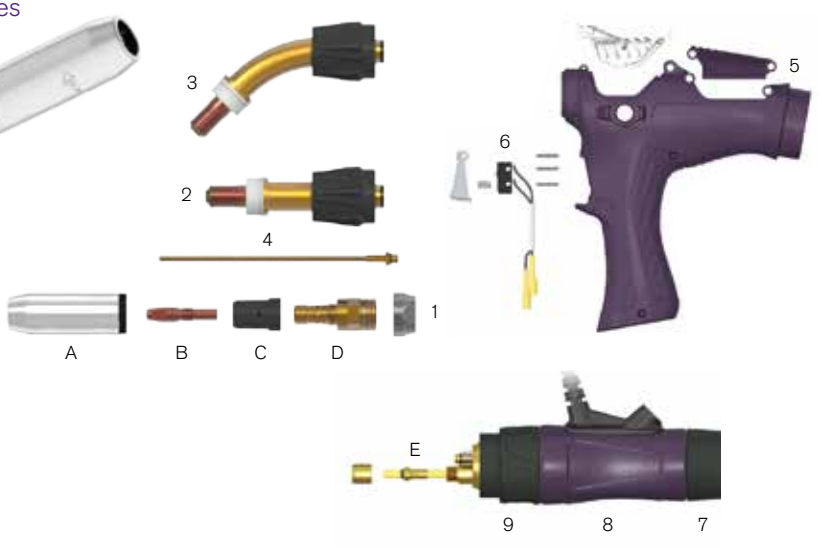
Hard Wire Roll Sets - Plain V Groove				
	STOCK CODE	WIRE SIZE	COLOUR	WIRES
A	PP08RS	0.8mm (.030")	White	Fe, Ss
	PP09RS	0.9mm (.035")	Green	Fe, Ss
	PP10RS	1.0mm (.040")	Blue	Fe, Ss
	PP12RS	1.2mm (.045")	Red	Fe, Ss
	PP14RS	1.4mm (.055")	Black	Fe, Ss
	PP16RS	1.6mm (.062")	Yellow	Fe, Ss

Soft Wire Roll Sets - Plain U Groove				
	STOCK CODE	WIRE SIZE	COLOUR	WIRES
B	PP08ARS	0.8mm (.030")	White	Al
	PP09ARS	0.9mm (.035")	Green	Al
	PP10ARS	1.0mm (.040")	Blue	Al
	PP12ARS	1.2mm (.045")	Red	Al
	PP14ARS	1.4mm (.055")	Black	Al
	PP16ARS	1.6mm (.062")	Yellow	Al

XP8 350A PP

AIR COOLED PUSH PULL WELDING TORCH
350A, 10.5kW, Mixed Gas (80/20) @ 80% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040"-1/16") wires





STOCK CODE	6M	8M	10M	DESCRIPTION
XP35P3500	-60E	-80E	-10E	3.5" x 180" Neck, Euro
XP35P3500	-60ER	-80ER	-10ER	3.5" x 180" Neck, Remote, Euro
XP35P4545	-60E	-80E	-10E	4.5" x 45° Neck, Euro
XP35P4545	-60ER	-80ER	-10ER	4.5" x 45° Neck, Remote, Euro

	STOCK CODE	DESCRIPTION
1	XP3506A*	Heat Shield - Aluminium - M10 Head
	XP3505B	Heat Shield - Moulded - M10 Head
2	XP350AR30	XP8 350A Straight Neck, 3.5" x 180°
3	XP350AR54	XP8 350A Swan Neck, 4.5" x 45°
4	PX0812B	Neck Liner 0.8-1.2mm (.030-.045") Wires
5	PP0109	Handle Kit c/w Screws, Ball Joint Lock Nut and Support
6	PP0112	Trigger Kit c/w Body Moulding, Microswitch, Spring and Dowels
7	PP0113	Gun Plug Housing c/w Lock Nut and Lead Support
8	PP2519	Gun Plug Nut c/w Insert
9	PP0114	Air Cooled Euro Gun Plug Body c/w Spring Pins

E

Liners

See page 38 for full range

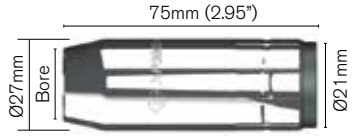
STOCK CODE	DESCRIPTION
PP1536-60	Teflon 0.6-0.9mm (.025-.035") x 6m
PP1536-80	Teflon 0.6-0.9mm (.025-.035") x 8m
PP1536-10	Teflon 0.6-0.9mm (.025-.035") x 10m
PP2513-60	Teflon 1.0-1.2mm (.040-.045") x 6m
PP2513-80	Teflon 1.0-1.2mm (.040-.045") x 8m
PP2513-10	Teflon 1.0-1.2mm (.040-.045") x 10m
PP3626-60	Teflon 1.6mm (1/16") x 6m
PP3626-80	Teflon 1.6mm (1/16") x 8m
PP3626-10	Teflon 1.6mm (1/16") x 10m

*** Denotes standard build**

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

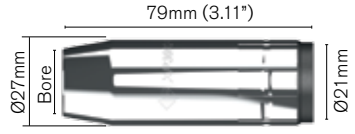
Nozzles

A



STOCK CODE	STYLE	BORE
XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

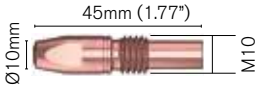
Extended Nozzles



XP3002-16L	Conical	16mm (5/8")
XP3002-19L	Cylindrical	19mm (3/4")

Contact Tips CuCrZr

B



STOCK CODE	WIRE SIZE	MATERIAL
XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12	1.2mm (.045")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/16")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr
XP3003-12A*	1.2mm (.045")	CuCrZr
XP3003-14A	1.4mm (.055")	CuCrZr
XP3003-16A	1.6mm (1/16")	CuCrZr

Diffusers

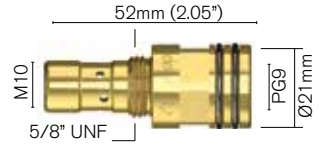
C



STOCK CODE	TYPE	HEAD
XP3004B*	Moulded with ceramic insert	M10
XP3004C (NI)	White	M10
XP3004S (NI)	Grey	M10

Head Assembly

D



STOCK CODE	TIP THREAD
XP3505*	M10



*** Denotes standard build**

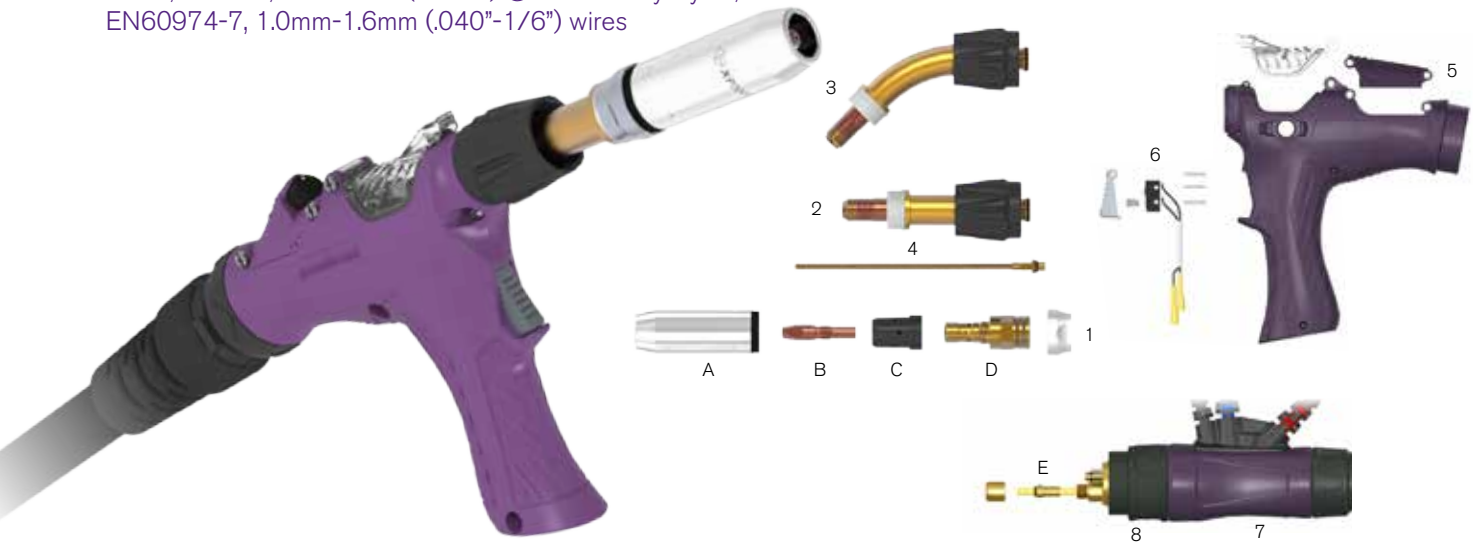
DRIVE MODULE OPTIONS
See pages 32 for more information.

WIRE ROLL SETS
See pages 33 for more information.

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

XP8 450W PP

WATER COOLED PUSH PULL WELDING TORCH
450A, 15.8kW, Mixed Gas (80/20) @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040”-1/6”) wires



STOCK CODE	6M	8M	10M	DESCRIPTION
XP45P3500	-60E	-80E	-10E	3.5” x 180” Neck, Euro
XP45P3500	-60ER	-80ER	-10ER	3.5” x 180” Neck, Remote, Euro
XP45P4545	-60E	-80E	-10E	4.5” x 45° Neck, Euro
XP45P4545	-60ER	-80ER	-10ER	4.5” x 45° Neck, Remote, Euro

STOCK CODE		DESCRIPTION
1	XP3506A*	Heat Shield - Aluminium - M10 Head
	XP3505B	Heat Shield - Moulded - M10 Head
2	XP450WR30	XP8 450W Straight Neck, 3.5” x 180°
3	XP450WR54	XP8 450W Swan Neck, 4.5” x 45°
4	PX0812B	Neck Liner, 0.8-1.2mm (.030”-.045”) Wires
5	PP0109	Handle Kit c/w Screws, Ball Joint Lock Nut and Support
6	PP0112	Trigger Kit c/w Body Moulding, Microswitch, Spring and Dowels
7	PP0213	Gun Plug Housing c/w Lock Nut and Hose Support
8	PP2519	Gun Plug Nut c/w Insert

E

Liners
See page 38 for full range

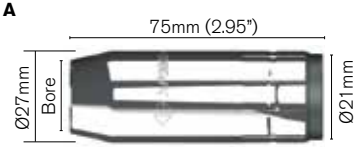
STOCK CODE	DESCRIPTION
PP1536-60	Teflon 0.6-0.9mm (.025-.035”) x 6m
PP1536-80	Teflon 0.6-0.9mm (.025-.035”) x 8m
PP1536-10	Teflon 0.6-0.9mm (.025-.035”) x 10m
PP2513-60	Teflon 1.0-1.2mm (.040-.045”) x 6m
PP2513-80	Teflon 1.0-1.2mm (.040-.045”) x 8m
PP2513-10	Teflon 1.0-1.2mm (.040-.045”) x 10m
PP3626-60	Teflon 1.6mm (1/16”) x 6m
PP3626-80	Teflon 1.6mm (1/16”) x 8m
PP3626-10	Teflon 1.6mm (1/16”) x 10m

*** Denotes standard build**

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

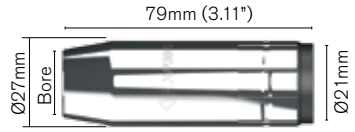
Nozzles

A



STOCK CODE	STYLE	BORE
XP3002-13	Tapered	13mm (1/2")
XP3002-16	Conical	16mm (5/8")
XP3002-19	Cylindrical	19mm (3/4")

Extended Nozzles



XP3002-16L	Conical	16mm (5/8")
XP3002-19L	Cylindrical	19mm (3/4")

Contact Tips CuCrZr

B



STOCK CODE	WIRE SIZE	MATERIAL
XP3003-10	1.0mm (.040")	CuCrZr
XP3003-12	1.2mm (.045")	CuCrZr
XP3003-14	1.4mm (.055")	CuCrZr
XP3003-16	1.6mm (1/16")	CuCrZr
XP3003-10A	1.0mm (.040")	CuCrZr
XP3003-12A*	1.2mm (.045")	CuCrZr
XP3003-14A	1.4mm (.055")	CuCrZr
XP3003-16A	1.6mm (1/16")	CuCrZr

Diffusers

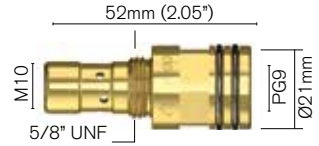
C



STOCK CODE	TYPE	HEAD
XP3004B*	Moulded with ceramic insert	M10
XP3004C (NI)	White	M10
XP3004S (NI)	Grey	M10

Head Assembly

D



STOCK CODE	TIP THREAD
XP3505*	M10



*** Denotes standard build**

DRIVE MODULE OPTIONS
See pages 32 for more information.

WIRE ROLL SETS
See pages 33 for more information.

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

XP8 LINERS

		STOCK CODE	LENGTH	WIRE SIZE	APPLICATION	XP8-200A	XP8-300A	XP8-350A	XP8-400A	XP8-320W	XP8-450W	XP8-350A PP	XP8 450W PP
A	Steel	XP2024-09-30	3m (10ft)	0.6mm-0.9mm (.023"-.035")	Steel Wires	■	■	□	□	□	□		
		XP2024-09-40	4m (13ft)	0.6mm-0.9mm (.023"-.035")	Steel Wires	■	■	□	□	□	□		
		XP2024-09-50	5m (16ft)	0.6mm-0.9mm (.023"-.035")	Steel Wires	■	■	□	□	□	□		
		XP2024-12-30	3m (10ft)	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	■	□	□	■	□		
		XP2024-12-40	4m (13ft)	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	■	□	□	■	□		
		XP2024-12-50	5m (16ft)	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	■	□	□	■	□		
		XP2024-16-30	3m (10ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires	□	□	□	□	■	□		
		XP2024-16-40	4m (13ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires	□	□	□	□	■	□		
		XP2024-16-50	5m (16ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires	□	□	□	□	■	□		
B	Polyamide-Copper	XP2024PC-12-30	3m (10ft)	0.8mm-1.2mm (.030"-.045")	Soft Wires	■	■	■	□	■	■		
		XP2024PC-12-40	4m (13ft)	0.8mm-1.2mm (.030"-.045")	Soft Wires	■	■	■	□	■	■		
		XP2024PC-12-50	5m (16ft)	0.8mm-1.2mm (.030"-.045")	Soft Wires	■	■	■	□	■	■		
		XP2024PS-12-30	3m (10ft)	0.8mm-1.2mm (.030"-.045")	Hard Wires	■	■	■	□	■	■		
		XP2024PS-12-40	4m (13ft)	0.8mm-1.2mm (.030"-.045")	Hard Wires	■	■	■	□	■	■		
		XP2024PS-12-50	5m (16ft)	0.8mm-1.2mm (.030"-.045")	Hard Wires	■	■	■	□	■	■		
A	Steel	XP3524-12-30	3m (10ft)	1.0mm-1.2mm (040"-.045")	Steel Wires			■	■	□	■		
		XP3524-12-40	4m (13ft)	1.0mm-1.2mm (040"-.045")	Steel Wires			■	■	□	■		
		XP3524-12-50	5m (16ft)	1.0mm-1.2mm (040"-.045")	Steel Wires			■	■	□	■		
		XP3524-16-30	3m (10ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires			■	■	□	■		
		XP3524-16-40	4m (13ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires			■	■	□	■		
		XP3524-16-50	5m (16ft)	1.2mm-1.6mm (.045"-.063")	Steel Wires			■	■	□	■		
B	Polyamide-Copper	XP3524PC-16-30	3m (10ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires			■	□	■	■		
		XP3524PC-16-40	4m (13ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires			■	□	■	■		
		XP3524PC-16-50	5m (16ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires			■	□	■	■		
B	Polyamide-Steel	XP3524PS-16-30	3m (10ft)	1.2mm-1.6mm (.045"-.063")	Hard Wires			■	□	■	■		
		XP3524PS-16-40	4m (13ft)	1.2mm-1.6mm (.045"-.063")	Hard Wires			■	□	■	■		
		XP3524PS-16-50	5m (16ft)	1.2mm-1.6mm (.045"-.063")	Hard Wires			■	□	■	■		
A	Steel	XP4024-24-30	3m (10ft)	2.0mm-2.4mm (.080"-.095")	Steel Wires			□	■	□	■		
		XP4024-24-40	4m (13ft)	2.0mm-2.4mm (.080"-.095")	Steel Wires			□	■	□	■		
		XP4024-24-50	5m (16ft)	2.0mm-2.4mm (.080"-.095")	Steel Wires			□	■	□	■		
B	Polyamide-Copper	XP4024PC-20-30	3m (10ft)	1.6mm-2.0mm (.063"-.080")	Soft Wires			□	■	□	■		
		XP4024PC-20-40	4m (13ft)	1.6mm-2.0mm (.063"-.080")	Soft Wires			□	■	□	■		
		XP4024PC-20-50	5m (16ft)	1.6mm-2.0mm (.063"-.080")	Soft Wires			□	■	□	■		
B	Polyamide-Steel	XP4024PS-20-30	3m (10ft)	1.6mm-2.0mm (.063"-.080")	Hard Wires			□	■	□	■		
		XP4024PS-20-40	4m (13ft)	1.6mm-2.0mm (.063"-.080")	Hard Wires			□	■	□	■		
		XP4024PS-20-50	5m (16ft)	1.6mm-2.0mm (.063"-.080")	Hard Wires			□	■	□	■		
C	Teflon	PP1536-60	6m (20ft)	0.6mm-0.9mm (.023"-.035")	Soft Wires							■	■
		PP1536-80	8.0m (26ft)	0.6mm-0.9mm (.023"-.035")	Soft Wires							■	■
		PP1536-10	10m (33ft)	0.6mm-0.9mm (.023"-.035")	Soft Wires							■	■
		PP2513-60	6m (20ft)	1.0mm-1.2mm (040"-.045")	Soft Wires							■	■
		PP2513-80	8.0m (26ft)	1.0mm-1.2mm (040"-.045")	Soft Wires							■	■
		PP2513-10	6m (20ft)	1.0mm-1.2mm (040"-.045")	Soft Wires							■	■
		PP3626-60	10m (33ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires								■
		PP3626-80	8.0m (26ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires								■
		PP3626-10	10m (33ft)	1.2mm-1.6mm (.045"-.063")	Soft Wires								■

A



B



C



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

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

BZL ECO-GRIP MAX™

The Parweld Eco-Grip Max™ MIG torch range is the perfect everyday welding torch.

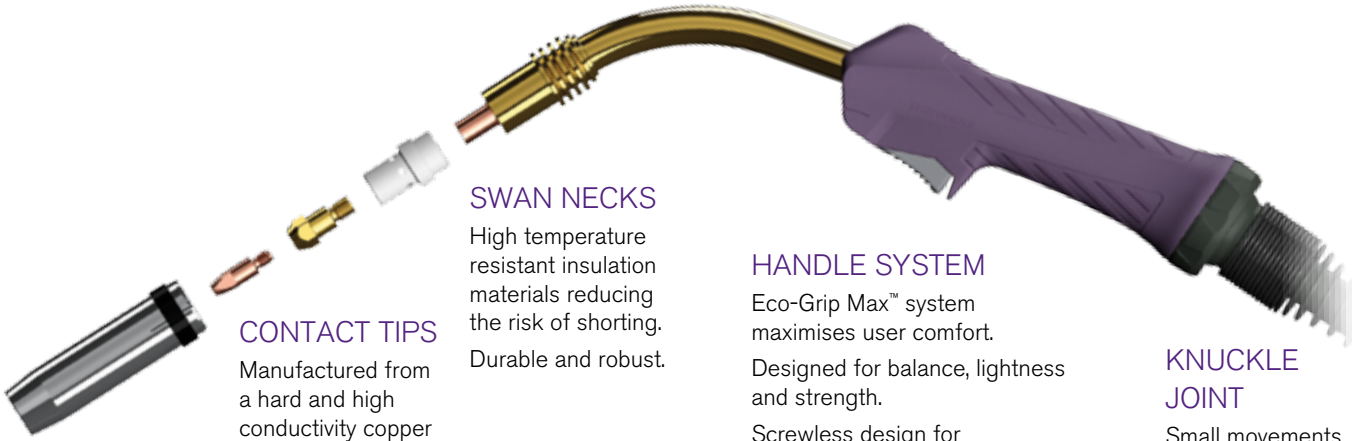
The Eco-Grip Max™ MIG torch range offers the benefits of a modern ergonomic design while maintaining a simple and classic feel at a competitive price.

BZL ECO-GRIP™ MAX. 39
ECO-GRIP MAX™ - KEY FEATURES 40
DIRECT FIT ECO-GRIP MAX™ 150A 41
BZL ECO-GRIP MAX™ TORCH RANGE. 42
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ECO-GRIP MAX™ 501W 54
ECO-GRIP MAX™ LINERS 56

COMFORT AS STANDARD

KEY FEATURES

Designed to be durable, reliable and comfortable, the Eco-Grip Max™ MIG range is manufactured to give longevity and superior performance.



NOZZLES

Longevity and superior performance as standard.

CONTACT TIPS

Manufactured from a hard and high conductivity copper alloy.

SWAN NECKS

High temperature resistant insulation materials reducing the risk of shorting.

Durable and robust.

HANDLE SYSTEM

Eco-Grip Max™ system maximises user comfort.

Designed for balance, lightness and strength.

Screwless design for rapid servicing.

KNUCKLE JOINT

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

Enhanced wire feeding performance.

CABLES

Hydroflex™ and Hyperflex™ cable systems offer the ultimate in performance.

MACHINE END SYSTEMS

Extra long cable support.



EURO CONNECTORS

Spring loaded pins for improved contact.

Alternative connections available, see page 148-149.

DIRECT FIT ECO-GRIP MAX™ 150A

Parweld Replacement torches compatable with the following machines.

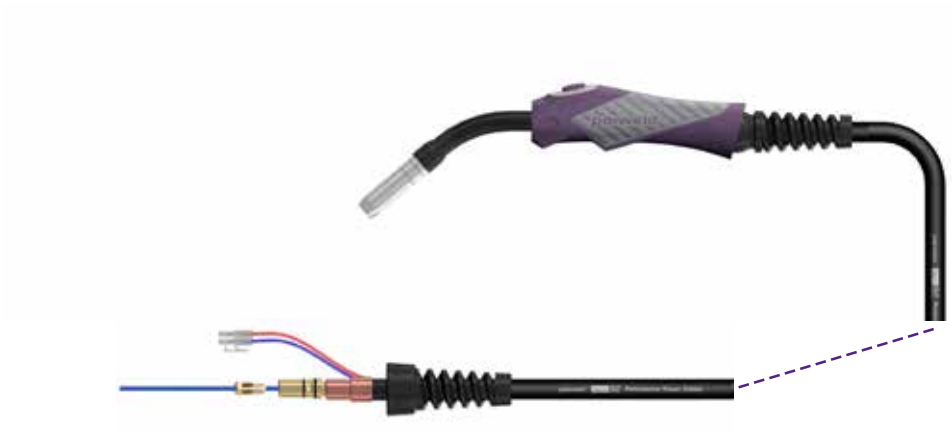


Torch compatable with ESAB® I Caddy, MIG C160i, C200I
Part Number: ECR1500-30ES
For consumables, see page 44.



Torch compatable with Kemppi® Mini Arc M160
Part Number: ECR1500-30KE
For consumables, see page 44.

Torch compatable with Migatronic® Rally MIG
Part Number: ECR1500-30MI
For consumables, see page 44.



ESAB® Caddy, Kemppi® Mini Arc, Migatronic® Rally trademarks are the property of their respective owner, and usage is to confirm compatability. These products are not endorsed by the original manufacturer.

BZL - ECO-GRIP MAX™ TORCH RANGE

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.



		ECO-GRIP MAX™ 150A	ECO-GRIP MAX™ 240A	ECO-GRIP MAX™ 250A	ECO-GRIP MAX™ 360A	ECO-GRIP MAX™ 401W	ECO-GRIP MAX™ 501W
STOCK CODE	3M	ECR1500-30ER	ECR2400-30ER	ECR2500-30ER	ECR3600-30ER	ECR4001-30ER	ECR5000-30ER
	4M	ECR1500-40ER	ECR2400-40ER	ECR2500-40ER	ECR3600-40ER	ECR4001-40ER	ECR5000-40ER
	5M	ECR1500-50ER	ECR2400-50ER	ECR2500-50ER	ECR3600-50ER	ECR4001-50ER	ECR5000-50ER
COOLING		Air	Air	Air	Air	Water	Water
RATING		140A CO_2 140A Mixed Gas @ 60%	200A CO_2 170A Mixed Gas @ 60%	184A CO_2 160A Mixed Gas @ 60%	240A CO_2 216A Mixed Gas @ 60%	400A CO_2 350A Mixed Gas @ 100%	400A CO_2 360A Mixed Gas @ 100%
WIRE SIZE		0.6mm-1.0mm (.023"-.040")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")	1.0mm-1.6mm (.040"-1/16")

PRO-GRIP MAX™ HANDLE

ERGONOMIC DESIGN

GREATER EFFICIENCY

REDUCED FATIGUE

IMPROVED PERFORMANCE



Ergonomically superior handle design gives a perfect balance between comfort and style.

Light and ergonomic screwless handle design ensures comfort all day long, with improved wire feeding.

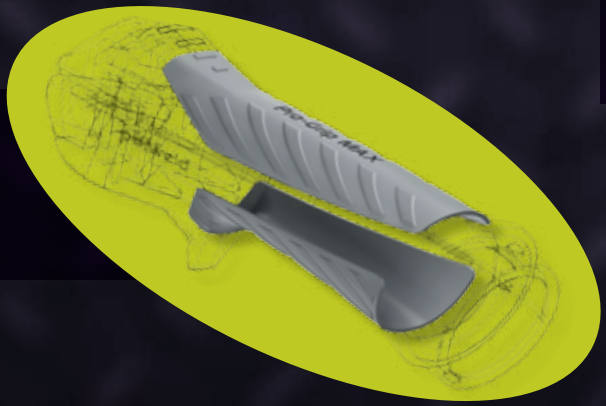


PRO-GRIP™ TWC AND BND MIG TORCHES NOW AVAILABLE

Reduced trigger reach for improved comfort.

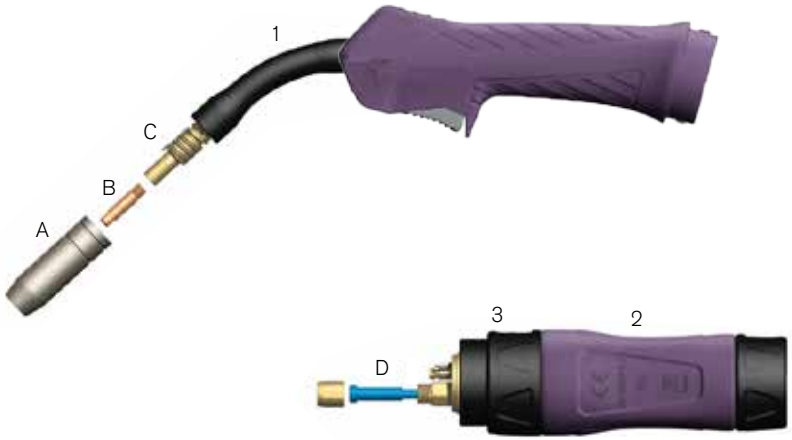
Ball joint and flexible tapered support for balance, control and free movement.

Dual grips provide maximum grip strength with minimal effort, allowing the user to relax their grip.



ECO-GRIP MAX™ 150A

AIR COOLED MIG TORCH
140A CO_2 140A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.6mm-1.0mm (.023"-.040") Wires





STOCK CODE	DESCRIPTION
ECR1500-30ER	Torch Package c/w Euro Fitting x 3m
ECR1500-40ER	Torch Package c/w Euro Fitting x 4m
ECR1500-50ER	Torch Package c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	ECO1501	Swan Neck c/w Tip Adaptor, Insulation Sleeve
2	B1518	Gun Plug Housing c/w Nut
3	B1519/PL	Gun Plug Nut-Plastic c/w Insert

D

Liners
See page 56 for full range

STOCK CODE	DESCRIPTION
ECO1535-30	Eco Steel 0.6-0.9mm (.023-.035") x 3m
ECO1535-40	Eco Steel 0.6-0.9mm (.023-.035") x 4m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

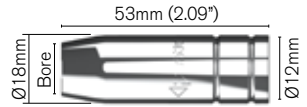
NEW - DIRECT FIT AVAILABLE
See page 41 for more information

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

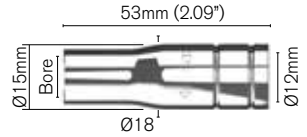
PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

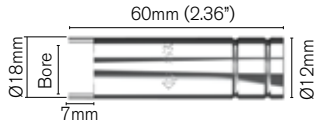
A



STOCK CODE	STYLE	BORE
ECO1530*	Eco Conical	12mm (15/32")
B1529	Cylindrical	16mm (5/8")
B1531	Tapered	11mm (7/16")



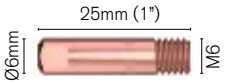
B1532	Bottle	13mm (1/2")



B1533	Spot	16mm (5/8")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
ECO1527-06	0.6mm (.023")	ECu
ECO1527-08*	0.8mm (.030")	ECu
ECO1527-10	1.0mm (.040")	ECu

Tip Adaptors

C



STOCK CODE	TIP THREAD
B1507 L/H	M6

*** Denotes standard build**

ROLL MARKING

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

WELDING PROTECTIVE EQUIPMENT

Welding glasses and welding goggles provide the wearer with a degree of eye protection while cutting and welding on a job.



ECO-GRIP MAX™ 240A

AIR COOLED MIG TORCH
200A CO_2 170A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
ECR2400-30ER	Torch Package c/w Euro Fitting x 3m
ECR2400-40ER	Torch Package c/w Euro Fitting x 4m
ECR2400-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 ECO2401	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

E

Liners
See page 56 for full range

STOCK CODE	DESCRIPTION
ECO1535-30	Eco Steel 0.6-0.9mm (.023-.035") x 3m
ECO1535-40	Eco Steel 0.6-0.9mm (.023-.035") x 4m
ECO1535-50	Eco Steel 0.6-0.9mm (.023-.035") x 5m
ECO2524-30*	Eco Steel 1.0-1.2mm (.040-.045") x 3m
ECO2524-40*	Eco Steel 1.0-1.2mm (.040-.045") x 4m
ECO2524-50*	Eco Steel 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

NEW - DIRECT FIT AVAILABLE
See page 41 for more information

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

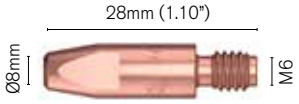
A



STOCK CODE	STYLE	BORE
ECO2415	Cylindrical	17mm (11/16")
ECO2416*	Conical	13mm (1/2")
ECO2417	Tapered	10mm (3/8")

Contact Tips

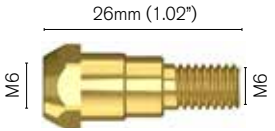
B



STOCK CODE	WIRE SIZE	MATERIAL
ECO2504-08	0.8mm (.030")	ECu
ECO2504-10*	1.0mm (.040")	ECu
ECO2504-12	1.2mm (.045")	ECu

Tip Adaptors

C



STOCK CODE	TIP THREAD
B2412	M6

Gas Diffusers

D



STOCK CODE	COLOUR
B2405B	Black
B2405C*	Ceramic
B2405W	White

*** Denotes standard build**

ROLL MARKING

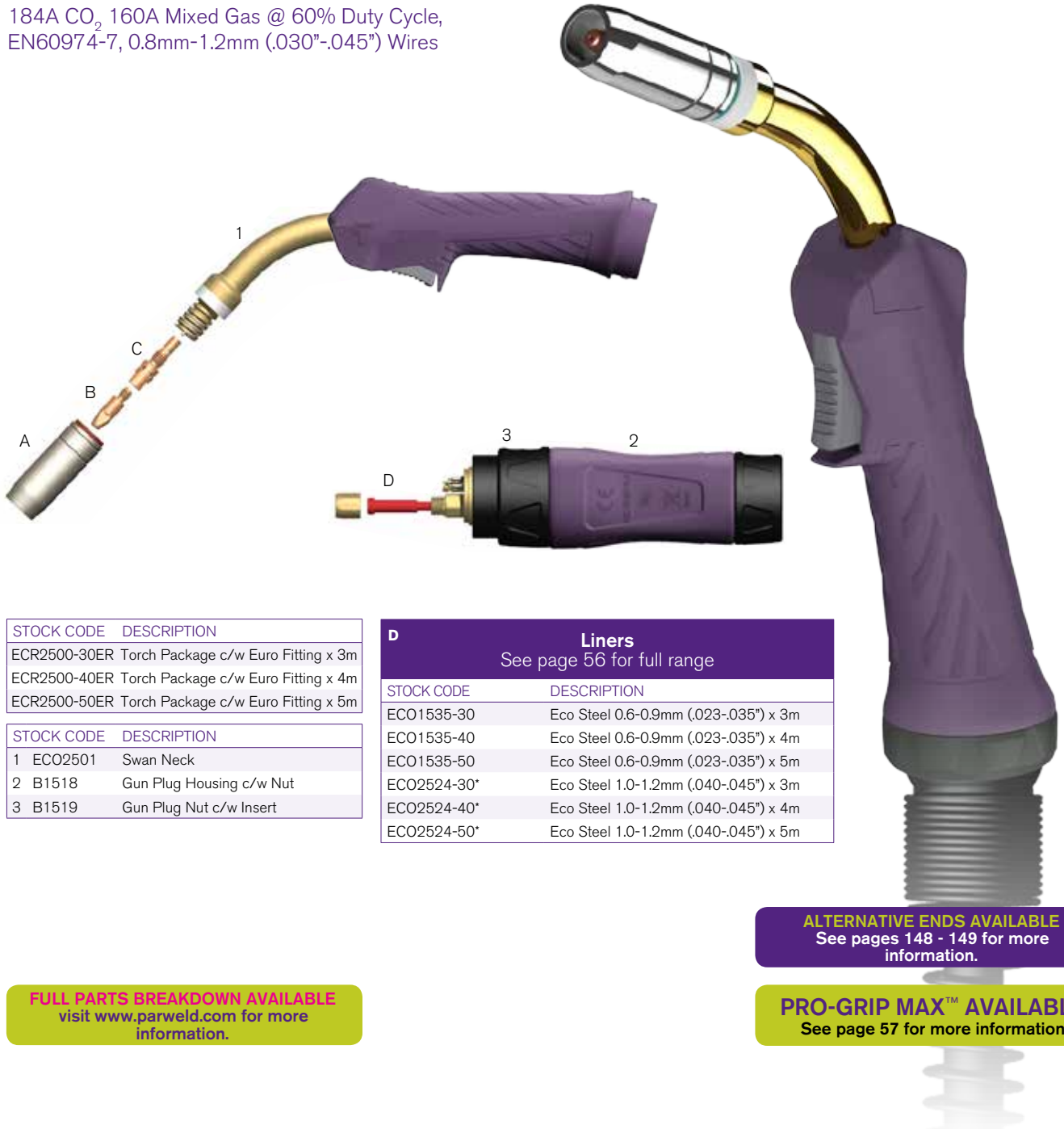
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

XTM255i, XTM256i, and XTM356i



ECO-GRIP MAX™ 250A

AIR COOLED MIG TORCH
184A CO_2 160A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
ECR2500-30ER	Torch Package c/w Euro Fitting x 3m
ECR2500-40ER	Torch Package c/w Euro Fitting x 4m
ECR2500-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	ECO2501	Swan Neck
2	B1518	Gun Plug Housing c/w Nut
3	B1519	Gun Plug Nut c/w Insert

D

Liners
See page 56 for full range

STOCK CODE	DESCRIPTION
ECO1535-30	Eco Steel 0.6-0.9mm (.023-.035") x 3m
ECO1535-40	Eco Steel 0.6-0.9mm (.023-.035") x 4m
ECO1535-50	Eco Steel 0.6-0.9mm (.023-.035") x 5m
ECO2524-30*	Eco Steel 1.0-1.2mm (.040-.045") x 3m
ECO2524-40*	Eco Steel 1.0-1.2mm (.040-.045") x 4m
ECO2524-50*	Eco Steel 1.0-1.2mm (.040-.045") x 5m

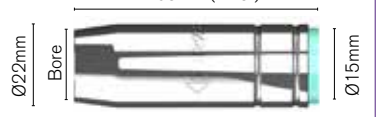
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

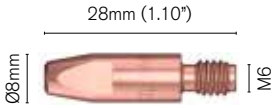
A



STOCK CODE	STYLE	BORE
ECO2507	Cylindrical	18mm (5/7")
ECO2508*	Conical	15mm (19/32")
ECO2509	Tapered	12mm (15/32")

Contact Tips

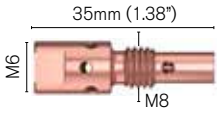
B



STOCK CODE	WIRE SIZE	MATERIAL
ECO2504-08*	0.8mm (.030")	ECu
ECO2504-10	1.0mm (.040")	ECu
ECO2504-12	1.2mm (.045")	ECu

Tip Adaptors

C



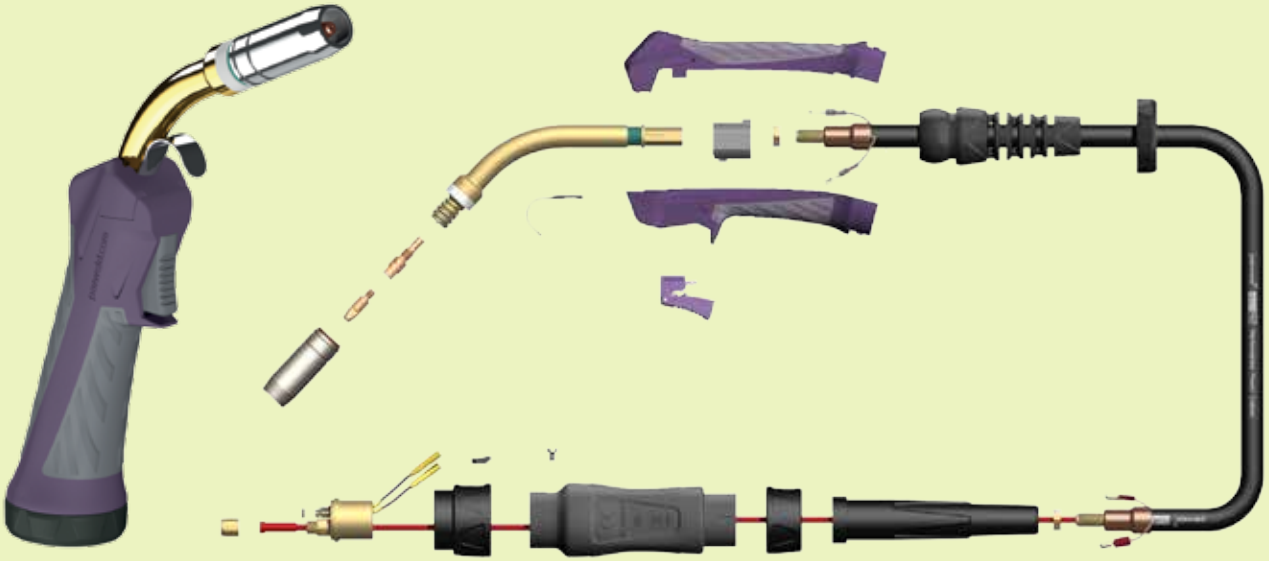
STOCK CODE	TIP THREAD
ECO2506	M6

*** Denotes standard build**

ROLL MARKING

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

FOR A COMPLETE BREAKDOWN OF PARWELD TORCH PARTS,



PLEASE REFER TO THE TECHNICAL PAGE ON OUR WEBSITE.

ECO-GRIP MAX™ 360A

AIR COOLED MIG TORCH
240A CO_2 216A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
ECR3600-30ER	Torch Package c/w Euro Fitting x 3m
ECR3600-40ER	Torch Package c/w Euro Fitting x 4m
ECR3600-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	ECO3603	Swan Neck
2	B1518	Gun Plug Housing c/w Nut
3	B1519/BK	Gun Plug Nut-Black

F

Liners
See page 56 for full range

STOCK CODE	DESCRIPTION
ECO1535-30	Eco Steel 0.6-0.9mm (.023-.035") x 3m
ECO1535-40	Eco Steel 0.6-0.9mm (.023-.035") x 4m
ECO1535-50	Eco Steel 0.6-0.9mm (.023-.035") x 5m
ECO2524-30*	Eco Steel 1.0-1.2mm (.040-.045") x 3m
ECO2524-40*	Eco Steel 1.0-1.2mm (.040-.045") x 4m
ECO2524-50*	Eco Steel 1.0-1.2mm (.040-.045") x 5m

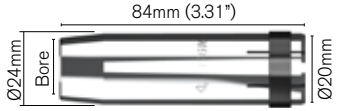
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

A



STOCK CODE	STYLE	BORE
ECO3615	Cylindrical	19mm (3/4")
ECO3616*	Conical	16mm (5/8")
ECO3617	Tapered	12mm (15/32")

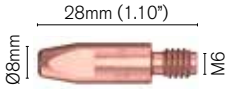
*** Denotes standard build**

ROLL MARKING

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

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
ECO2504-08	0.8mm (.030")	ECu
ECO2504-10	1.0mm (.040")	ECu
ECO2504-12*	1.2mm (.045")	ECu

C



B4014-08	0.8mm (.030")	ECu
ECO4014-10	1.0mm (.040")	ECu
ECO4014-12	1.2mm (.045")	ECu

Tip Adaptors

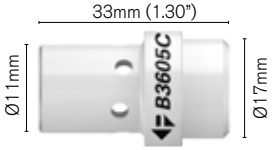
D



STOCK CODE	TIP THREAD
ECO3612*	M6
ECO3614	M8

Gas Diffusers

E



STOCK CODE	COLOUR
B3605B	Black
B3605C	Ceramic
B3605W*	White

GRIP GLOVES
COLOUR CODED PROTECTION

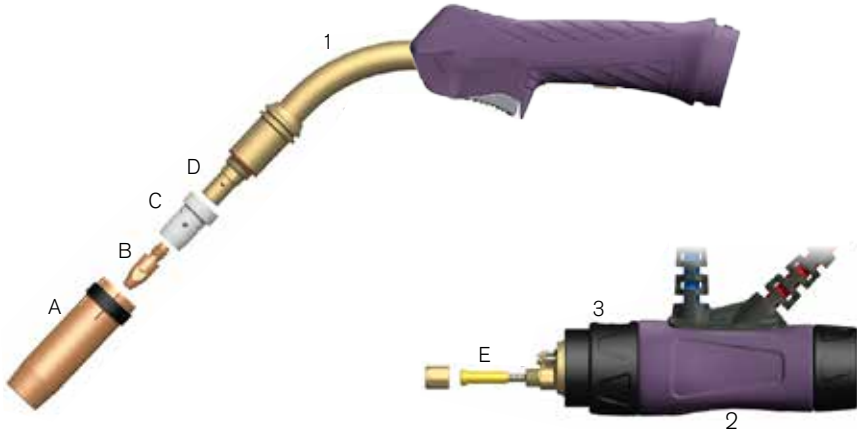
Our gloves are ideal for heavy-duty work like welding and woodworking as well as lighter tasks such as gardening and DIY jobs.





ECO-GRIP MAX™ 401W

WATER COOLED MIG TORCH
400A CO_2 350A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
ECR4001-30ER	Torch Package c/w Euro Fitting x 3m
ECR4001-40ER	Torch Package c/w Euro Fitting x 4m
ECR4001-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	B4011	Swan Neck
2	B5022	Gun Plug Housing, Lock Nut, Hose Supports
3	B1519	Gun Plug Nut c/w Insert

E

Liners
See page 56 for full range

STOCK CODE	DESCRIPTION
B5033-30*	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40*	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50*	Plain 1.0-1.2mm (.040-.045") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

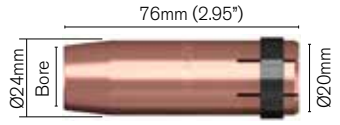
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

A



STOCK CODE	STYLE	BORE
ECO5027	Cylindrical	19mm (3/4")
ECO5028*	Conical	16mm (5/8")
ECO5029	Tapered	14mm (9/16")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.035")	ECu
ECO4014-10	1.0mm (.040")	ECu
ECO4014-12*	1.2mm (.045")	ECu

Diffusers

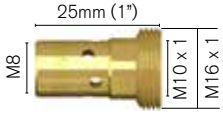
C



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

Tip Adaptor

D



STOCK CODE	TIP THREAD
ECO5001	M8

*** Denotes standard build**

ROLL MARKING

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

Using advanced power components with Ultra-fast switching to ensure precise control of the arc to give outstanding weld quality on all materials and in all applications.



parweld
WELDING THE FUTURE

MACHINES COME WITH

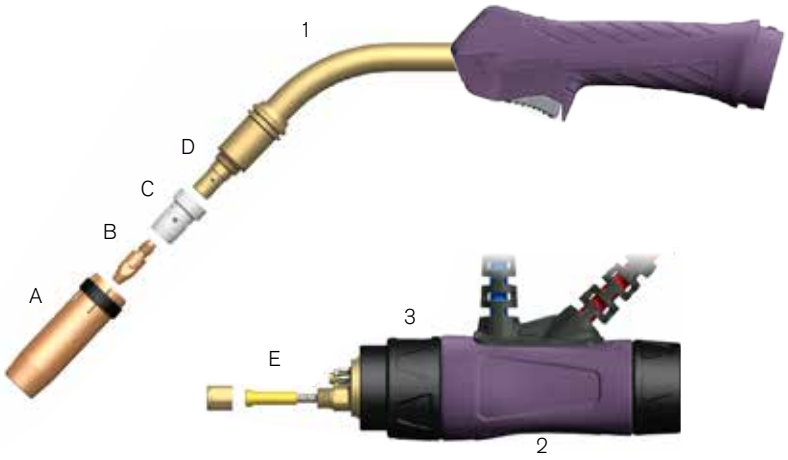
APT+ M Root, Deep, Cold, Position, Stabi and Pipe Programs

APT+ ADVANCED POWER TECHNOLOGY

PULSE MIG MACHINES

ECO-GRIP MAX™ 501W

WATER COOLED MIG TORCH
400A CO_2 360A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040”-1/16”) Wires





STOCK CODE	DESCRIPTION
ECR5000-30ER	Torch Package c/w Euro Fitting x 3m
ECR5000-40ER	Torch Package c/w Euro Fitting x 4m
ECR5000-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	ECO5002	Everyday Swan Neck
2	B5022	Gun Plug Housing, Lock Nut, Hose Supports
3	B1519	Gun Plug Nut

E **Liners**
See page 56 for full range

STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0-1.2mm (.040-.045”) x 3m
B5033-40	Plain 1.0-1.2mm (.040-.045”) x 4m
B5034-30*	Plain 1.2-1.6mm (.045-1/16”) x 3m
B5034-40*	Plain 1.2-1.6mm (.045-1/16”) x 4m
B2513-30	Teflon 1.0-1.2mm (.040-.045”) x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045”) x 4m
B3626-30	Teflon 1.2-1.6mm (.045-1/16”) x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16”) x 4m

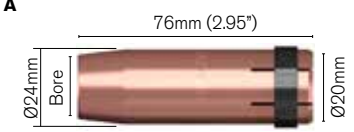
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

PRO-GRIP MAX™ AVAILABLE
See page 57 for more information

Nozzles

A



STOCK CODE	STYLE	BORE
ECO5027	Cylindrical	19mm (3/4")
ECO5028*	Conical	16mm (5/8")
ECO5029	Tapered	14mm (9/16")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
ECO4014-10	1.0mm (.040")	ECu
ECO4014-12*	1.2mm (.045")	ECu
ECO4014-16	1.6mm (1/16")	ECu

Diffusers

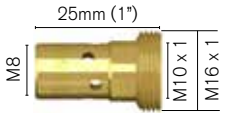
C



STOCK CODE	COLOUR
B5005B	Black
B5005C	Ceramic
B5005W*	White

Tip Adaptor

D



STOCK CODE	TIP THREAD
ECO5001	M8

*** Denotes standard build**

ROLL MARKING

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

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 1869:2019.





ECO-GRIP MAX™ LINERS

		STOCK CODE	LENGTH	WIRE SIZE	ECO150A	ECO240A	ECO250A	ECO360A	ECO401W	ECO501W
A	Steel	ECO1535-30	3m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
		ECO1535-40	4m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
		B1535-50	5m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
B	Teflon	B1536-30++	3m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
		B1536-40++	4m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
		B1536-50++	5m	0.6mm-0.9mm (.023"-.035")	■	■	■	■	□	□
A	Steel	ECO/B2524-30	3m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	□	□
		ECO/B2524-30	4m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	□	□
		B2524-50	5m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	□	□
B	Teflon	B2513-30++	3m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	■	■
		B2513-30++	4m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	■	■
		B2513-30++	5m	1.0mm-1.2mm (.040"-.045")	□	■	■	■	■	■
A	Steel	B3631-30	3m	1.6mm (1/16")	□	□	□	■	□	□
		B3631-40	4m	1.6mm (1/16")	□	□	□	■	□	□
		B3631-50	5m	1.6mm (1/16")	□	□	□	■	□	□
B	Teflon	B3626-30++	3m	1.2mm-1.6mm (.045"-1/16")	□	□	□	■	□	■
		B3626-40++	4m	1.2mm-1.6mm (.045"-1/16")	□	□	□	■	□	■
		B3626-50++	5m	1.2mm-1.6mm (.045"-1/16")	□	□	□	■	□	■
A	Plain	B5033-30	3m	1.0mm-1.2mm (.040"-.045")					■	■
		B5033-40	4m	1.0mm-1.2mm (.040"-.045")					■	■
		B5033-50	5m	1.0mm-1.2mm (.040"-.045")					■	■
A		B5034-30	3m	1.2mm-1.6mm (045"-1/16")					■	■
		B5034-40	4m	1.2mm-1.6mm (045"-1/16")					■	■
		B5034-50	5m	1.2mm-1.6mm (045"-1/16")					■	■
B	Polyamide	B1564-30++	3m	0.8mm-1.2mm (.030"-.045")	■	■	■	■	□	□
		B1564-40++	4m	0.8mm-1.2mm (.030"-.045")	■	■	■	■	□	□
		B1564-50++	5m	0.8mm-1.2mm (.030"-.045")	■	■	■	■	□	□
B		B2564-30++	3m	1.2mm-1.6mm (.045"-1/16")	□	■	■	■	■	■
		B2564-40++	4m	1.2mm-1.6mm (.045"-1/16")	□	■	■	■	■	■
		B2564-50++	5m	1.2mm-1.6mm (.045"-1/16")	□	■	■	■	■	■
B		B3564-30++	3m	1.6mm-2.0mm (1/16"-5/64")	□	■	■	■	■	■
		B3564-40++	4m	1.6mm-2.0mm (1/16"-5/64")	□	■	■	■	■	■
		B3564-50++	5m	1.6mm-2.0mm (1/16"-5/64")	□	■	■	■	■	■
B	Carbon Teflon	B2554-30++	3m	1.0mm-1.2mm (.040"-.045")	■	■	■	■	□	□
		B2554-40++	4m	1.0mm-1.2mm (.040"-.045")	■	■	■	■	□	□
		B2554-50++	5m	1.0mm-1.2mm (.040"-.045")	■	■	■	■	□	□
B		B3554-30++	3m	1.2mm-1.6mm (.045"-1/16")		□	□	□	□	□
		B3554-40++	4m	1.2mm-1.6mm (.045"-1/16")		□	□	□	□	□
		B3554-50++	5m	1.2mm-1.6mm (.045"-1/16")		□	□	□	□	□

A



B



■ Solid Box = Recommended Liner
□ Clear Box = Compatible Liner
++ For optional Neck Liners please use the following codes.
B9000 for soft wires 0.8-1.0mm (.030"-.045")
B9001 for 1.0-1.6mm (.040"-1/16")

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

BZL PRO-GRIP™ MAX

The Parweld Pro-Grip Max™ MIG torch range has been developed using the Company's philosophy of putting the user first. Every aspect of the Pro-Grip Max™ has been designed to make life easier for the welder.

Ergonomic Design - the striking handle design provides maximum comfort and manoeuvrability.

BZL PRO-GRIP™ MAX 57
PRO-GRIP MAX™ KEY FEATURES 58-59
PRO-GRIP MAX™ CONTROL HANDLE 60
PRO-GRIP MAX™ ROTATING NECK 61
PARWELD FUME TORCH 62-63
PRO-FUME 360A 64
PRO-FUME 501W 66
BZL PRO-GRIP MAX™ TORCH RANGE 68
PRO-GRIP MAX™ 150A 72
PRO-GRIP MAX™ 150A FLEX 74
PRO-GRIP MAX™ 240A 76
PRO-GRIP MAX™ 250A 78
PRO-GRIP MAX™ 250A FLEX 80
PRO-GRIP MAX™ 260A 82
PRO-GRIP MAX™ 240W 84
PRO-GRIP MAX™ 360A 86

Reduced Fatigue - using the latest over moulding techniques, large soft grips ensure that the torch remains in place with minimal effort.

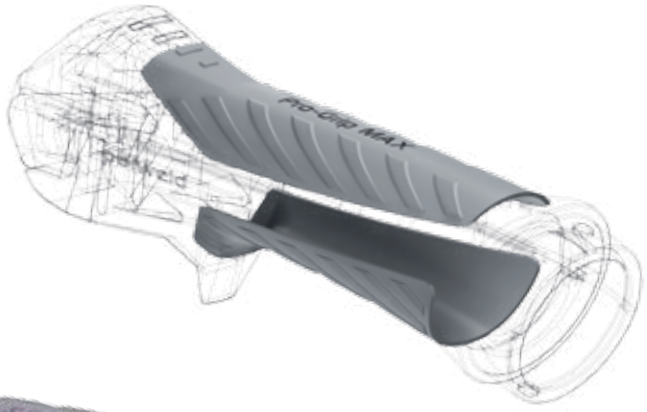
Manoeuvrability - knuckle joint and cable support allow small movements of the handle and neck, independent of the cable assembly giving the welder freedom of movement whilst still maintaining support.

PRO-GRIP MAX™ 350W 88
PRO 380A™ 90
PRO 400A™ 92
PRO-GRIP MAX™ 401W 94
PRO-GRIP MAX™ 400W 96
PRO-GRIP MAX™ 501W 98
PRO-GRIP MAX™ 501XW 100
PRO-GRIP MAX™ 501W EXT 102
PRO™ 550W 104
SB™ 501W AUTO 106
BZL PUSH PULL™ 108
HOW TO ORDER - BZL PUSH PULL™ 109
PUSH PULL™ 360A 110
PUSH PULL™ 400W 112
PRO-GRIP MAX™ LINERS 114

TECHNOLOGICALLY ADVANCED USER FOCUSED DESIGN

KEY FEATURES

Every detail of the Pro-Grip Max™ MIG torch has been engineered with the user in mind. We work to ensure that every aspect of the design is simple, comfortable and effective. With superior ergonomics, the Pro-Grip Max™ reduces fatigue, increases comfort and improves performance.





NOZZLES

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

CONTACT TIPS

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

SWAN NECKS

High temperature resistant insulation materials reducing the risk of shorting.

Durable and robust.

HANGER HOOKS

Easy to store, less prone to damage. Encourages an efficient and tidy workspace.

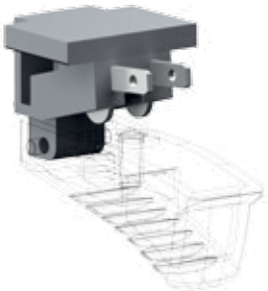
HANDLE SYSTEM

The ergonomically superior Pro-Grip Max™ system maximises user comfort.

Integrated soft grips ensure the handle remains in place with minimal grip pressure.

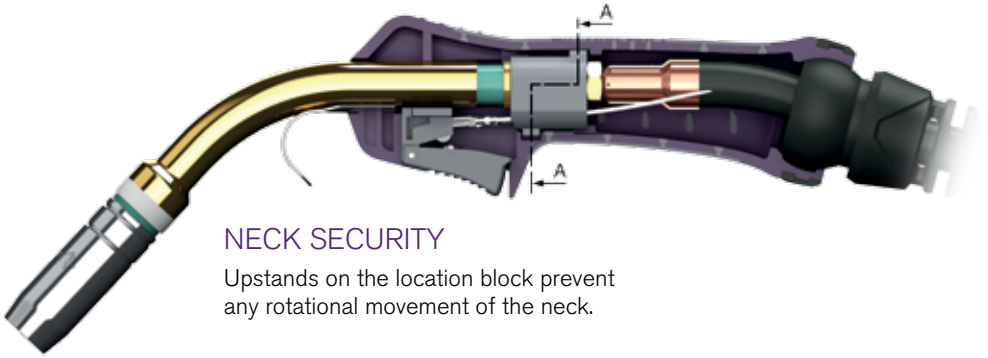
Designed for balance, lightness and strength enhanced wire feeding performance.

Screwless design for rapid servicing.



SECURE CONTACTS

The contacts in the trigger carrier are over-moulded so cannot pull out.



NECK SECURITY

Upstands on the location block prevent any rotational movement of the neck.



Section AA through handle.



KNUCKLE JOINT

Improved manoeuvrability - small movements of the handle and neck are possible independently of the cable assembly.



CABLE SUPPORTS

Improved wire feeding.

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

PRO-GRIP MAX™ CONTROL HANDLE

The Pro-Grip Max™ Control Handle allows the user to control welding machine parameters directly from the torch. Control modules are available in 2 and 4 button versions, and can be assembled to the handle in seconds.



The Control modules are powered by the native control voltage of the power source through the existing trigger wires, so no additional wiring or connectors are required on the power source. When a button is pressed it returns a unique voltage back to the machine. The power source uses simple logic to act on the voltages being received.
Note: Power source must be compatible with this control method in order for the system to work. For more information and to check suitability please contact sales.



OLED DISPLAY MIG CONTROL MODULE

Stock Code PROMC4D

For use with the Parweld XTM211Di and XTM221Di machines, this control module provides a mirrored version of the information and control provided by the machine. It will not work on other machines without the reprogramming of the torch mounted microprocessor, which can be done in accordance with the requirements of the OEM machine manufacturer.

4 BUTTON MIG CONTROL MODULE

Stock Code PROMC4

Allows the selection and adjustment of multiple parameters on the power source for complete remote control.

2 BUTTON MIG CONTROL MODULE

Stock Code PROMC2

Allows the up/down control of a single predefined parameter such as synergic power control or wire speed.

MULTI-PROCESS DIGITAL INVERTERS

For the best use of this torch, we recommend using it with the XTM201Di XTM211Di or XTM221Di Multi-Process Digital Inverters. A torch fitted with the OLED display module will not work on the XTM201Di.

HOW TO ORDER

For complete torches with 2, 4, or 4 button and display, suffix the stock code with either 2, 4, or 4D. For example PRO2500-30ER2. For control modules only, see stock codes above.

PRO-GRIP MAX™ ROTATING NECK

FULLY ROTATING NECK

Multi-positional welding in limited access, difficult to reach locations.

Increased comfort, reduced fatigue.

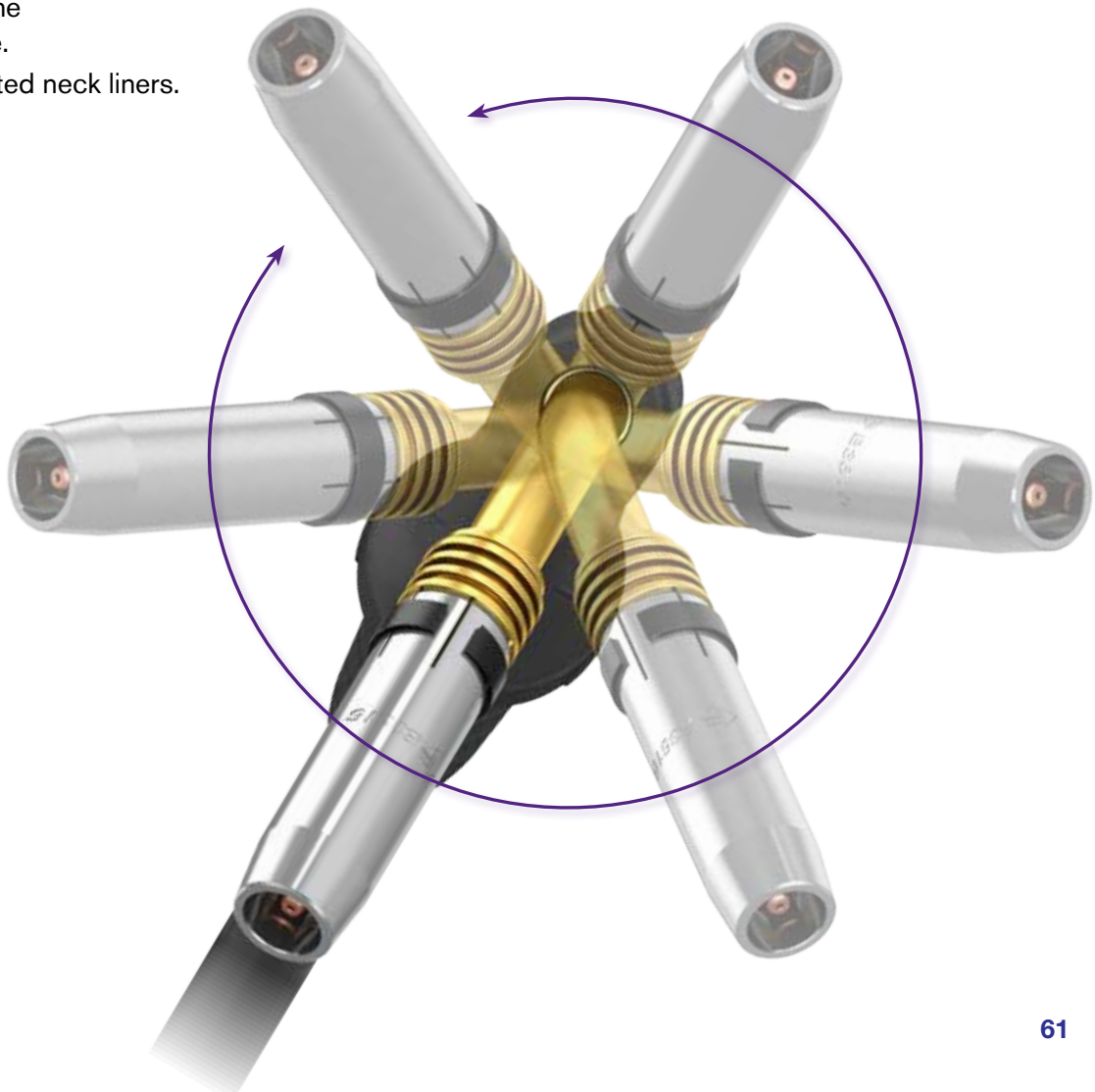
BZL DESIGN

Same quality features as the Pro-Grip Max™ BZL Range.

Quick change with dedicated neck liners.

6” and 45° angles.

STOCK CODE	DESCRIPTION
PRO3600R-30ER	Pro-X Welding Torch c/w Euro Fitting x 3m Rotating Neck
PRO3600R-40ER	Pro-X Welding Torch c/w Euro Fitting x 4m Rotating Neck
PRO3600R-50ER	Pro-X Welding Torch c/w Euro Fitting x 5m Rotating Neck



PARWELD FUME

AIR AND WATER COOLED MIG TORCHES



Parwelds' air and water cooled fume MIG torches have been designed to the highest industrial standards.

Front end consumables are finished so that they are light weight but durable, fully insulated from the neck conductor, and fully sealed to prevent vacuum ingress into the protective gas nozzle chamber.

A large opening suction nozzle design ensures maximum volume of flow at the front end. Removing welding fume most efficiently.

Our grip handle is designed with our tried and tested grip geometry and the handle size has been kept to a minimum without reducing the vacuum and flow volume. The perfect grip is combined with the balance and as low weight as possible by using inventive component design.

We have included a thumb adjustable sliding vent to allow vacuum regulation when required; for example reducing front end suction when in tight corners.

Our standard handle ball joint has been adapted so that it is fully sealed, minimising vacuum losses at the same time as increasing manoeuvrability for the welder.

Protective leather cover on the torch end hose, eliminates hose punctures from hot sparks and sharp edges.

Flexible and puncture resistance hosing has been used along the torch length. And we have stepped the size along the harness to increase vacuum suction at the front of the torch.

At the machine end there is a rotatable outlet for perfect positioning of the hose connection towards the extraction unit. Joints are fully sealed to minimise vacuum losses. And a standard 2" size connection can be adapted to other hose sizes with hose connector options.

Most importantly, our torches are tested and comply with ISO 21904-1 achieving the required volumetric flow of welding fume.

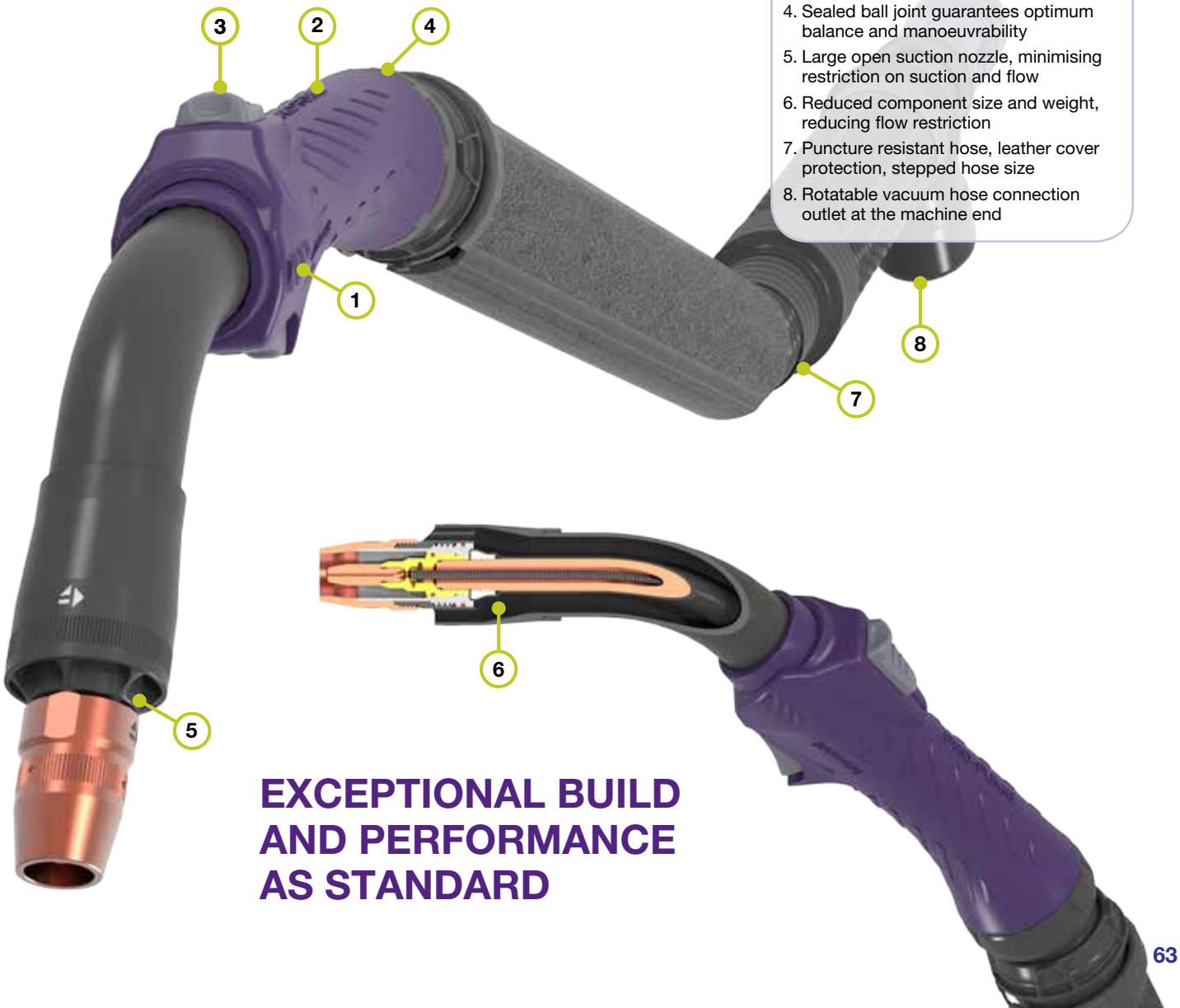
PARWELD FUME

AIR AND WATER COOLED MIG TORCHES

IT'S IN THE DETAIL

KEY FEATURES

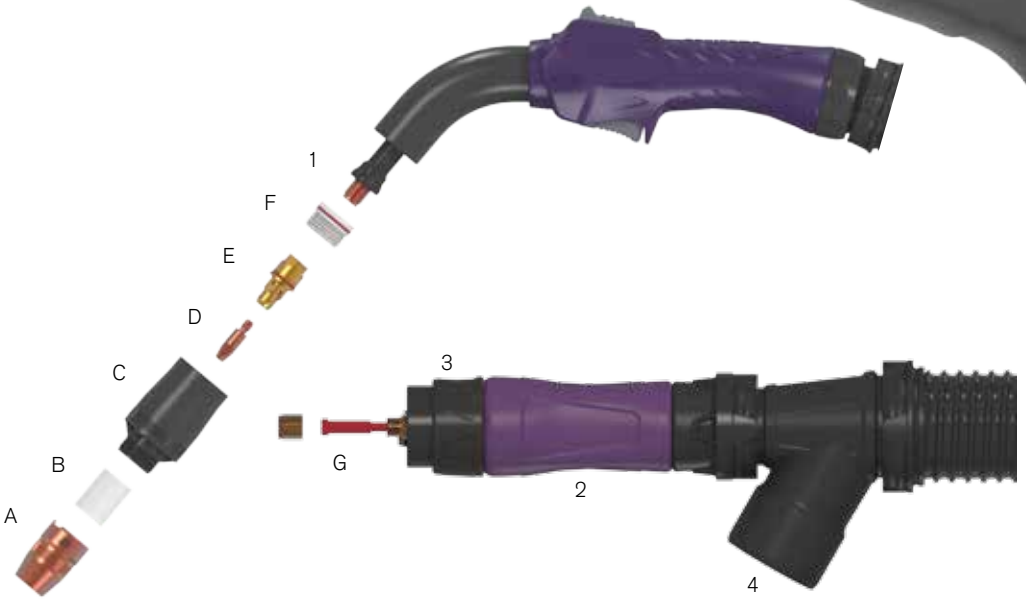
1. Grip handle, balanced, accurate and optimal grip for torch control
2. Optimal handle size achieved without reducing suction and flow
3. Large thumb operated vent for reducing suction when required
4. Sealed ball joint guarantees optimum balance and manoeuvrability
5. Large open suction nozzle, minimising restriction on suction and flow
6. Reduced component size and weight, reducing flow restriction
7. Puncture resistant hose, leather cover protection, stepped hose size
8. Rotatable vacuum hose connection outlet at the machine end



EXCEPTIONAL BUILD AND PERFORMANCE AS STANDARD

PRO-FUME 360A

AIR COOLED MIG TORCH
300A CO_2 270A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
PFE3600-30ER	Torch c/w Euro Fitting x 3m
PFE3600-40ER	Torch c/w Euro Fitting x 4m
PFE3600-50ER	Torch c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	PFE3603	Swan Neck
2	B1518	Gun Plug Housing c/w Lock Nut and Cover
3	B1519	Gun Plug Nut c/w Insert
4	PFE0018	Vacuum Hose Connector Housing

G

Liners
See page 114 for full range

STOCK CODE	DESCRIPTION
B2524-30*	Steel 1.2mm-1.6mm (.045-1/16") x 3m
B2524-40*	Steel 1.2mm-1.6mm (.045-1/16") x 4m
B2524-50*	Steel 1.2mm-1.6mm (.045-1/16") x 5m
B2513-30	Teflon 1.0mm-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0mm-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0mm-1.2mm (.040-.045") x 5m

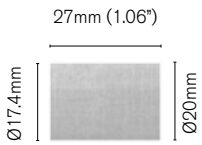
Nozzles

A



STOCK CODE	STYLE	BORE
PFE3615	Cylindrical	19mm (3/4")
PFE3616*	Conical	16mm (5/8")
PFE3617	Tapered	14mm (9/16")

B



PFE3605	Spatter Insulator

Suction Nozzle

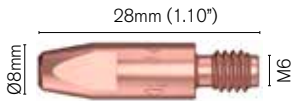
C



STOCK CODE	COLOUR
PFE3693*	Suction Nozzle

Contact Tips

D



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10	1.0mm (.040")	ECu
B2504-12*	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-09	0.9mm (.035")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr

Tip Adaptor

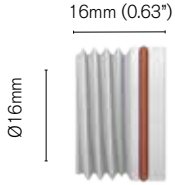
E



STOCK CODE	TIP THREAD
PFE3612*	M6

Head Insulator

F



STOCK CODE	TIP THREAD
PFE3606*	Head Insulator

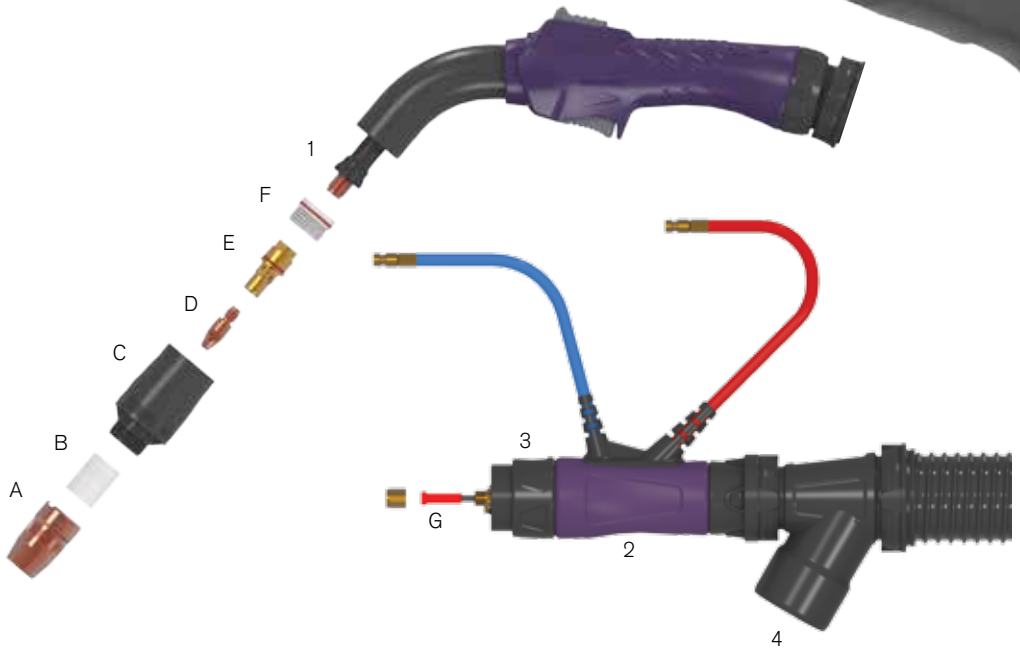
*** Denotes standard build**

ROLL MARKING

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

PRO-FUME 501W

WATER COOLED MIG TORCH
520A CO2 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040”-1/16”) Wires





STOCK CODE	DESCRIPTION
PFE5000-30ER	Torch c/w Euro Fitting x 3m
PFE5000-40ER	Torch c/w Euro Fitting x 4m
PFE5000-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 PFE5002	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert
4 PFE0018	Vacuum Hose Connector Housing

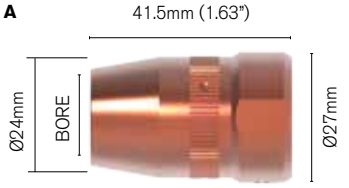
G

Liners
See page 114 for full range

STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0mm-1.2mm (.040-.045”) x 3m
B5033-40	Plain 1.0mm-1.2mm (.040-.045”) x 4m
B5033-50	Plain 1.0mm-1.2mm (.040-.045”) x 5m
B5034-30*	Plain 1.2mm-1.6mm (.045-1/16”) x 3m
B5034-40*	Plain 1.2mm-1.6mm (.045-1/16”) x 4m
B5034-50*	Plain 1.2mm-1.6mm (.045-1/16”) x 5m
B2513-30	Teflon 1.0mm-1.2mm (.040-.045”) x 3m
B2513-40	Teflon 1.0mm-1.2mm (.040-.045”) x 4m
B2513-50	Teflon 1.0mm-1.2mm (.040-.045”) x 5m
B3626-30	Teflon 1.2mm-1.6mm (.045-1/16”) x 3m
B3626-40	Teflon 1.2mm-1.6mm (.045-1/16”) x 4m
B3626-50	Teflon 1.2mm-1.6mm (.045-1/16”) x 5m

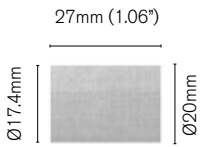
Nozzles

A



STOCK CODE	STYLE	BORE
PFE5027	Cylindrical	19mm (3/4")
PFE5028*	Conical	16mm (5/8")
PFE5029	Tapered	14mm (9/16")

B



PFE3605	Spatter Insulator

Suction Nozzle

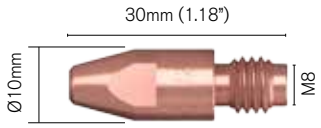
C



STOCK CODE	COLOUR
PFE3693*	Suction Nozzle

Contact Tips

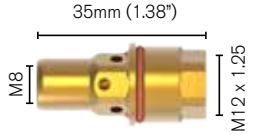
D



STOCK CODE	WIRE SIZE	MATERIAL
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm /1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptor

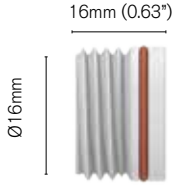
E



STOCK CODE	TIP THREAD
PFE5001*	M8

Head Insulator

F



STOCK CODE	TIP THREAD
PFE3606*	Head Insulator

*** Denotes standard build**

ROLL MARKING

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

BZL - PRO-GRIP MAX™ TORCH RANGE



		PRO-GRIP MAX™ 150A	PRO-GRIP MAX™ 150A FLEX	PRO-GRIP MAX™ 240A	PRO-GRIP MAX™ 250A
STOCK CODE	3M	PRO1500-30ER	PRO1500FX-30ER	PRO2400-30ER	PRO2500-30ER
	4M	PRO1500-40ER	PRO1500FX-40ER	PRO2400-40ER	PRO2500-40ER
	5M	PRO1500-50ER	PRO1500FX-50ER	PRO2400-50ER	PRO2500-50ER
COOLING		Air	Air	Air	Air
RATING		180A CO_2 150A Mixed Gas @ 60%	180A CO_2 150A Mixed Gas @ 60%	250A CO_2 220A Mixed Gas @ 60%	230A CO_2 200A Mixed Gas @ 60%
WIRE SIZE		0.6mm-1.0mm (.023"-.040")	0.6mm-1.0mm (.023"-.040")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")

BZL - PRO-GRIP MAX™ TORCH RANGE



		PRO-GRIP MAX™ 250A FLEX	PRO-GRIP MAX™ 260A	PRO-GRIP MAX™ 240W	PRO-GRIP MAX™ 360A
STOCK CODE	3M	PRO2500FX-30ER	PRO2600-30ER	PRO2400W-30ER	PRO3600-30ER
	4M	PRO2500FX-40ER	PRO2600-40ER	PRO2400W-40ER	PRO3600-40ER
	5M	PRO2500FX-50ER	PRO2600-50ER	PRO2400W-50ER	PRO3600-50ER
COOLING		Air	Air	Water	Air
RATING		230A CO_2 200A Mixed Gas @ 60%	250A CO_2 220A Mixed Gas @ 60%	300A CO_2 270A Mixed Gas @ 100%	300A CO_2 270A Mixed Gas @ 60%
WIRE SIZE		0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")

BZL - PRO-GRIP MAX™ TORCH RANGE



		PRO-GRIP MAX™ 350W	PRO™ 380A	PRO™ 400A	PRO-GRIP MAX™ 401W	PRO-GRIP MAX™ 400W
STOCK CODE	3M	PRO3500W-30ER	B3800-30ER	B4000-30ER	PRO4001-30ER	PRO4400-30ER
	4M	PRO3500W-40ER	B3800-40ER	B4000-40ER	PRO4001-40ER	PRO4400-40ER
	5M	PRO3500W-50ER	B3800-50ER	B4000-50ER	PRO4001-50ER	PRO4400-50ER
COOLING		Water	Air	Air	Water	Water **Double Cooled**
RATING		320A CO_2 280A Mixed Gas @ 100%	350A CO_2 320A Mixed Gas @ 60%	350A CO_2 320A Mixed Gas @ 60%	400A CO_2 350A Mixed Gas @ 100%	400A CO_2 350A Mixed Gas @ 100%
WIRE SIZE		0.8mm-1.2mm (.030"-.045")	1.2mm-1.6mm (.045"-1/16")	1.0mm-2.4mm (.040"-3/32")	0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-.045")

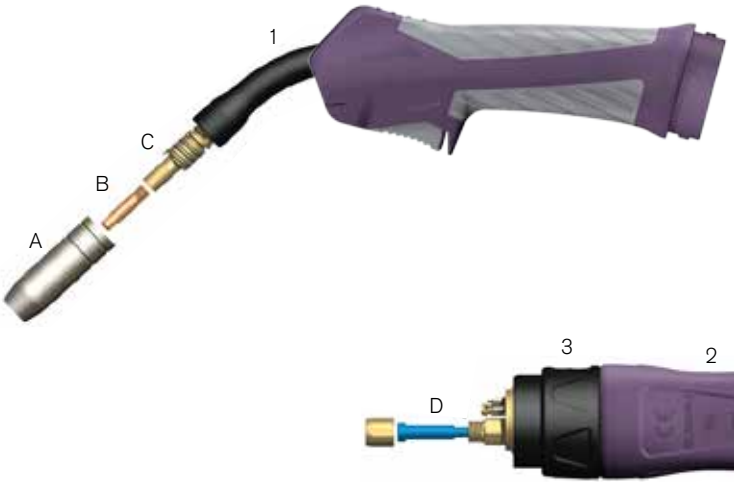
BZL - PRO-GRIP MAX™ TORCH RANGE



		PRO-GRIP MAX™ 501W	PRO-GRIP MAX™ 501X	PRO-GRIP MAX™ 501W EXT	PRO™ 550W	SB 501W AUTO™
STOCK CODE	3M	PRO5000-30ER	PRO5400-30ER	PRO500L-30ER	B5500-30ER	B5000-20A (2M)
	4M	PRO5000-40ER	PRO5400-40ER	PRO500L-40ER	B5500-40ER	B5000-30A (3M)
	5M	PRO5000-50ER	PRO5400-50ER	PRO500L-50ER	B5500-50ER	B5000-40A (4M)
COOLING		Water	Water	Water	Water **Double Cooled**	Water
RATING		520A CO_2 430A Mixed Gas @ 100%	520A CO_2 430A Mixed Gas @ 100%	520A CO_2 430A Mixed Gas @ 100%	550A CO_2 500A Mixed Gas @ 100%	520A CO_2 430A Mixed Gas @ 100%
WIRE SIZE		1.0mm-1.6mm (.040"-1/16")	1.0mm-1.6mm (.040"-1/16")	1.0mm-1.6mm (.040"-1/16")	0.8mm-1.6mm (.030"-1/16")	1.0mm-1.6mm (.040"-1/16")

PRO-GRIP MAX™ 150A

AIR COOLED MIG TORCH
180A CO_2 150A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.6mm-0.9mm (.023"-.040") Wires





STOCK CODE	DESCRIPTION
PRO1500-30ER	Torch c/w Euro Fitting x 3m
PRO1500-40ER	Torch c/w Euro Fitting x 4m
PRO1500-50ER	Torch c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	B1501	Swan Neck c/w Tip Adaptor, Spring, Sleeve
2	B1518	Gun Plug Housing c/w Nut
3	B1519PL	Gun Plug Nut-Plastic c/w Insert

D

Liners
See page 114 for full range

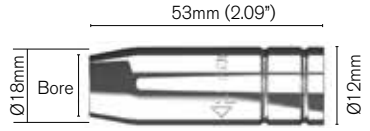
STOCK CODE	DESCRIPTION
B1535-30*	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40*	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50*	Steel 0.6-0.9mm (.023-.035") x 5m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

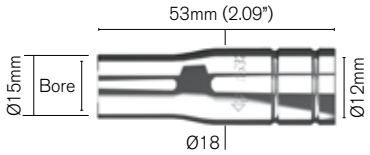
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

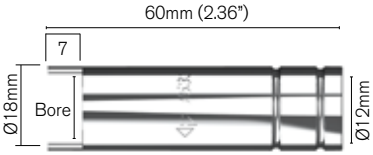
A



STOCK CODE	STYLE	BORE
B1529	Cylindrical	16mm (5/8")
B1530*	Conical	12mm (15/32")
B1531	Tapered	11mm (7/16")



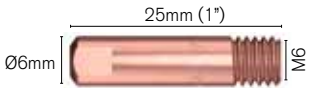
B1532	Bottle	13mm (1/2")



B1533	Spot	16mm (5/8")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B1527-06	0.6mm (.023")	ECu
B1527-08*	0.8mm (.030")	ECu
B1527-09	0.9mm (.035")	ECu

Tip Adaptor

C



STOCK CODE	TIP THREAD
B1507 L/H	M6

*** Denotes standard build**

ROLL MARKING

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



WELDING PROTECTIVE EQUIPMENT

Welding glasses and welding goggles provide the wearer with a degree of eye protection while cutting and welding on a job.

PRO-GRIP MAX™ 150A FLEX

AIR COOLED MIG TORCH
180A CO_2 150A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.6mm-0.9mm (.023"-.040") Wires



STOCK CODE	DESCRIPTION
PRO1500FX-30ER	Flex Torch c/w Euro Fitting x 3m
PRO1500FX-40ER	Flex Torch c/w Euro Fitting x 4m

	STOCK CODE	DESCRIPTION
1	B1501FX	Swan Neck
2	B1518	Gun Plug Housing c/w Nut
3	B1519PL	Gun Plug Nut-Plastic c/w Insert

C

Liners
See page 114 for full range

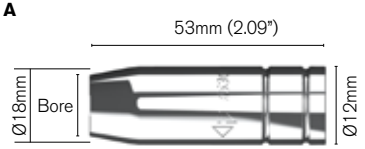
STOCK CODE	DESCRIPTION
B1535-30*	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40*	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50*	Steel 0.6-0.9mm (.023-.035") x 5m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

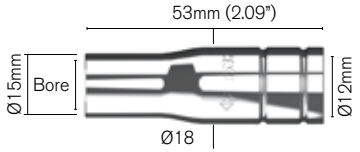
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

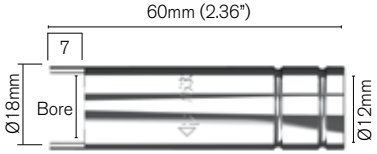
A



STOCK CODE	STYLE	BORE
B1529	Cylindrical	16mm (5/8")
B1530*	Conical	12mm (15/32")
B1531	Tapered	11mm (7/16")



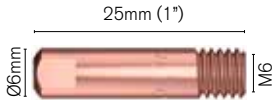
B1532	Bottle	13mm (1/2")



B1533	Spot	16mm (5/8")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B1527-06	0.6mm (.023")	ECu
B1527-08*	0.8mm (.030")	ECu
B1527-09	0.9mm (.035")	ECu

*** Denotes standard build**

ROLL MARKING

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

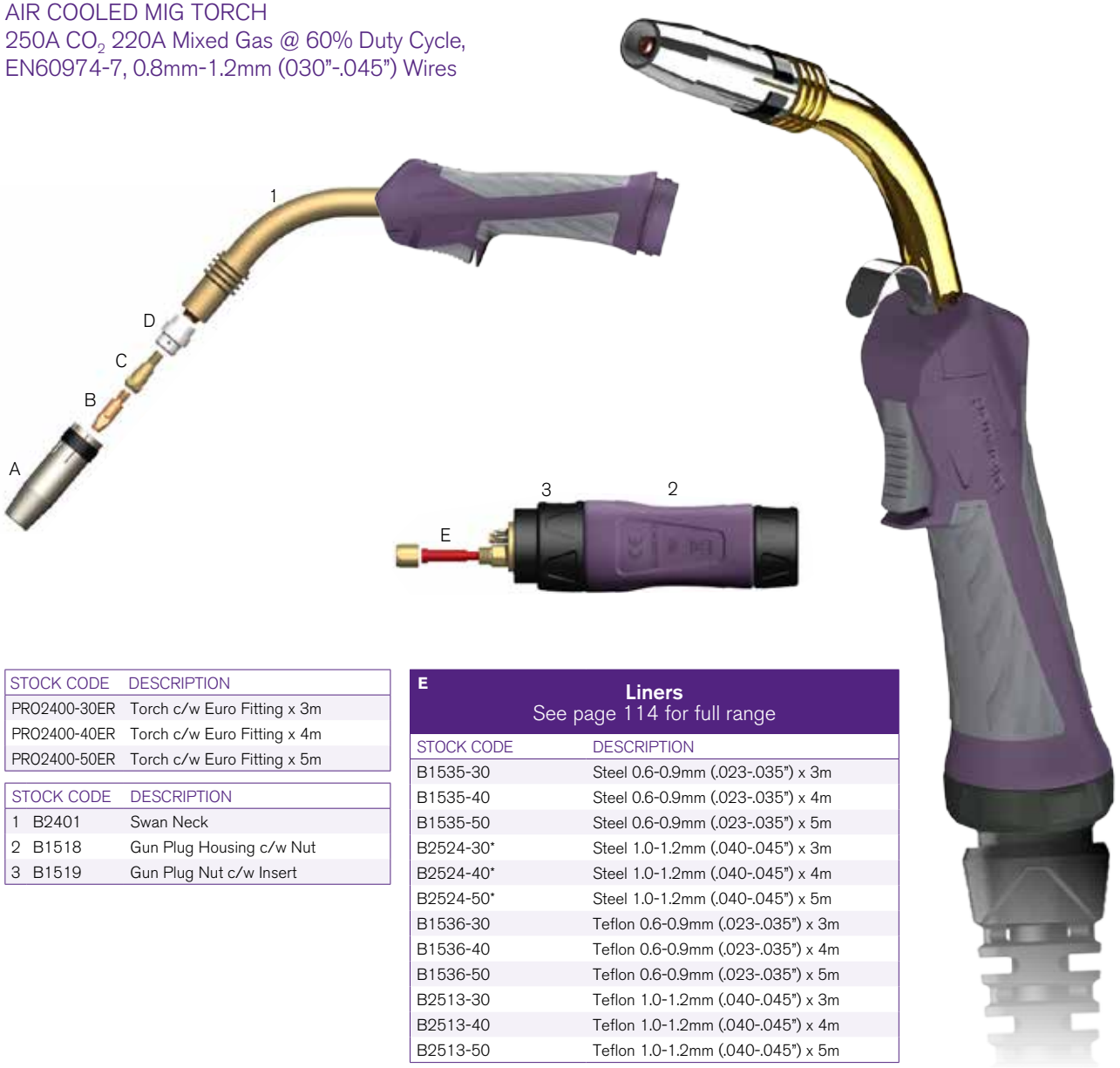


RESPIRATORY PROTECTION

FFP3 FACE MASK WITH VALVE, FOR SINGLE USE

PRO-GRIP MAX™ 240A

AIR COOLED MIG TORCH
250A CO_2 220A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (030"-.045") Wires



STOCK CODE	DESCRIPTION
PRO2400-30ER	Torch c/w Euro Fitting x 3m
PRO2400-40ER	Torch c/w Euro Fitting x 4m
PRO2400-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B2401	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

E

Liners
See page 114 for full range

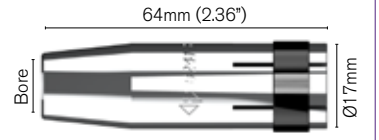
STOCK CODE	DESCRIPTION
B1535-30	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50	Steel 0.6-0.9mm (.023-.035") x 5m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B2415	Cylindrical	17mm (11/16")
B2416*	Conical	13mm (1/2")
B2417	Tapered	10mm (3/8")

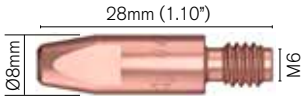
*** Denotes standard build**

ROLL MARKING

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

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-09	0.9mm (.035")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr

Tip Adaptor

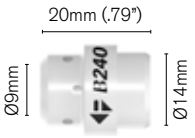
C



STOCK CODE	TIP THREAD
B2412	M6

Diffusers

D



STOCK CODE	COLOUR
B2405B	Black
B2405C*	Ceramic
B2405W	White

GRIP GLOVES
COLOUR CODED PROTECTION

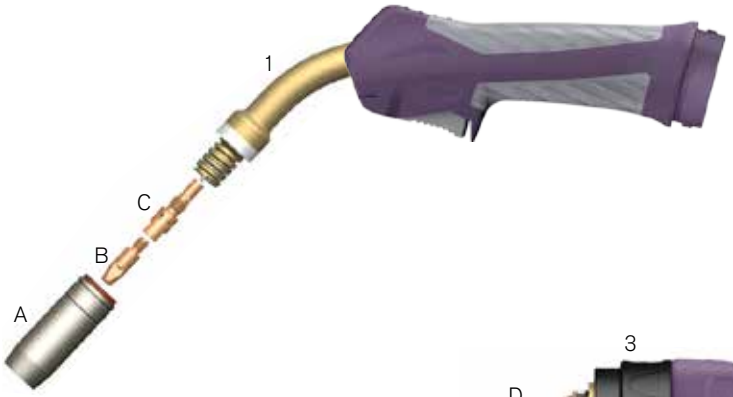
Our gloves are ideal for heavy-duty work like welding and woodworking as well as lighter tasks such as gardening and DIY jobs.





PRO-GRIP MAX™ 250A

AIR COOLED MIG TORCH
230A CO_2 200A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires







STOCK CODE	DESCRIPTION
PRO2500-30ER	Torch c/w Euro Fitting x 3m
PRO2500-40ER	Torch c/w Euro Fitting x 4m
PRO2500-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B2501	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

D

Liners
See page 114 for full range

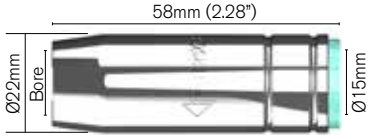
STOCK CODE	DESCRIPTION
B1535-30	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50	Steel 0.6-0.9mm (.023-.035") x 5m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon .1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

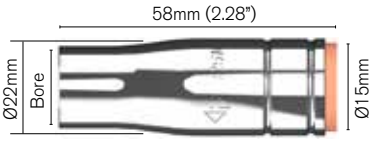
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

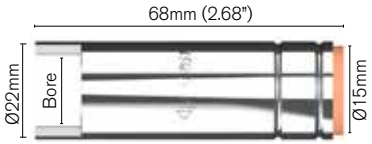
A



STOCK CODE	STYLE	BORE
B2507	Cylindrical	18mm (5/7")
B2508*	Conical	15mm (19/32")
B2509	Tapered	12mm (15/32")



B2510	Bottle	15mm (19/32")



B2511	Spot	18mm (5/7")

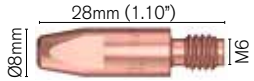
*** Denotes standard build**

ROLL MARKING

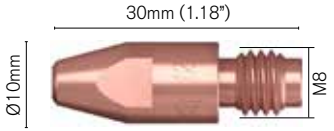
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Contact Tips

B



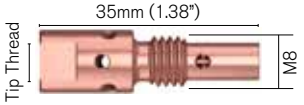
STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-09	0.9mm (.035")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptors

C



STOCK CODE	TIP THREAD
B2506*	M6
B2536	M8

PRO-GRIP MAX™ 250A FLEX

AIR COOLED MIG TORCH
230A CO_2 200A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
PRO2500FX-30ER	Flex Torch c/w Euro Fitting x 3m
PRO2500FX-40ER	Flex Torch c/w Euro Fitting x 4m

STOCK CODE	DESCRIPTION
1 B2501FX	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

D

Liners
See page 114 for full range

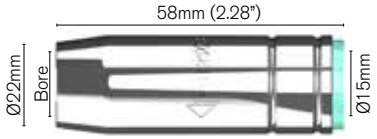
STOCK CODE	DESCRIPTION
B1535-30	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40	Steel 0.6-0.9mm (.023-.035") x 4m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

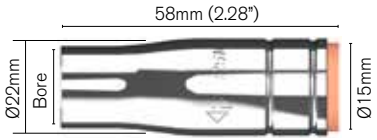
ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

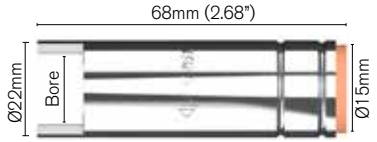
A



STOCK CODE	STYLE	BORE
B2507	Cylindrical	18mm (5/7")
B2508*	Conical	15mm (19/32")
B2509	Tapered	12mm (15/32")



B2510	Bottle	15mm (19/32")



B2511	Spot	18mm (5/7")

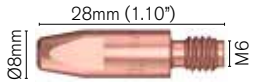
*** Denotes standard build**

ROLL MARKING

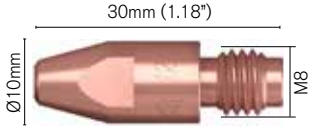
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Contact Tips

B



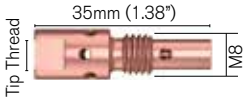
STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptors

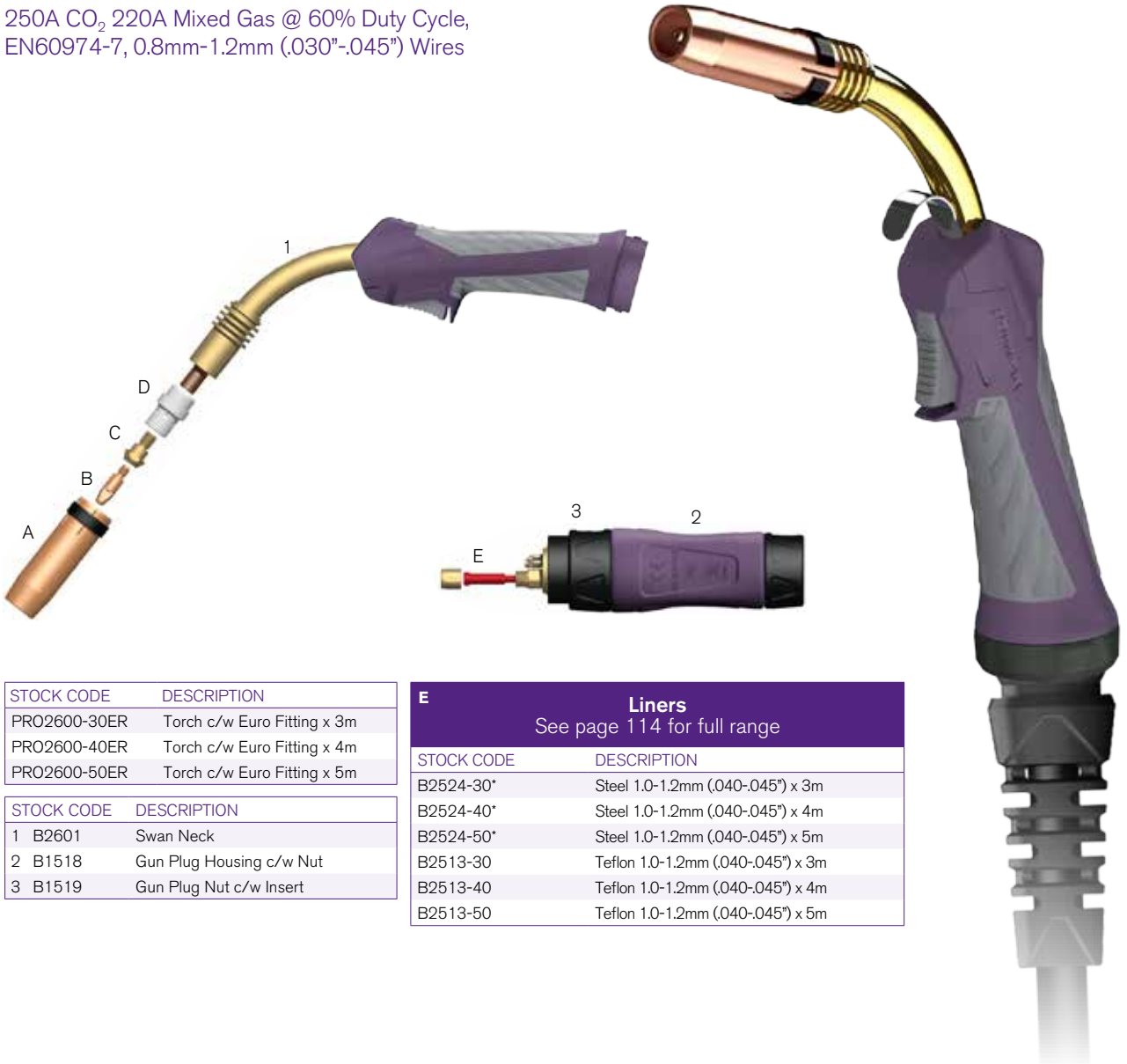
C



STOCK CODE	TIP THREAD
B2506*	M6
B2536	M8

PRO-GRIP MAX™ 260A

AIR COOLED MIG TORCH
250A CO_2 220A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
PRO2600-30ER	Torch c/w Euro Fitting x 3m
PRO2600-40ER	Torch c/w Euro Fitting x 4m
PRO2600-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B2601	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

E

Liners
See page 114 for full range

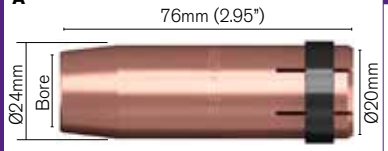
STOCK CODE	DESCRIPTION
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

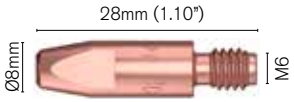
*** Denotes standard build**

ROLL MARKING

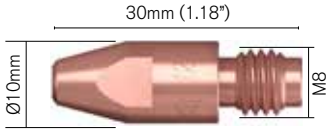
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptor

C



STOCK CODE	TIP THREAD
B2612*	M6
B2612M8	M8

Diffusers

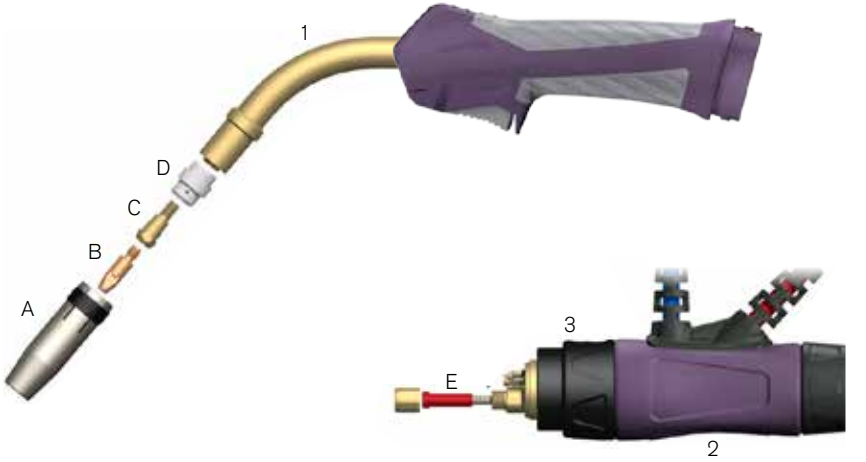
D



STOCK CODE	COLOUR
B2605B	Black
B2605C*	Ceramic
B2605W	White

PRO-GRIP MAX™ 240W

WATER COOLED MIG TORCH
300A CO_2 270A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
PRO2400W-30ER	Torch c/w Euro Fitting x 3m
PRO2400W-40ER	Torch c/w Euro Fitting x 4m
PRO2400W-50ER	Torch c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	B2409	Swan Neck
2	B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3	B1519	Gun Plug Nut c/w Insert

E

Liners
See page 114 for full range

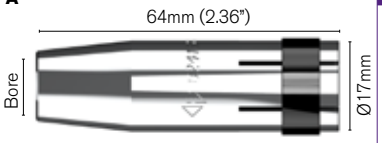
STOCK CODE	DESCRIPTION
B5033-30*	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40*	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50*	Plain 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B2415	Cylindrical	17mm (11/16")
B2416*	Conical	13mm (1/2")
B2417	Tapered	10mm (3/8")

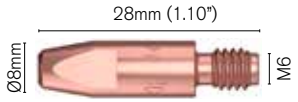
*** Denotes standard build**

ROLL MARKING

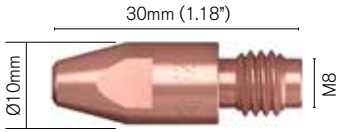
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptor

C



STOCK CODE	TIP THREAD
B2412*	M6

Diffusers

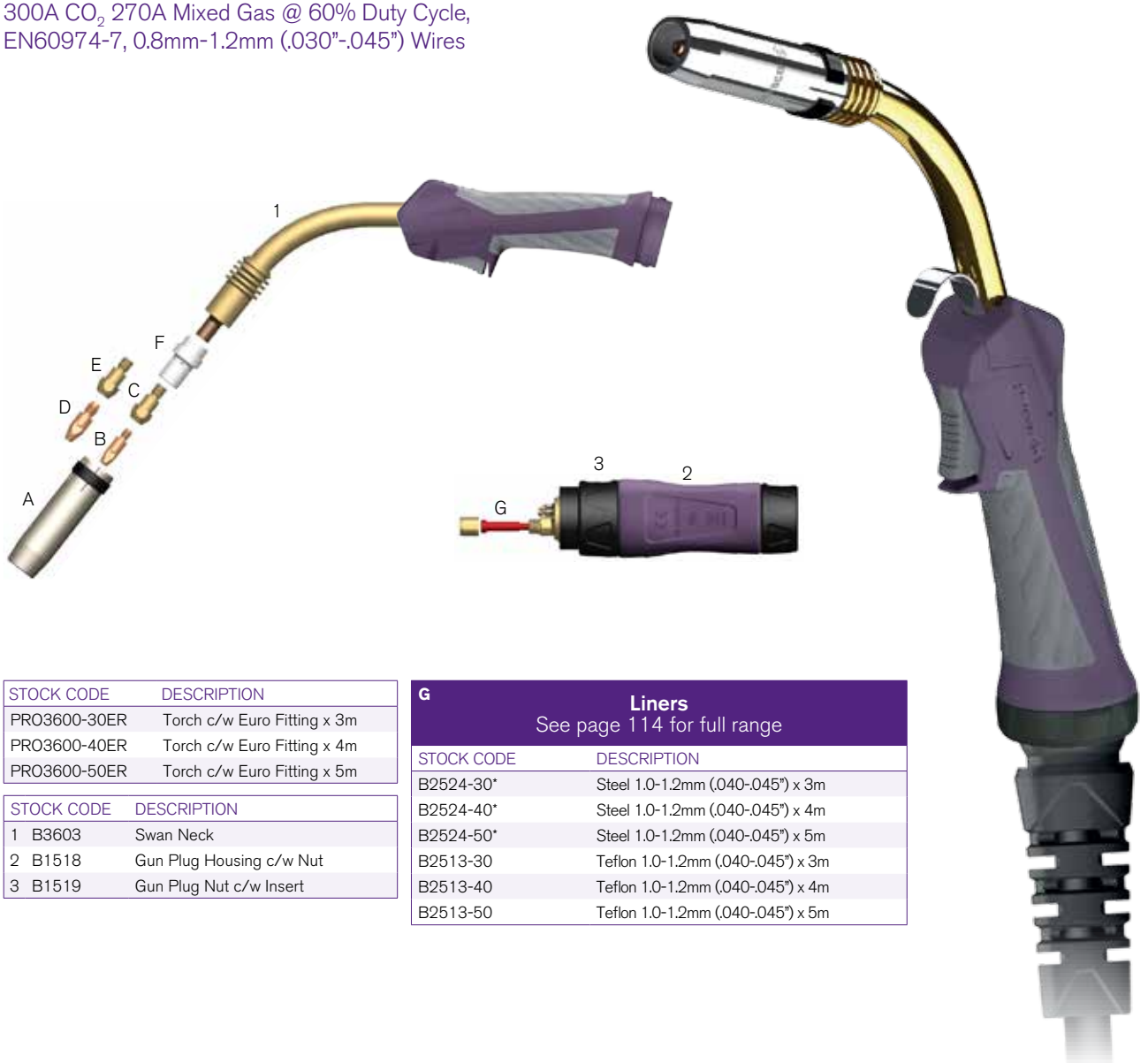
D



STOCK CODE	COLOUR
B2405B	Black
B2405C*	Ceramic
B2405W	White

PRO-GRIP MAX™ 360A

AIR COOLED MIG TORCH
300A CO_2 270A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires



STOCK CODE	DESCRIPTION
PRO3600-30ER	Torch c/w Euro Fitting x 3m
PRO3600-40ER	Torch c/w Euro Fitting x 4m
PRO3600-50ER	Torch c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	B3603	Swan Neck
2	B1518	Gun Plug Housing c/w Nut
3	B1519	Gun Plug Nut c/w Insert

G

Liners
See page 114 for full range

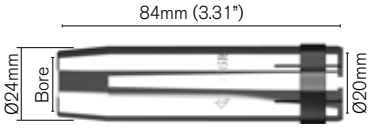
STOCK CODE	DESCRIPTION
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B3615	Cylindrical	19mm (3/4")
B3616*	Conical	16mm (5/8")
B3617	Tapered	12mm (15/32")

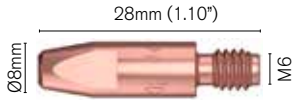
*** Denotes standard build**

ROLL MARKING

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

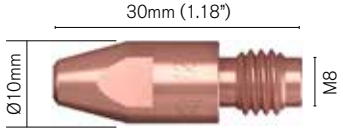
Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10	1.0mm (.040")	ECu
B2504-12*	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-09	0.9mm (.035")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr

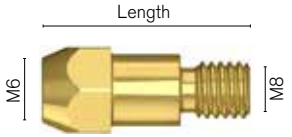
D



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

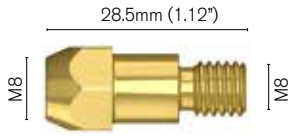
Tip Adaptors

C



STOCK CODE	LENGTH
B3612*	28.5mm
B3613	31.5mm

E



STOCK CODE	TIP THREAD
B3614	M8

Diffusers

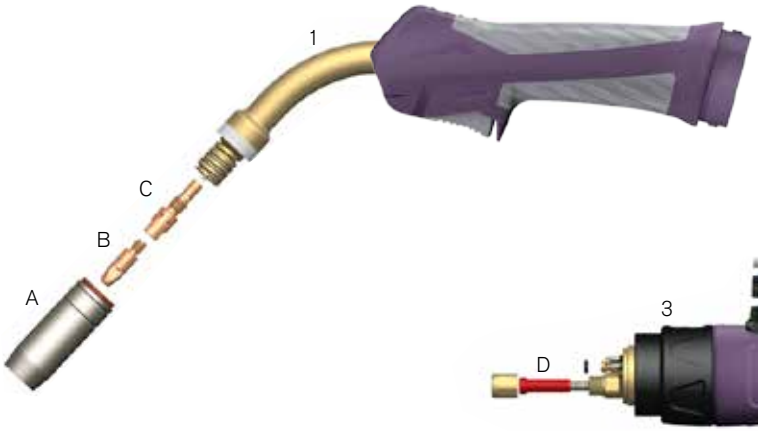
F



STOCK CODE	COLOUR
B3605B	Black
B3605C*	Ceramic
B3605W	White

PRO-GRIP MAX™ 350W

WATER COOLED MIG TORCH
320A CO_2 280A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
PRO3500W-30ER	Torch c/w Euro Fitting x 3m
PRO3500W-40ER	Torch c/w Euro Fitting x 4m
PRO3500W-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	B3501	Swan Neck
2	B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3	B1519	Gun Plug Nut c/w Insert

D

Liners
See page 114 for full range

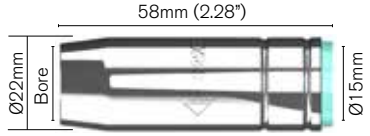
STOCK CODE	DESCRIPTION
B5033-30*	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40*	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50*	Plain 1.0-1.2mm (.040-.045") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B2507	Cylindrical	18mm (5/7")
B2508*	Conical	15mm (19/32")
B2509	Tapered	12mm (15/32")

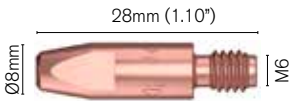
*** Denotes standard build**

ROLL MARKING

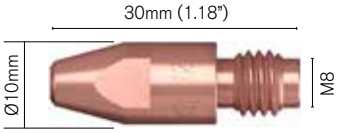
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Contact Tips

B



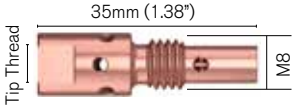
STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2505-08	0.8mm (.030")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptor

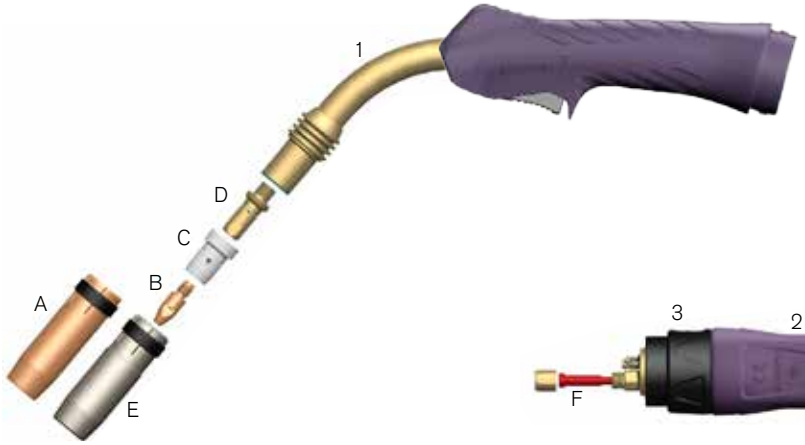
C



STOCK CODE	TIP THREAD
B2506*	M6
B2536	M8

PRO 380A™

AIR COOLED MIG TORCH
350A CO_2 320A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 1.2mm-1.6mm (.045"-1/16") Wires





STOCK CODE	DESCRIPTION
B3800-30ER	Torch c/w Euro Fitting x 3m
B3800-40ER	Torch c/w Euro Fitting x 4m
B3800-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B3801	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

F

Liners
See page 114 for full range

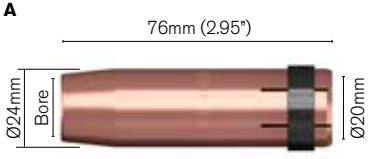
STOCK CODE	DESCRIPTION
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.040-.045") x 5m
B3631-30	Steel 1.6mm (1/16") x 3m
B3631-40	Steel 1.6mm (1/16") x 4m
B3631-50	Steel 1.6mm (1/16") x 5m Yellow
B2513-30	Teflon 1.0-1.2mm (.040-.045")x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m
B3626-30	Teflon 1.2-1.6mm (.045-1/16") x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16") x 4m
B3626-50	Teflon 1.2-1.6mm (.045-1/16") x 3m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

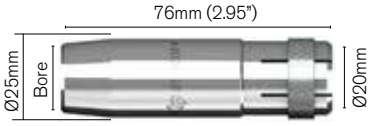
A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

HD Nozzle

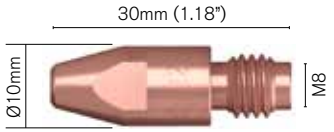
E



B5028HD*	HD Conical	16mm (5/8")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm (1/16")	ECu
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/16")	ECu, Al
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/16")	CuCrZr

*** Denotes standard build**

ROLL MARKING

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

Diffusers

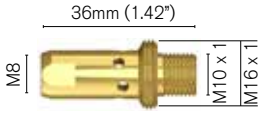
C



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

Tip Adaptors

D



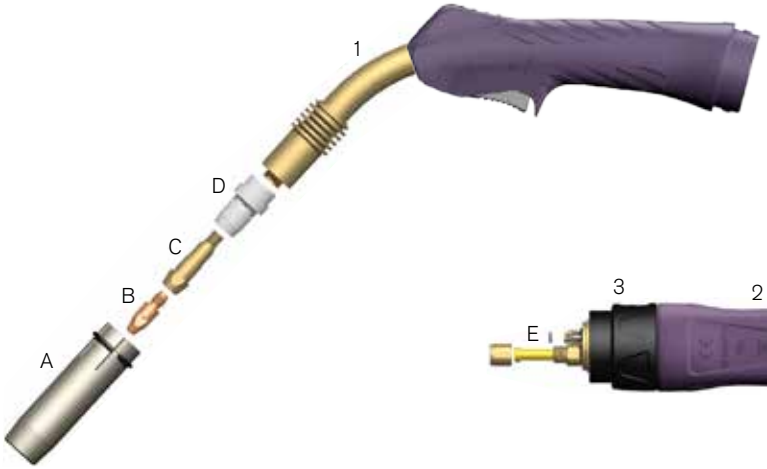
STOCK CODE	TIP THREAD
B3812	M8

XTM255i, XTM256i, and XTM356i



PRO 400A™

AIR COOLED MIG TORCH
350A CO_2 320A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 1.0mm-2.4mm (.040"-3/32") Wires





STOCK CODE	DESCRIPTION
B4000-30ER	Torch c/w Euro Fitting x 3m
B4000-40ER	Torch c/w Euro Fitting x 4m
B4000-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B4002	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

E

Liners
See page 114 for full range

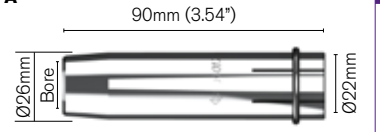
STOCK CODE	DESCRIPTION
B2524-30	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50	Steel 1.0-1.2mm (.040-.045") x 5m
B3631-30*	Steel 1.6mm (1/16") x 3m
B3631-40*	Steel 1.6mm (1/16") x 4m
B3631-50*	Steel 1.6mm (1/16") x 5m Yellow
B4631-30	Steel 2.0-2.4mm (.080-.090") x 3m
B4631-40	Steel 2.0-2.4mm (.080-.090") x 4m
B4631-50	Steel 2.0-2.4mm (.080-.090") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B4017*	Conical	18mm (5/7")

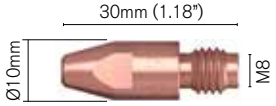
*** Denotes standard build**

ROLL MARKING

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

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm (1/16")	ECu
B4014-20	2.0mm (5/64")	ECu
B4014-24	2.4mm (.090")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/16")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/16")	CuCrZr
B4015-20	2.0mm (5/64")	CuCrZr
B4015-24	2.4mm (.090")	CuCrZr

Tip Adaptors

C



STOCK CODE	TIP THREAD
B4005*	M8

Diffusers

D



STOCK CODE	COLOUR
B4003B	Black
B4003C*	Ceramic

HAZARD PROTECTION

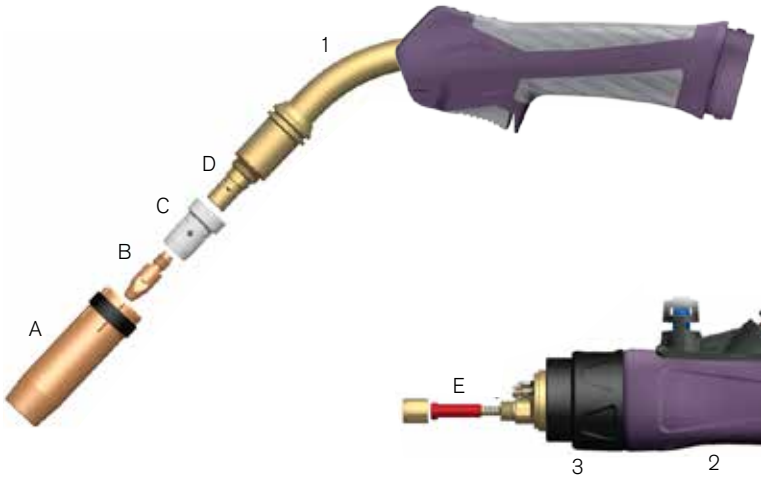




Parweld's range of welding blankets and curtains protect the user from accidents caused by welding sparks.

PRO-GRIP MAX™ 401W

WATER COOLED MIG TORCH
400A CO_2 350A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
PRO4001-30ER	Torch c/w Euro Fitting x 3m
PRO4001-40ER	Torch c/w Euro Fitting x 4m
PRO4001-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B4011	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert

E

Liners
See page 114 for full range

STOCK CODE	DESCRIPTION
B5033-30*	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40*	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50*	Plain 1.0-1.2mm (.040-.045") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

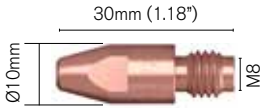
*** Denotes standard build**

ROLL MARKING

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

Contact Tips

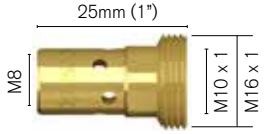
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	ECu
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptors

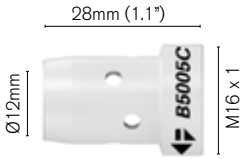
D



STOCK CODE	TIP THREAD
B5001*	M8

Diffusers

C



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

XTI 903W WIRELESS FOOT CONTROL





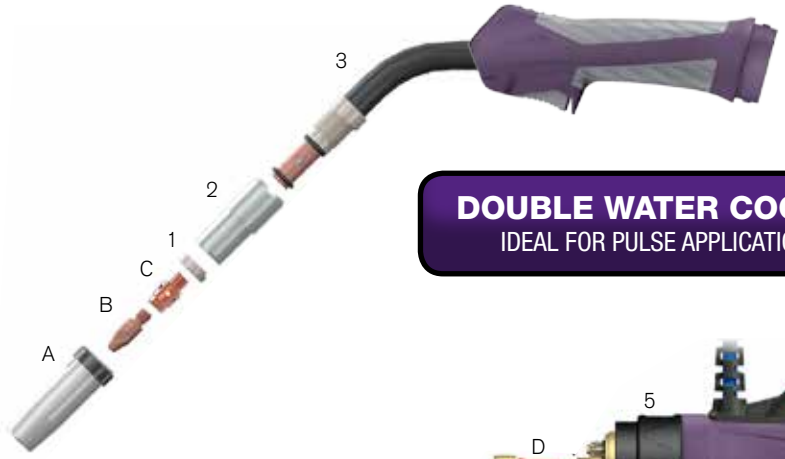
10 METRE OPERATING RANGE

WORKS WITH TIG, MIG AND MULTI-PROCESS MACHINES

LONG LASTING BATTERY LIFE

PRO-GRIP MAX™ 400W

DOUBLE COOLED WATER COOLED MIG TORCH
400A CO_2 350A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 0.8mm-1.6mm (.030"-.045") Wires



DOUBLE WATER COOLED
IDEAL FOR PULSE APPLICATIONS





STOCK CODE	DESCRIPTION
PRO4400-30ER	Torch Package c/w Euro Fitting x 3m
PRO4400-40ER	Torch Package c/w Euro Fitting x 4m
PRO4400-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	B4403	Isolating Ring
2	B4410	Nozzle Seat
3	B4402	Swan Neck
4	B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
5	B1519	Gun Plug Nut c/w Insert

D

Liners
See page 114 for full range

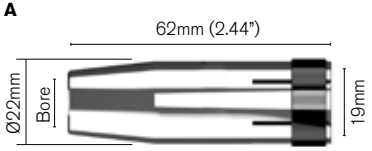
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50	Plain 1.0-1.2mm (.040-.045") x 5m
B5034-30*	Plain 1.2-1.6mm (.045-1/16") x 3m
B5034-40*	Plain 1.2-1.6mm (.045-1/16") x 4m
B5034-50	Plain 1.2-1.6mm (.045-1/16") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m
B3626-30	Teflon 1.2-1.6mm (.045-1/16") x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16") x 4m
B3626-50	Teflon 1.2-1.6mm (.045-1/16") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



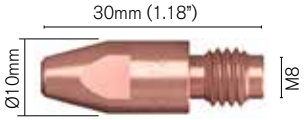
STOCK CODE	STYLE	BORE
B4408	Cylindrical	19mm (3/4")
B4407*	Conical	16mm (5/8")
B4409	Tapered	14mm (9/16")

UPDATED

Power cables increased from 12 to 16mm^2 copper cable reducing operating temperatures and increasing current carrying capacity.

Contact Tips

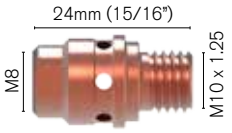
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.035")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptors

C



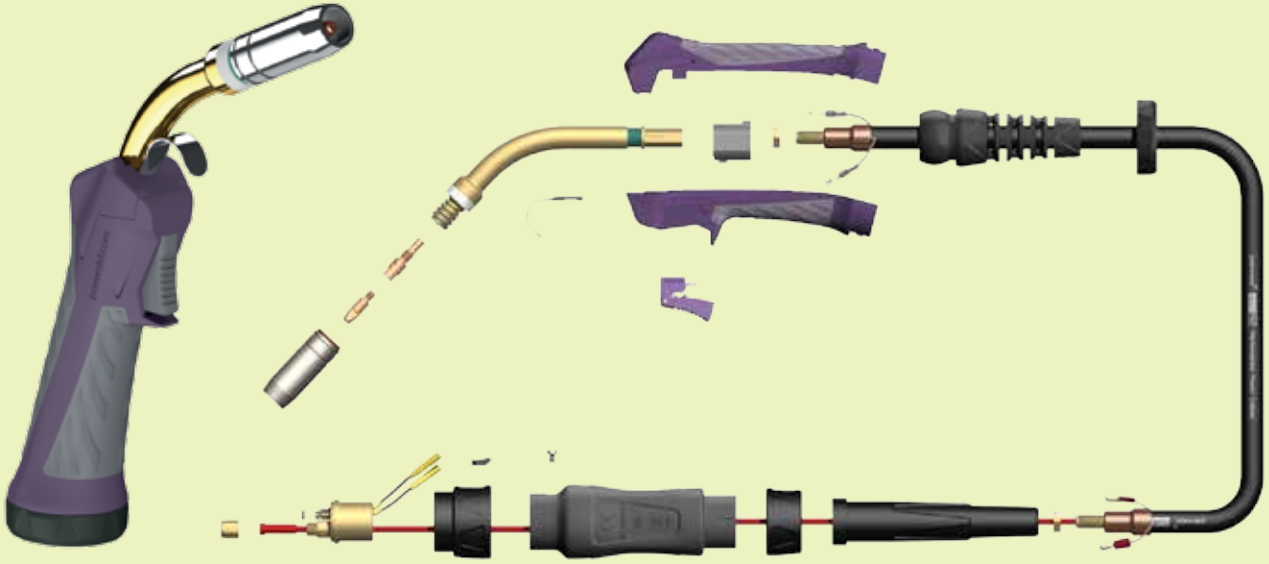
STOCK CODE	TIP THREAD
B4401	M8

*** Denotes standard build**

ROLL MARKING

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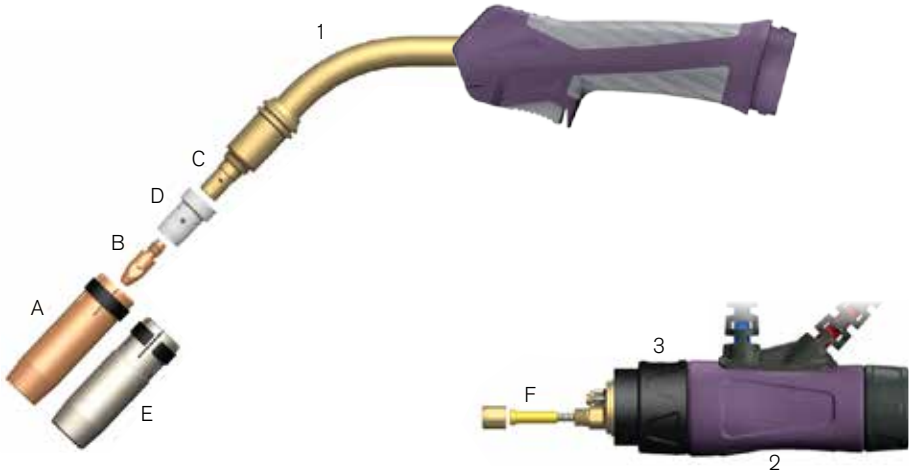
FOR A COMPLETE BREAKDOWN OF PARWELD TORCH PARTS,



PLEASE REFER TO THE TECHNICAL PAGE ON OUR WEBSITE.

PRO-GRIP MAX™ 501W

WATER COOLED MIG TORCH
520A CO_2 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040”-1/16”) Wires





STOCK CODE	DESCRIPTION
PRO5000-30ER	Torch c/w Euro Fitting x 3m
PRO5000-40ER	Torch c/w Euro Fitting x 4m
PRO5000-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B5002	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert

F

Liners
See page 114 for full range

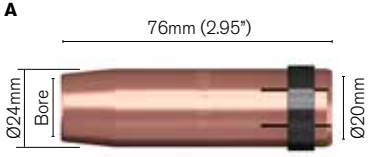
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0mm-1.2mm (.040-.045”) x 3m
B5033-40	Plain 1.0mm-1.2mm (.040-.045”) x 4m
B5033-50	Plain 1.0mm-1.2mm (.040-.045”) x 5m
B5034-30*	Plain 1.2mm-1.6mm (.045-1/16”) x 3m
B5034-40*	Plain 1.2mm-1.6mm (.045-1/16”) x 4m
B5034-50*	Plain 1.2mm-1.6mm (.045-1/16”) x 5m
B2513-30	Teflon 1.0mm-1.2mm (.040-.045”) x 3m
B2513-40	Teflon 1.0mm-1.2mm (.040-.045”) x 4m
B2513-50	Teflon 1.0mm-1.2mm (.040-.045”) x 5m
B3626-30	Teflon 1.2mm-1.6mm (.045-1/16”) x 3m
B3626-40	Teflon 1.2mm-1.6mm (.045-1/16”) x 4m
B3626-50	Teflon 1.2mm-1.6mm (.045-1/16”) x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

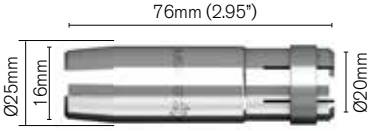
Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

E



B5028HD	HD Conical	16mm (5/8")

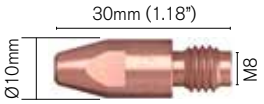
* **Denotes standard build**

ROLL MARKING

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

Contact Tips

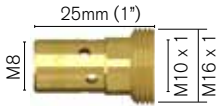
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm /1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptors

D



STOCK CODE	TIP THREAD
B5001*	M8

Diffusers

C

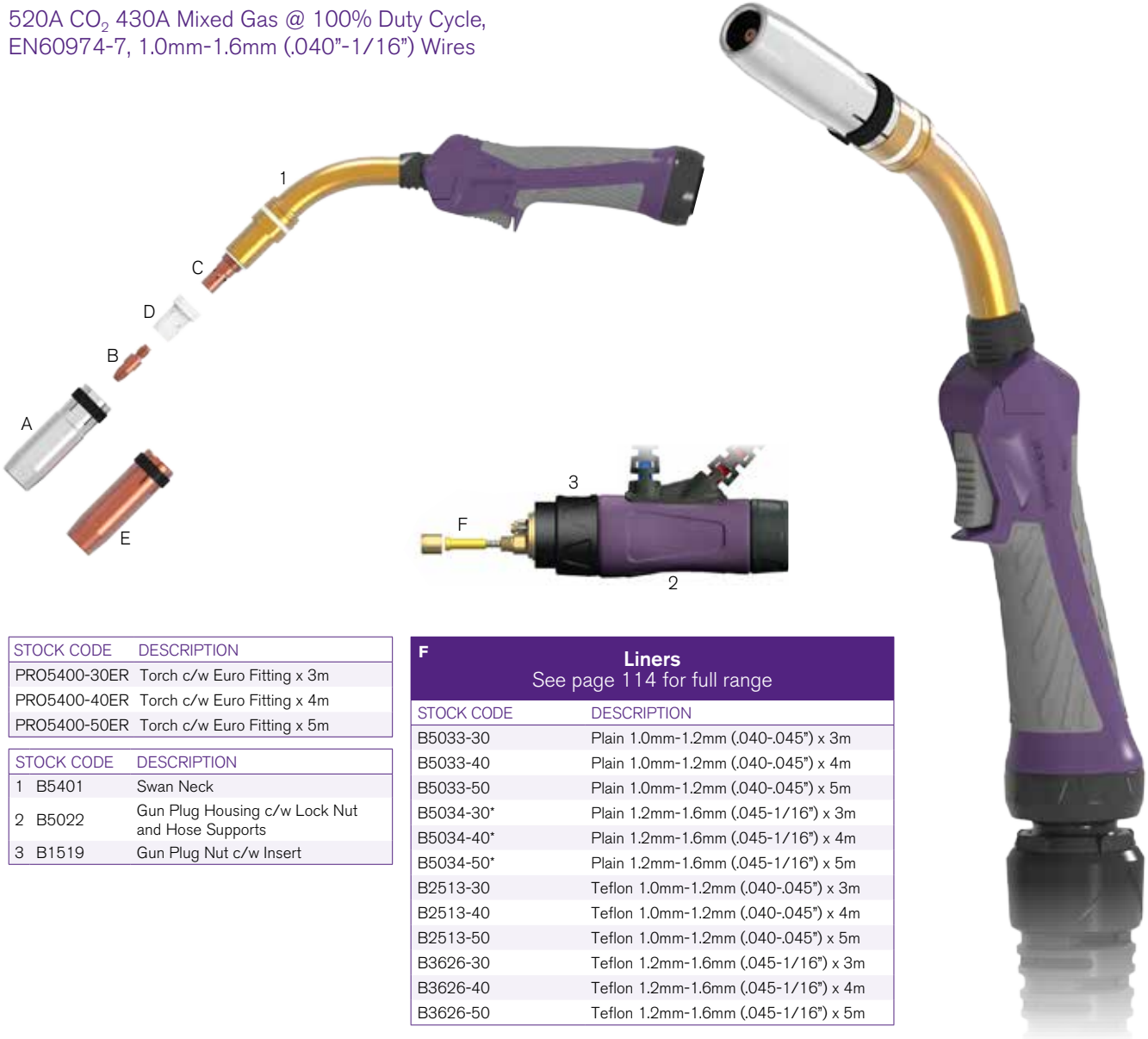


STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White



PRO-GRIP MAX™ 501XW

WATER COOLED MIG TORCH
520A CO_2 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040”-1/16”) Wires



STOCK CODE	DESCRIPTION
PRO5400-30ER	Torch c/w Euro Fitting x 3m
PRO5400-40ER	Torch c/w Euro Fitting x 4m
PRO5400-50ER	Torch c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B5401	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert

F **Liners**
See page 114 for full range

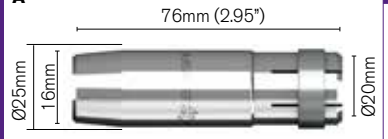
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0mm-1.2mm (.040-.045”) x 3m
B5033-40	Plain 1.0mm-1.2mm (.040-.045”) x 4m
B5033-50	Plain 1.0mm-1.2mm (.040-.045”) x 5m
B5034-30*	Plain 1.2mm-1.6mm (.045-1/16”) x 3m
B5034-40*	Plain 1.2mm-1.6mm (.045-1/16”) x 4m
B5034-50*	Plain 1.2mm-1.6mm (.045-1/16”) x 5m
B2513-30	Teflon 1.0mm-1.2mm (.040-.045”) x 3m
B2513-40	Teflon 1.0mm-1.2mm (.040-.045”) x 4m
B2513-50	Teflon 1.0mm-1.2mm (.040-.045”) x 5m
B3626-30	Teflon 1.2mm-1.6mm (.045-1/16”) x 3m
B3626-40	Teflon 1.2mm-1.6mm (.045-1/16”) x 4m
B3626-50	Teflon 1.2mm-1.6mm (.045-1/16”) x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B5028HD*	HD Conical	16mm (5/8")

E



B5027	Cylindrical	19mm (3/4")
B5028	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

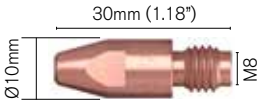
*** Denotes standard build**

ROLL MARKING

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

Contact Tips

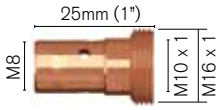
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm /1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptors

D



STOCK CODE	TIP THREAD
B5512*	M8

Diffusers

C

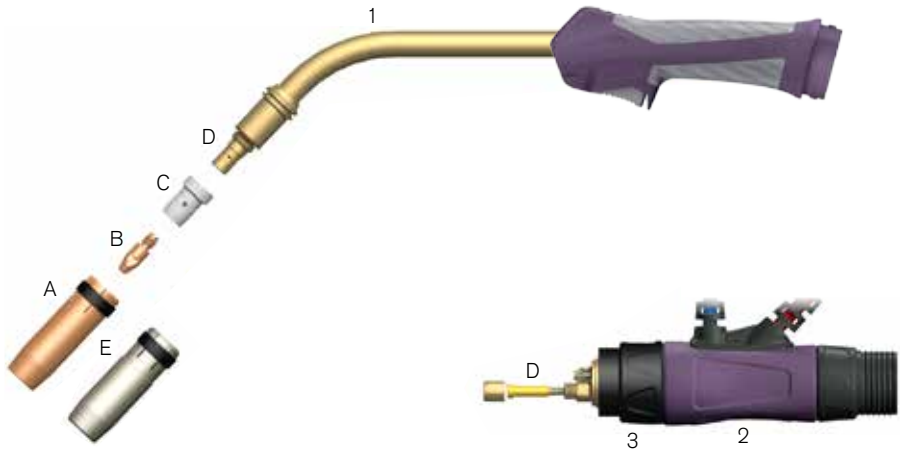


STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White



PRO-GRIP MAX™ 501W EXT

WATER COOLED MIG TORCH
520A CO_2 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040"-1/16") Wires





STOCK CODE	DESCRIPTION
PRO500L-30ER	Torch c/w Euro Fitting x 3m
PRO500L-40ER	Torch c/w Euro Fitting x 4m
PRO500L-50ER	Torch c/w Euro Fitting x 5m

	STOCK CODE	DESCRIPTION
1	B5002L	Swan Neck
2	B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3	B1519	Gun Plug Nut c/w Insert

D

Liners
See page 114 for full range

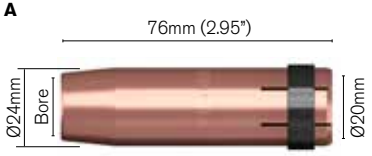
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50	Plain 1.0-1.2mm (.040-.045") x 5m
B5034-30*	Plain 1.2-1.6mm (.045-1/16") x 3m
B5034-40*	Plain 1.2-1.6mm (.045-1/16") x 4m
B5034-50	Plain 1.2-1.6mm (.045-1/16") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m
B3626-30	Teflon 1.2-1.6mm (.045-1/16") x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16") x 4m
B3626-50	Teflon 1.2-1.6mm (.045-1/16") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

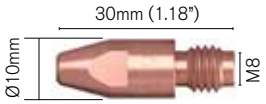
E



B5028HD	HD Conical	16mm (5/8")

Contact Tips

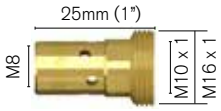
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm /1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptors

D



STOCK CODE	TIP THREAD
B5001*	M8

Diffusers

C



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

*** Denotes standard build**

ROLL MARKING

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



PRO™ 550W

DOUBLE COOLED WATER COOLED MIG TORCH
550A CO_2 500A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.030"-1/16") Wires





DOUBLE WATER COOLED
IDEAL FOR PULSE APPLICATIONS



STOCK CODE	DESCRIPTION
B5500-30ER	Torch Package c/w Euro Fitting x 3m
B5500-40ER	Torch Package c/w Euro Fitting x 4m
B5500-50ER	Torch Package c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 B5502	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert

F

Liners
See page 114 for full range

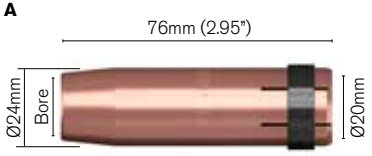
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40	Plain 1.0-1.2mm (.040-.045") x 4m
B5033-50	Plain 1.0-1.2mm (.040-.045") x 5m
B5034-30*	Plain 1.2-1.6mm (.045-1/16") x 3m
B5034-40*	Plain 1.2-1.6mm (.045-1/16") x 4m
B5034-50	Plain 1.2-1.6mm (.045-1/16") x 5m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B2513-50	Teflon 1.0-1.2mm (.040-.045") x 5m
B3626-30	Teflon 1.2-1.6mm (.045-1/16") x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16") x 4m
B3626-50	Teflon 1.2-1.6mm (.045-1/16") x 5m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

E



B5028HD	HD Conical	16mm (5/8")

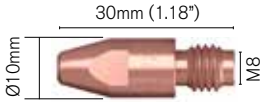
* **Denotes standard build**

ROLL MARKING

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

Contact Tips

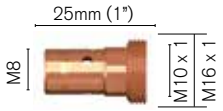
C



STOCK CODE	WIRE SIZE	MATERIAL
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm (1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptors

D



STOCK CODE	TIP THREAD
B5512*	M8 (copper)

Diffusers

B

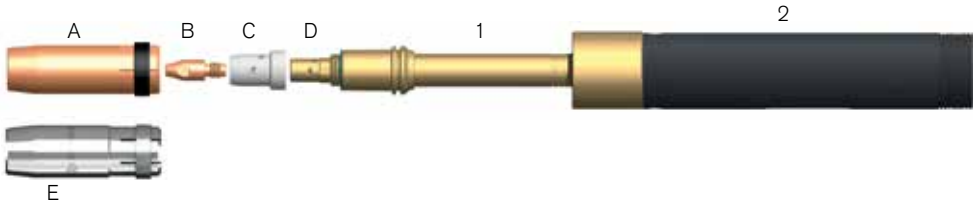


STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White



SB™ 501W AUTO

WATER COOLED AUTOMATIC MIG TORCH
520A CO_2 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7, 1.0mm-1.6mm (.040"-1/16") Wires







STOCK CODE	DESCRIPTION
B5000-30A	Torch Package c/w Euro Fitting x 3m
B5000-40A	Torch Package c/w Euro Fitting x 4m
B5000-50A	Torch Package c/w Euro Fitting x 5m

STOCK CODE		DESCRIPTION
1	B5002A	Auto Straigh Neck
2	B3630	Automatic Handle and Support
3	B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
4	B1519	Gun Plug Nut c/w Insert

F

Liners
See page 114 for full range

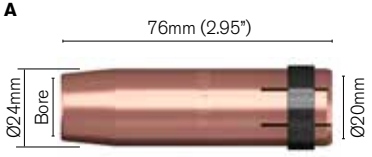
STOCK CODE	DESCRIPTION
B5033-30	Plain 1.0-1.2mm (.040-.045") x 3m
B5033-40	Plain 1.0-1.2mm (.040-.045") x 4m
B5034-30*	Plain 1.2-1.6mm (.045-1/16") x 3m
B5034-40*	Plain 1.2-1.6mm (.045-1/16") x 4m
B2513-30	Teflon 1.0-1.2mm (.040-.045") x 3m
B2513-40	Teflon 1.0-1.2mm (.040-.045") x 4m
B3626-30	Teflon 1.2-1.6mm (.045-1/16") x 3m
B3626-40	Teflon 1.2-1.6mm (.045-1/16") x 4m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

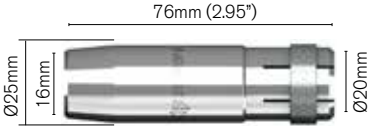
Nozzles

A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

E



B5028HD	HD Conical	16mm (5/8")

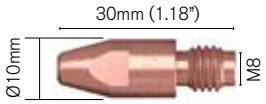
* **Denotes standard build**

ROLL MARKING

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

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm (1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/6")	ECu, Al
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr
B4015-14	1.4mm (.055")	CuCrZr
B4015-16	1.6mm (1/6")	CuCrZr

Tip Adaptors

D



STOCK CODE	TIP THREAD
B5001*	M8

Diffusers

C



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White



BZL PUSH PULL™

KEY FEATURES



		PP 360A	PP 400W
STOCK CODE	6M	SB36P3500-60E	SB40P3500-60E
	8M	SB36P3500-80E	SB40P3500-80E
	10M	SB36P3500-10E	SB40P3500-10E
COOLING		Air	Water
MIXED GAS (80/20)		270A	350A
CO_2		300A	400A
DUTY CYCLE		60%	100%
WIRE SIZE		0.8mm-1.2mm (.030-.045")	0.8mm-1.6mm (.030"-1/16")

BZL DESIGN

Same quality features as the Pro-Grip Max™ BZL Range.

Quick change neck with dedicated neck liners.

PERFORMANCE

Dramatically reduced welder fatigue due to light weight, weighing in at only **1.8KG** - almost 1kg less than competitors push pull torches.

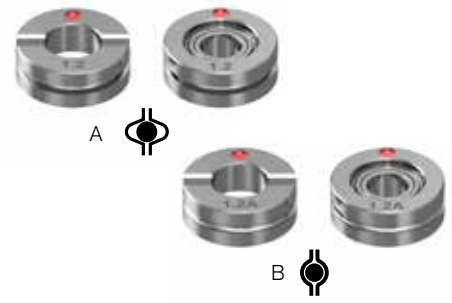
Ergonomic handle gives maximum comfort and grip, perfectly balanced for heavy use.

CONTROL

Torch can be ordered with interface units compatible to your power source and will suit almost any power source configuration.

Remote speed control on the torch is available as an option.

WIRE ROLL SETS

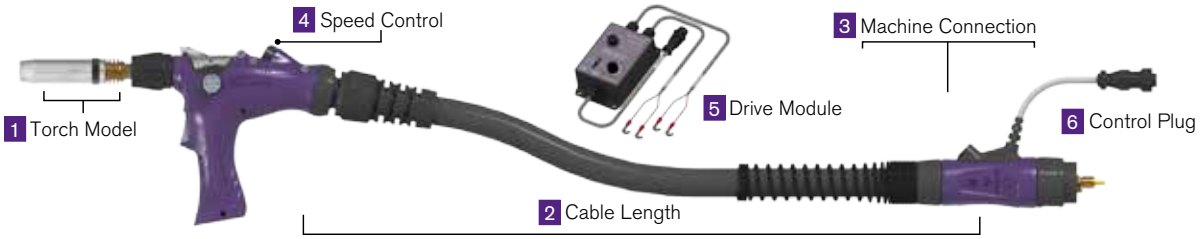


Hard Wire Roll Sets - Plain V Groove				
STOCK CODE	WIRE SIZE	COLOUR	WIRES	
A PP08RS	0.8mm (.030")	White	Fe, Ss	
PP09RS	0.9mm (.035")	Green	Fe, Ss	
PP10RS	1.0mm (.040")	Blue	Fe, Ss	
PP12RS	1.2mm (.045")	Red	Fe, Ss	
PP14RS	1.4mm (.055")	Black	Fe, Ss	
PP16RS	1.6mm (1/16")	Yellow	Fe, Ss	

Soft Wire Roll Sets - Plain U Groove				
STOCK CODE	WIRE SIZE	COLOUR	WIRES	
B PP08ARS	0.8mm (.030")	White	Al	
PP09ARS	0.9mm (.035")	Green	Al	
PP10ARS	1.0mm (.040")	Blue	Al	
PP12ARS	1.2mm (.045")	Red	Al	
PP14ARS	1.4mm (.055")	Black	Al	
PP16ARS	1.6mm (1/16")	Yellow	Al	

HOW TO ORDER - BZL PUSH PULL™

Package Stock Code Example: SB36P3500-80ERU53



1 SB36P3500

1. TORCH MODEL

STOCK CODE	DESCRIPTION
SB36P3500	3.5" x 180° Neck, Euro
SB36P4530	4.5" x 45° Neck, Euro
SB40P3500	3.5" x 180° Neck, Euro Remote
SB40P4545	4.5" x 45° Neck, Euro Remote

2 -80

2. CABLE LENGTH

STOCK CODE	LENGTH
60	6m (20ft)
80	8m (26ft)
10	10m (33ft)

3 E

3. MACHINE CONNECTION

STOCK CODE	TYPE
E	Euro
M	Miller®
N	NAS
H	Hobart®
L	Lincoln®
T	Tweco®

4 R

4. SPEED CONTROL

STOCK CODE	DESCRIPTION
	No remote speed control
R	Torch mounted speed control for universal drive configuration
R1	10K Torch mounted speed control for users machine configuration
R10	100K Torch mounted speed control for users machine configuration

5 U

5. DRIVE MODULE

STOCK CODE	DESCRIPTION
U	Universal 18 to 42V AC/DC Driver Module
2	24V DC Converter Drive Module
4	42V DC Converter Drive Module
	No Driver Module

6 53

6. CONTROL PLUG

STOCK CODE	DESCRIPTION
	Universal drive plug standard fitting
1, 2....etc	Add the number of the ERCP plug required that suits the power source control socket

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

BZL PUSH PULL - DRIVE MODULES

18 - 42V AC/DC UNIVERSAL DRIVER MODULE

For machines with no push-pull gun drive control option.

Mounted on or in the machine/feed unit. It is hard wired into the machines power and triggering circuits.

The module can be connected to an AC or DC supply voltage within a range of 18 to 42V and it will convert the voltage to suit the drive motor.



STOCK CODE	DESCRIPTION
PP0117	Motor Driver Control Module (18-42V AC/VDC Input)

24V DC OR 42V DC DRIVER MODULE

For use with machines that have a 24V DC or 42V DC rated push-pull gun motor speed control output option.

Mounted in-line between the torch control lead and the machine/push feed unit. Connected to the control socket*.

Converts the machines drive output from 24V DC or 42V DC, to the correct voltage for Parweld push-pull torch motor.



*A machine control socket compatible plug must be purchased in addition and can be fitted to customer wiring specifications.

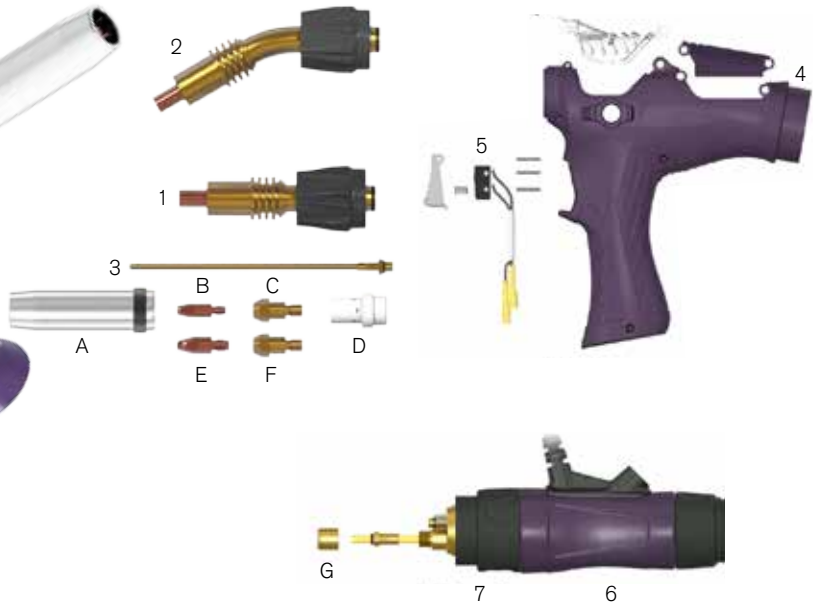
STOCK CODE	DESCRIPTION
PP0126-24	In Line Driver Module (24V DC)
PP0126-42	In Line Driver Module (42V DC)

Tweco®, Miller®, Hobart®, Lincoln® are trademarks are the property of their respective owners, and their usage is for reference only. These products are not endorsed by the original manufacturer.

PUSH PULL™ 360A

AIR COOLED MIG TORCH
300A CO_2 270A Mixed Gas @ 60% duty cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") wires





STOCK CODE	6M	8M	10M	DESCRIPTION
SB36P3500	-60E	-80E	-10E	3.5 x 180° Neck, Euro
SB36P3500	-60ER	-80ER	-10ER	3.5 x 180° Neck, Euro, Remote
SB36P4530	-60E	-80E	-10E	4.5 x 45° Neck Euro
SB36P4530	-60ER	-80ER	-10ER	4.5 x 45° Neck, Euro Remote

	STOCK CODE	DESCRIPTION
1	SB3603R30	SB 360A Straight Neck, 3.5" x 180°
2	SB3603R53	SB 360A Swan Neck, 4.5" x 30°
3	PX0812B	Neck Liner 0.8-1.2mm (.030-.045") Soft Wires
3	PP0109	Handle Kit c/w Screws, Ball Joint Lock Nut and Support
4	PP0112	Trigger Kit c/w Body Moulding, Microswitch, Spring and Dowels
5	PP0113	Gun Plug Housing c/w Lock Nut and Hose Support
6	PP2519	Gun Plug Nut c/w Insert

G **Liners**
See page 114 for full range

STOCK CODE	DESCRIPTION
B1536-60	Teflon 0.6-0.9mm (.025-.035") x 6m
B1536-80	Teflon 0.6-0.9mm (.025-.035") x 8m
B1536-10	Teflon 0.6-0.9mm (.025-.035") x 10m
B2513-60	Teflon 1.0-1.2mm (.040-.045") x 6m
B2513-80	Teflon 1.0-1.2mm (.040-.045") x 8m
B2513-10	Teflon 1.0-1.2mm (.040-.045") x 10m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

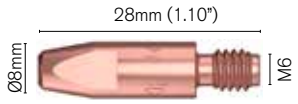
A



STOCK CODE	STYLE	BORE
B3615	Cylindrical	19mm (3/4")
B3616*	Conical	16mm (5/8")
B3617	Tapered	12mm (15/32")

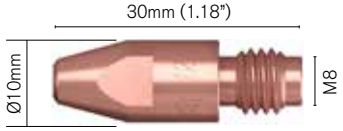
Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10	1.0mm (.040")	ECu
B2504-12*	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A	1.2mm (.045")	ECu, Al
B2505-08	0.8mm (.030")	CuCrZr
B2505-09	0.9mm (.035")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr

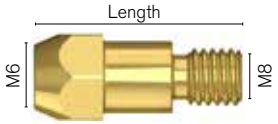
E



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-09	0.9mm (.035")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	CuCrZr
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

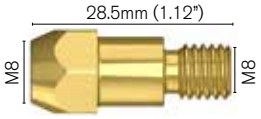
Tip Adaptors

C



STOCK CODE	LENGTH
B3612*	28.5mm
B3613	31.5mm

F



STOCK CODE	TIP THREAD
B3614	M8

Diffusers

D



STOCK CODE	COLOUR
B3605B	Black
B3605C*	Ceramic
B3605W	White

DRIVE MODULE OPTIONS
See pages 109 for more information.

WIRE ROLL SETS
See pages 108 for more information.

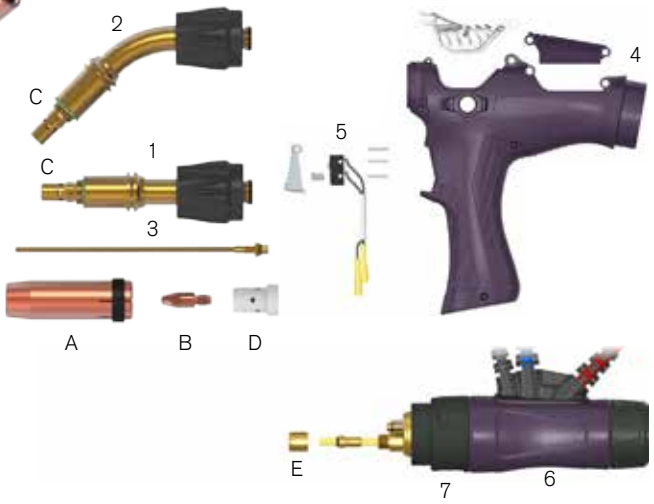
*** Denotes standard build**

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

PUSH PULL™ 400W

WATER COOLED MIG WELDING TORCH
400A CO_2 350A Mixed Gas @ 60% duty cycle,
EN60974-7, 0.8mm-1.6mm (.030"-1/16") wires





STOCK CODE	6M	8M	10M	DESCRIPTION
SB40P3500	-60E	-80E	-10E	3.5" x 180° Neck Euro
SB40P3500	-60ER	-80ER	-10ER	3.5" x 180° Neck, Euro Remote
SB40P4545	-60E	-80E	-10E	4.5" x 45° Neck, Euro
SB40P4545	-60ER	-80ER	-10ER	4.5" x 45° Neck, Euro Remote

STOCK CODE		DESCRIPTION
1	SB4011R30	SB400W Straight Neck, 3.5" x 180°
2	SB4011R55	SB 400W Swan Neck, 4.5" x 45°
3	PX0812B	Neck Liner, 0.8-1.2mm (.030-.045") Wires
4	PP0109	Handle Kit c/w Screws, Ball Joint Lock Nut and Support
5	PP0112	Trigger Kit c/w Body Moulding, Microswitch, Spring and Dowels
6	PP0213	Gun Plug Housing c/w Lock Nut and Hose Support
7	PP2519	Gun Plug Nut c/w Insert

E **Liners**
See page 114 for full range

STOCK CODE	DESCRIPTION
B2513-60	Teflon 1.0-1.2mm (.040-.045") x 6m
B2513-80	Teflon 1.0-1.2mm (.040-.045") x 8m
B2513-10	Teflon 1.0-1.2mm (.040-.045") x 10m
B3626-60	Plain 1.2-1.6mm (.045-1/16") x 6m
B3626-80	Plain 1.2-1.6mm (.045-1/16") x 8m
B3626-10	Plain 1.2-1.6mm (.045-1/16") x 10m

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

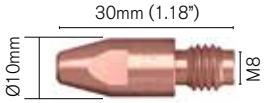
A



STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")

Contact Tips

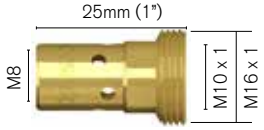
B



STOCK CODE	WIRE SIZE	MATERIAL
B4014-08	0.8mm (.030")	ECu
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4015-08	0.8mm (.030")	ECu
B4015-10	1.0mm (.040")	CuCrZr
B4015-12	1.2mm (.045")	CuCrZr

Tip Adaptors

C



STOCK CODE	TIP THREAD
B5001*	M8

Diffusers

D



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

*** Denotes standard build**

ROLL MARKING

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

SIROCCO CUTTING AND WELDING HOSES

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 3821.
- Hose burst pressure tested to 60 Bar.



DRIVE MODULE OPTIONS
See pages 109 for more information.

WIRE ROLL SETS
See pages 108 for more information.

PRO-GRIP MAX™ LINERS

		STOCK CODE	LENGTH	WIRE SIZE	SB150A	SB230A	SB240A	SB250A	SB260A	SB360A/ PFE360	SB380A	SB400A	SB240W	SB350W	SB401W	SB440W	SB501W	SB550W/ 501XW/PFE501	PUSH PULL 360A	PUSH PULL 400W
A	Steel	B1535-30	3m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	□	□	□	□	□	□		
		B1535-40	4m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	□	□	□	□	□	□		
		B1535-50	5m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	□	□	□	□	□	□		
C	Teflon	B1536-30++	3m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	■	■	□	□	□	□		
		B1536-40++	4m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	■	■	□	□	□	□		
		B1536-50++	5m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	□	□	■	■	□	□	□	□		
B	Steel	B2524-30	3m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	□	□		
		B2524-40	4m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	□	□		
		B2524-50	5m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	□	□		
C	Teflon	B2513-30++	3m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	■	■		
		B2513-40++	4m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	■	■		
		B2513-50++	5m	1.0-1.2mm (.040-.045")	□	■	■	■	■	■	■	■	□	□	□	□	■	■		
B	Steel	B3631-30	3m	1.6mm (1/16")	□	□	□	□	■	■	■	■	□	□	□	□	□	□		
		B3631-40	4m	1.6mm (1/16")	□	□	□	□	■	■	■	■	□	□	□	□	□	□		
		B3631-50	5m	1.6mm (1/16")	□	□	□	□	■	■	■	■	□	□	□	□	□	□		
C	Teflon	B3626-30++	3m	1.2-1.6mm (.045-1/16")	□	□	□	□	■	■	■	■	□	□	■	■	□	□		
		B3626-40++	4m	1.2-1.6mm (.045-1/16")	□	□	□	□	■	■	■	■	□	□	■	■	□	□		
		B3626-50++	5m	1.2-1.6mm (.045-1/16")	□	□	□	□	■	■	■	■	□	□	■	■	□	□		
B	Steel	B4631-30	3m	2.0-2.4mm (5/64-3/32")								■								
		B4631-40	4m	2.0-2.4mm (5/64-3/32")								■								
		B4631-50	5m	2.0-2.4mm (5/64-3/32")								■								
B	Plain	B5033-30	3m	1.0-1.2mm (.040-.045")									■	■	■	■	■	■		
		B5033-40	4m	1.0-1.2mm (.040-.045")									■	■	■	■	■	■		
		B5033-50	5m	1.0-1.2mm (.040-.045")									■	■	■	■	■	■		
B		B5034-30	3m	1.2-1.6mm (.045-1/16")									□	□	■	■	■	■		
		B5034-40	4m	1.2-1.6mm (.045-1/16")									□	□	■	■	■	■		
		B5034-50	5m	1.2-1.6mm (.045-1/16")									□	□	■	■	■	■		
A		B4033-30	3m	2.0-2.4mm (5/64-3/32")									□	□	□	□	■	■		
		B4033-40	4m	2.0-2.4mm (5/64-3/32")									□	□	□	□	■	■		
		B4033-50	5m	2.0-2.4mm (5/64-3/32")									□	□	□	□	■	■		
C	Polyamide	B1564-30++	3m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
		B1564-40++	4m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
		B1564-50++	5m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
C		B2564-30++	3m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
		B2564-40++	4m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
		B2564-50++	5m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
C		B3564-30++	3m	1.6-2.0mm (1/16-5/64")	□	□	□	□	□	■	■	■	□	□	■	■	■	■		
		B3564-40++	4m	1.6-2.0mm (1/16-5/64")	□	□	□	□	□	■	■	■	□	□	■	■	■	■		
		B3564-50++	5m	1.6-2.0mm (1/16-5/64")	□	□	□	□	□	■	■	■	□	□	■	■	■	■		
C	Carbon Teflon	B2554-30++	3m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
		B2554-40++	4m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
		B2554-50++	5m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	□	□	□	□		
C		B3554-30++	3m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
		B3554-40++	4m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
		B3554-50++	5m	1.2-1.6mm (.045-1/16")	□	□	■	■	■	■	■	■	□	■	■	■	■	■		
D	Teflon	PP1536-60	6m	0.6-0.9mm (.023-.035")															■	■
		PP1536-80	8m	0.6-0.9mm (.023-.035")															■	■
		PP1536-10	10m	0.6-0.9mm (.023-.035")															■	■
		PP2513-60	6m	1.0-1.2mm (.040-.045")															■	■
		PP2513-80	8m	1.0-1.2mm (.040-.045")															■	■
		PP2513-10	10m	1.0-1.2mm (.040-.045")															■	■
		PP3626-60	6m	1.2-1.6mm (.045-1/16")																■
		PP3626-80	8m	1.2-1.6mm (.045-1/16")																■
		PP3626-10	10m	1.2-1.6mm (.045-1/16")																■

■ Solid Box = Recommended Liner

□ Clear Box = Compatible Liner

++ For optional Neck Liners please use the following codes. B9000 for soft wires 0.8-1.0mm (.030"-.045"), B9001 for 1.0-1.6mm (.040"-1/16")

0.6-0.9mm Wire
■ Blue

1.0-1.2mm Wire
■ Red

1.2-1.6mm Wire
■ Yellow

2.0-2.4mm Wire
■ Green

A



B



C



D



TWC

The Parweld TWC torch gives a robust, hardwearing performance.

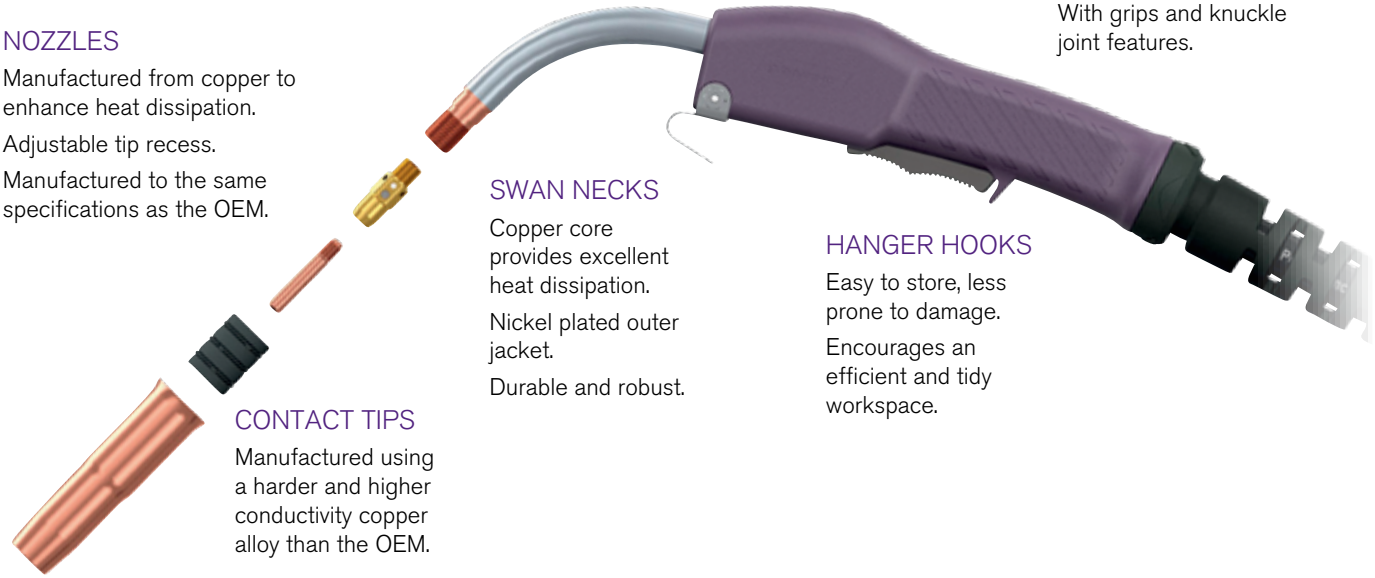
The classic TWC design is popular throughout the world with professional welders.

TWC KEY FEATURES 116
TWC TORCH RANGE 117
PA NO 1 118
PA NO 2 120
PA NO 3 122
PA NO 4 124
PA NO 5 126

TWC MIG TORCH RANGE TAKES FULL ADVANTAGE OF THE MOST RECENT TECHNOLOGICAL ADVANCES IN MATERIALS AND PROCESSES

KEY FEATURES

Choose the classic TWC design and handle system.



NOZZLES

Manufactured from copper to enhance heat dissipation.

Adjustable tip recess.

Manufactured to the same specifications as the OEM.

CONTACT TIPS

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

SWAN NECKS

Copper core provides excellent heat dissipation.

Nickel plated outer jacket.

Durable and robust.

HANGER HOOKS

Easy to store, less prone to damage.

Encourages an efficient and tidy workspace.

CLASSIC HANDLE

With grips and knuckle joint features.

TWC FRONT END PUSH PULL TORCH OPTION AVAILABLE

Speak to sales for ordering information.

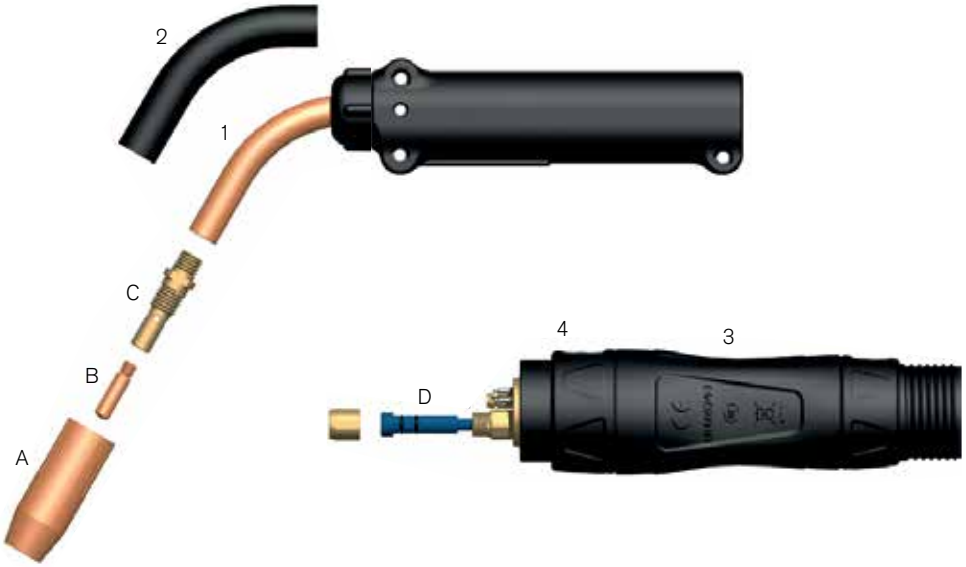
TWC TORCH RANGE



		PA NO 1	PA NO 2	PA NO 3	PA NO 4	PA NO 5
STOCK CODE	10FT	1-10E	2-10E	3-10E	4-10E	5-10E
	12FT	1-12E	2-12E	3-12E	4-12E	5-12E
	15FT	1-15E	2-15E	3-15E	4-15E	5-15E
COOLING		Air	Air	Air	Air	Air
RATING		180A CO_2 125A Mixed Gas @ 60%	200A CO_2 150A Mixed Gas @ 60%	300A CO_2 250A Mixed Gas @ 60%	400A CO_2 350A Mixed Gas @ 60%	500A CO_2 400A Mixed Gas @ 60%
WIRE SIZE		0.6mm-1.2mm (.023"-.045")	0.6mm-1.2mm (.023"-.045")	0.8mm-1.6mm (.030"-1/16")	0.8mm-2.0mm (.030"-5/64")	1.0mm-2.4mm (.040"-3/32")

PA NO 1

AIR COOLED MIG TORCH
180A CO_2 125A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.6mm-1.2mm (.023"-.045") Wires





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

STOCK CODE	DESCRIPTION
1 61-45	45° Conductor Tube
61-60*	60° Conductor Tube
2 71	Insulation Sleeve
3 X6RC	Gun Plug Housing c/w Nut
4 174X-2	Gun Plug Nut c/w Insert

D

Liners
See page 128 for full range

STOCK CODE	DESCRIPTION
42-3035-15*	Steel 0.8-0.9mm (.030-.035") x 15ft
42N-3035-15	Nylon 0.8-0.9mm (.030-.035") x 15ft
42-4045-15	Steel 1.0-1.2mm (.040-.045") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Self Insulated Nozzles

A



STOCK CODE	BORE
21-37	10mm (3/8")
21-50*	13mm (1/2")
21-62	16mm (5/8")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
11-23	0.6mm (.023")	ECu
11-30*	0.8mm (.030")	ECu
11-35	0.9mm (.035")	ECu
11-40	1.0mm (.040")	ECu
11-45	1.2mm (.045")	ECu

Gas Diffuser

C



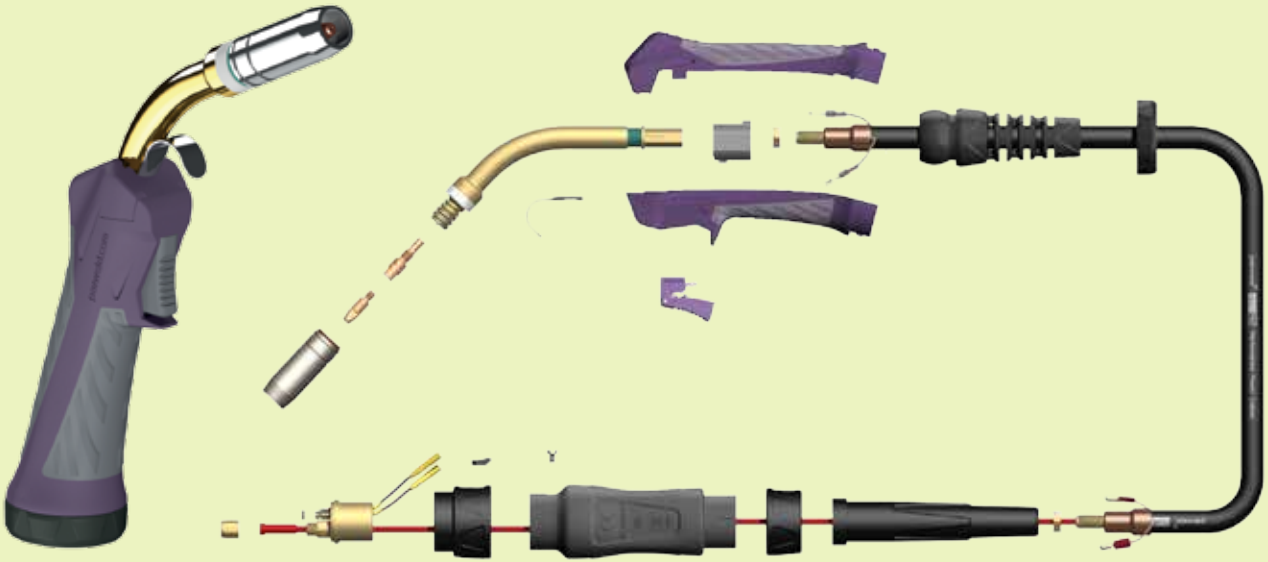
STOCK CODE	WIRE SIZE
51*	0.8mm-1.2mm (.030"-.045")
51-23	0.6mm (.023")

*** Denotes standard build**

ROLL MARKING

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

FOR A COMPLETE BREAKDOWN OF PARWELD TORCH PARTS,

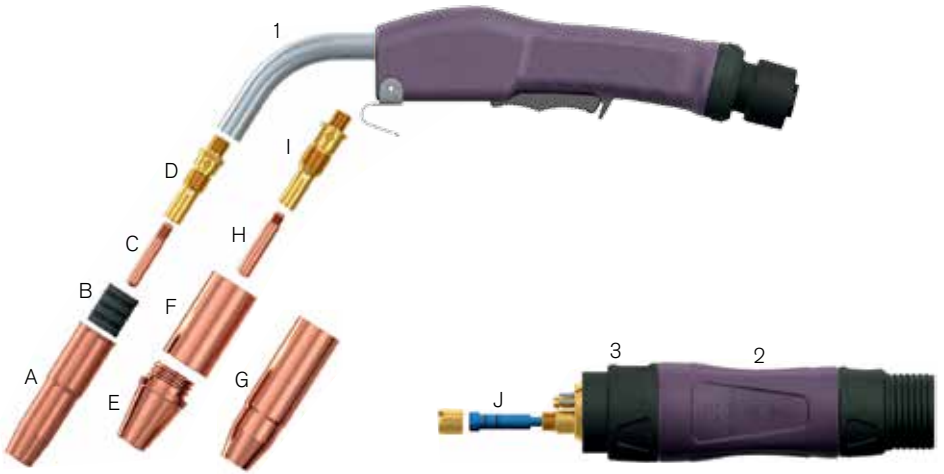


PLEASE REFER TO THE TECHNICAL PAGE ON OUR WEBSITE.

PA NO 2

AIR COOLED MIG TORCH

200A CO_2 150A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.6mm-1.2mm (.023"- .045") Wires





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

	STOCK CODE	DESCRIPTION
1	62J45	45° Conductor Tube
	62J60*	60° Conductor Tube
2	X6RC	Gun Plug Housing c/w Nut
3	174X-2	Gun Plug Nut c/w Insert

J

Liners
See page 128 for full range

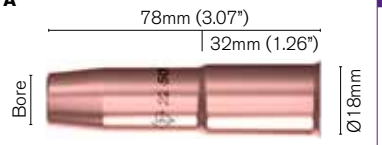
STOCK CODE	DESCRIPTION
42-3035-15*	Conduit 0.8-0.9mm (.030-.035") x 15ft
42-4045-15	Conduit 1.0-1.2mm (.040-.045") x 15ft
42N-3035-15	Nylon Conduit 0.8-0.9mm (.030-.035") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Adjustable Nozzles and Insulator

A



STOCK CODE	BORE
22-50	13mm (1/2")
22-62*	16mm (5/8")

B



32*	Insulator

Contact Tips

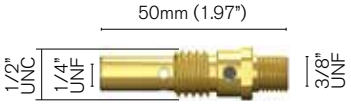
C



STOCK CODE	WIRE SIZE	MATERIAL
14-23	0.6mm (.023")	ECu
14-30*	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40	1.0mm (.040")	ECu
14-45	1.2mm (.045")	ECu

Gas Diffuser

D



STOCK CODE	TIP THREAD
52*	1/4" UNF

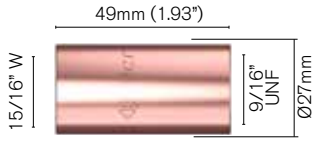
Fixed Nozzle Coarse & Adjustable Insulator

E



24CT-50S	13mm (1/2")
24CT-62S	16mm (5/8")
24CT-75S	19mm (3/4")

F



34CT	Insulator

Self Insulated Nozzles

G



23-50	13mm (1/2")
23-62	16mm (5/8")
23-75	19mm (3/4")

HD Contact Tips

H



14H-30	0.8mm (.030")	ECu
14H-35	0.9mm (.035")	ECu
14H-40	1.0mm (.040")	ECu
14H-45	1.2mm (.045")	ECu

Gas Diffuser

I



52FN	1/4" UNF

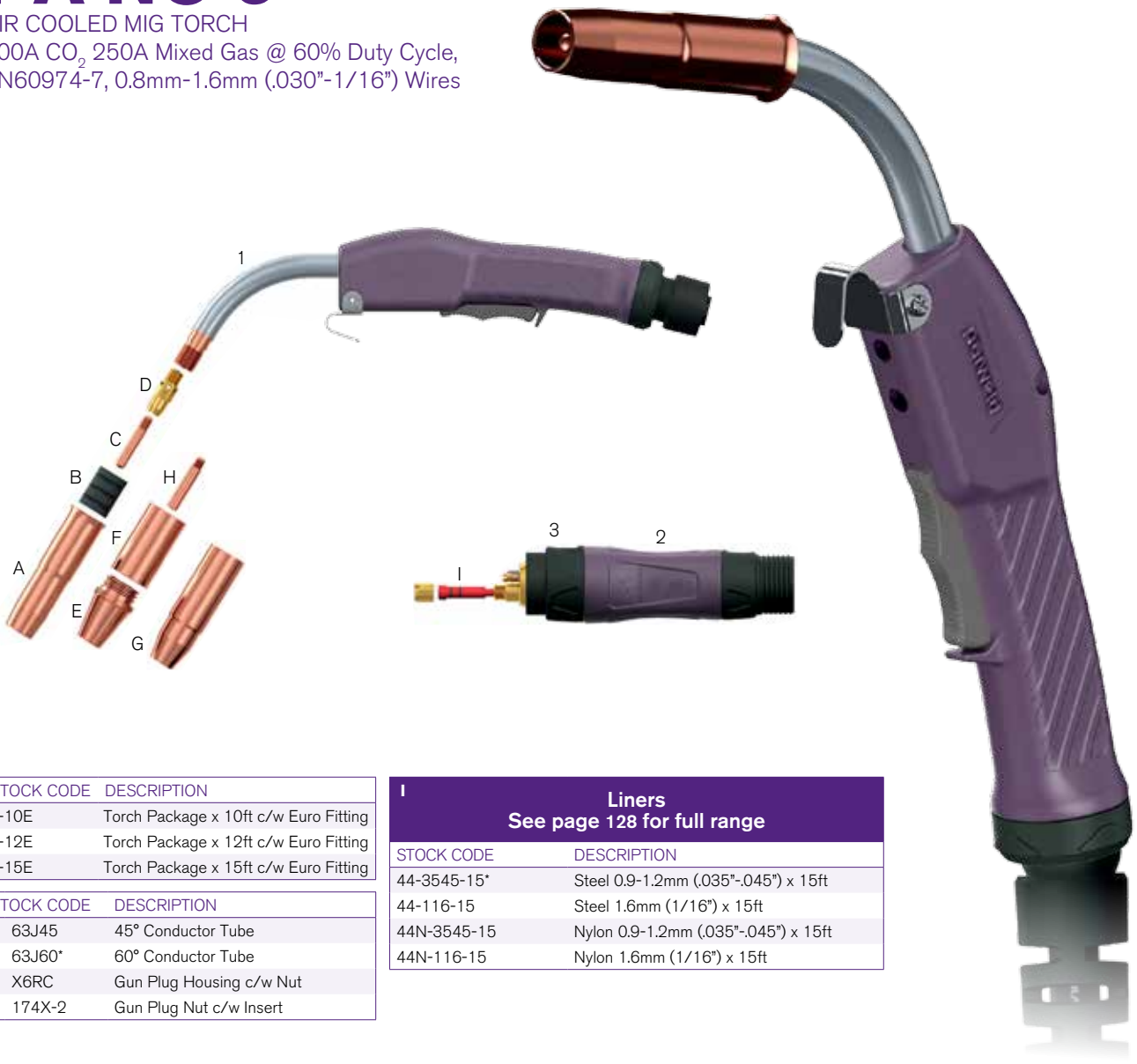
*** Denotes standard build**

ROLL MARKING

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

PA NO 3

AIR COOLED MIG TORCH
300A CO_2 250A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.6mm (.030"-1/16") Wires



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

	STOCK CODE	DESCRIPTION
1	63J45	45° Conductor Tube
	63J60*	60° Conductor Tube
2	X6RC	Gun Plug Housing c/w Nut
3	174X-2	Gun Plug Nut c/w Insert

I

Liners
See page 128 for full range

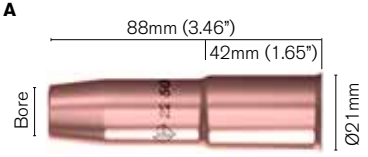
STOCK CODE	DESCRIPTION
44-3545-15*	Steel 0.9-1.2mm (.035"-.045") x 15ft
44-116-15	Steel 1.6mm (1/16") x 15ft
44N-3545-15	Nylon 0.9-1.2mm (.035"-.045") x 15ft
44N-116-15	Nylon 1.6mm (1/16") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Adjustable Nozzle and Insulator

A



STOCK CODE	BORE
24A-50	13mm (1/2')
24A-62*	16mm (5/8')

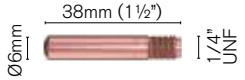
B



34A*	Insulator

Contact Tips

C



STOCK CODE	WIRE SIZE	MATERIAL
14-30	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40*	1.0mm (.040")	ECu
14-45	1.2mm (.045")	ECu
14-52	1.3mm (.052")	ECu
14-116	1.6mm (1/16")	ECu

Gas Diffuser

D



STOCK CODE	TIP THREAD
54A*	1/4" UNF

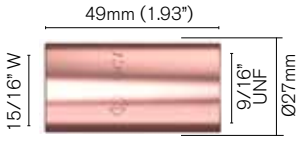
Fixed Nozzle Coarse & Adjustable Insulator

E



24CT-50S	13mm (1/2")
24CT-62S	16mm (5/8")
24CT-75S	19mm (3/4")

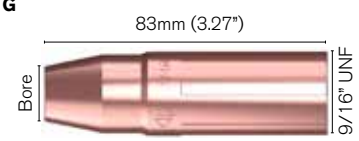
F



34CT	Insulator

Self Insulated Nozzles

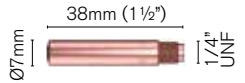
G



23-50	13mm (1/2")
23-62	16mm (5/8")
23-75	19mm (3/4")

HD Contact Tips

H



14H-30	0.8mm (.030")	ECu
14H-35	0.9mm (.035")	ECu
14H-40	1.0mm (.040")	ECu
14H-45	1.2mm (.045")	ECu
14H-52	1.3mm (.052")	ECu
14H-116	1.6mm (1/16")	ECu
14AH-364	1.2mm (.045")	ECu Al

Gas Diffuser

D



54A*	1/4" UNF

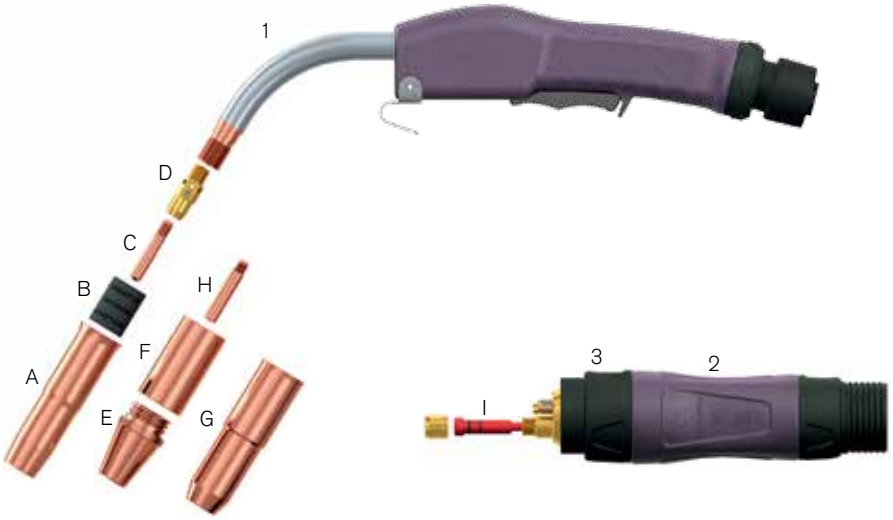
*** Denotes standard build**

ROLL MARKING

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

PA NO 4

AIR COOLED MIG TORCH
400A CO_2 350A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-2.0mm (.030"-5/64") Wires





STOCK CODE	DESCRIPTION
4-10E	Torch Package c/w Euro Fitting
4-12E	Torch Package c/w Euro Fitting
4-15E	Torch Package c/w Euro Fitting

	STOCK CODE	DESCRIPTION
1	64J45	45° Conductor Tube
	64J60*	60° Conductor Tube
2	X6RC	Gun Plug Housing c/w Nut
3	174X-2	Gun Plug Nut c/w Insert

I

Liners
See page 128 for full range

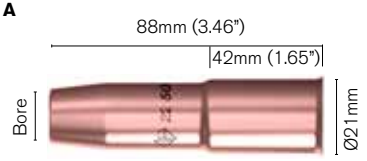
STOCK CODE	DESCRIPTION
44-3545-15*	Steel 0.9-1.2mm (.035"-.045") x 15ft
44-116-15	Steel 1.6mm (1/16") x 15ft
44-564-15	Steel 2.0mm (5/64") x 15ft
44N-116-15	Nylon 1.6mm (1/16") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Adjustable Nozzle and Insulator

A



STOCK CODE	BORE
24A-50	13mm (1/2")
24A-62*	16mm (5/8")
24A-75	19mm (3/4")

B



34A*	Insulator

Contact Tips

C



STOCK CODE	WIRE SIZE	MATERIAL
14-30	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40	1.0mm (.040")	ECu
14-45*	1.2mm (.045")	ECu
14-52	1.3mm (.052")	ECu
14-116	1.6mm (1/16")	ECu
14-564	2.0mm (5/64")	ECu

Gas Diffuser

D



STOCK CODE	TIP THREAD
54A*	1/4" UNF

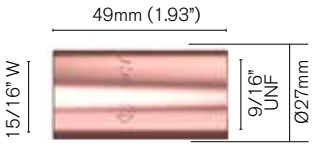
Fixed Nozzle Coarse & Adjustable Insulator

E



24CT-50S	13mm (1/2")
24CT-62S	16mm (5/8")
24CT-75S	19mm (3/4")

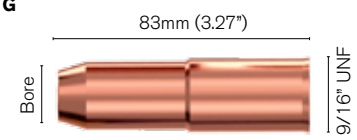
F



34CT	Insulator

Adjustable Nozzle HD

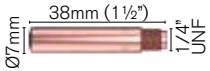
G



24AH-50	13mm (1/2")
24AH-62	16mm (5/8")
24AH-75	19mm (3/4")

HD Contact Tips

H



14H-40	1.0mm (.040")	ECu
14H-45	1.2mm (.045")	ECu
14H-52	1.3mm (.052")	ECu
14H-116	1.6mm (1/16")	ECu
14H-564	2.0mm (5/64")	ECu
14AH-364	1.2mm (.045")	ECu Al

*** Denotes standard build**

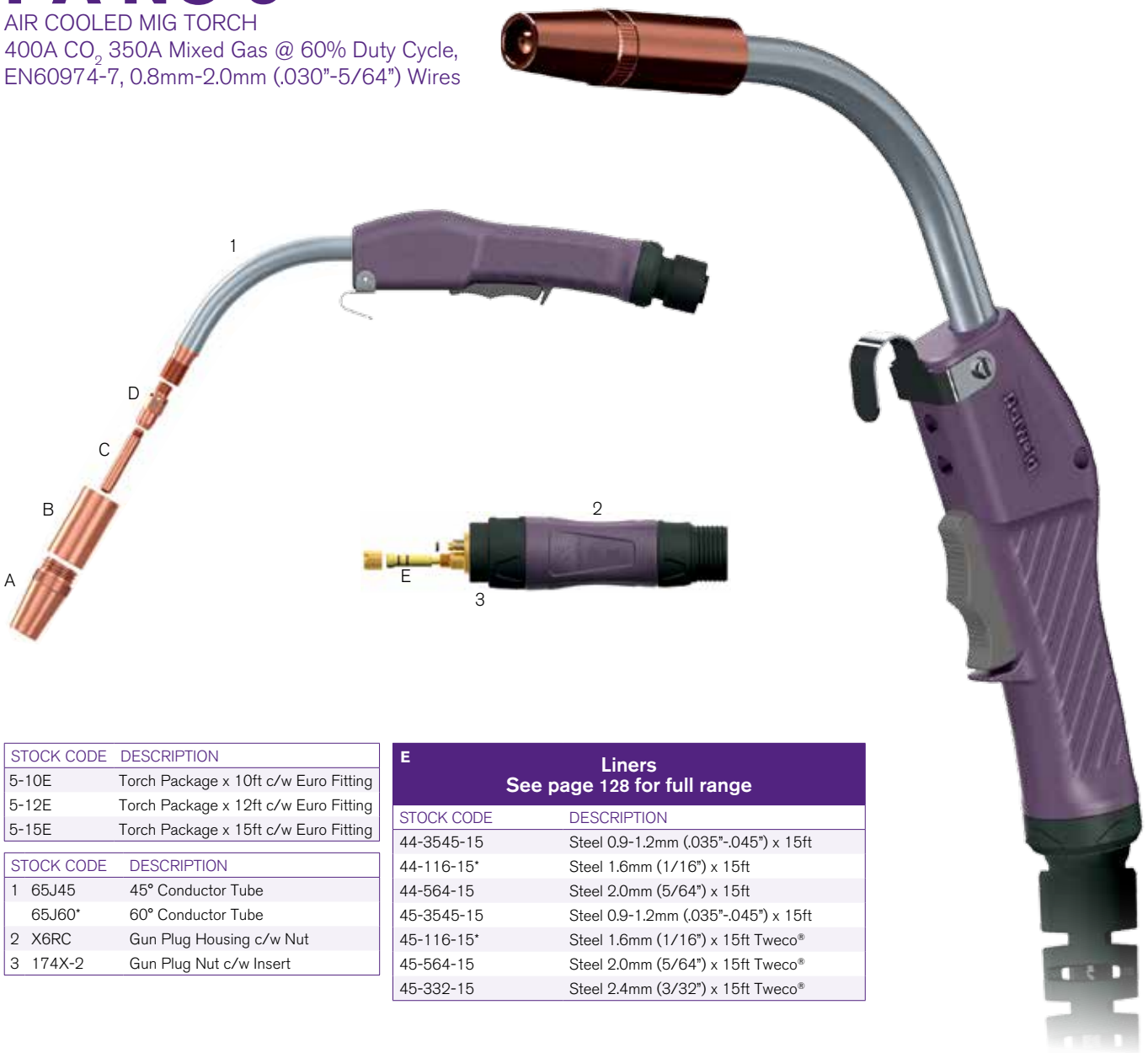
ROLL MARKING

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

PA NO 5

AIR COOLED MIG TORCH

400A CO_2 350A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-2.0mm (.030"-5/64") Wires



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

	STOCK CODE	DESCRIPTION
1	65J45	45° Conductor Tube
	65J60*	60° Conductor Tube
2	X6RC	Gun Plug Housing c/w Nut
3	174X-2	Gun Plug Nut c/w Insert

E

Liners
See page 128 for full range

STOCK CODE	DESCRIPTION
44-3545-15	Steel 0.9-1.2mm (.035"-.045") x 15ft
44-116-15*	Steel 1.6mm (1/16") x 15ft
44-564-15	Steel 2.0mm (5/64") x 15ft
45-3545-15	Steel 0.9-1.2mm (.035"-.045") x 15ft
45-116-15*	Steel 1.6mm (1/16") x 15ft Tweco®
45-564-15	Steel 2.0mm (5/64") x 15ft Tweco®
45-332-15	Steel 2.4mm (3/32") x 15ft Tweco®

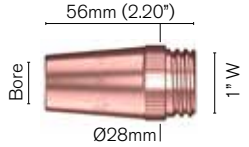
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Tweco® trademark is the property of its respective owner, and its usage is for reference only. These products are not endorsed by the original manufacturer.

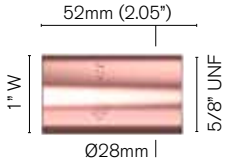
Fixed Nozzles Coarse and Insulator

A



STOCK CODE	BORE
25CT-50	13mm (1/2")
25CT-62*	16mm (5/8")
25CT-75	19mm (3/4")

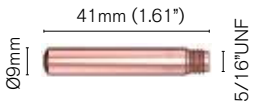
B



35CT*	Insulator

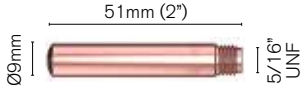
Flux Cored Contact Tips

C



STOCK CODE	WIRE SIZE	MATERIAL
15HFC-40	1.0mm (.040")	ECu, Flux Cored
15HFC-45	1.2mm (.045")	ECu, Flux Cored
15HFC-116*	1.6mm (1/16")	ECu, Flux Cored
15HFC-564	2.0mm (5/64")	ECu, Flux Cored

Contact Tips



15H-40	1.0mm (.040")	ECu
15H-45	1.2mm (.045")	ECu
15H-52	1.3mm (.052")	ECu
15H-116	1.6mm (1/16")	ECu
15H-564	2.0mm (5/64")	ECu
15H-332	2.4mm (3/32")	ECu

Gas Diffusers

D



STOCK CODE	WIRE SIZE	TIP THREAD
55H	1.6mm (1/16")	5/6" UNF
55SW*	2.0mm (5/64")	5/6" UNF
55	2.4mm (.095")	5/6" UNF

*** Denotes standard build**

ROLL MARKING

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



TWC LINERS

		STOCK CODE	LENGTH	WIRE SIZE	PA NO. 1	PA NO. 2	PA NO. 3	PA NO. 4	PA NO. 5	PA NO. 5 Tweco® End*
A	Steel Liner Conduit	42-3035-15	15ft	0.8-0.9mm (.030-.035")	■	■	□	□	□	
B	Steel Liner, Brass Nipple	A42-3035-15	15ft	0.8-0.9mm (.030-.035")	■	■	□	□	□	
	Nylon Liner, Brass Nipple	42N-3035-15	15ft	0.8-0.9mm (.030-.035")	■	■	□	□	□	
A	Steel Liner	42-4045-15	15ft	1.0-1.2mm (.040-.045")	■	■	□	□	□	
		42-4045-25	25ft	1.0-1.2mm (.040-.045")	■	■	□	□	□	
B	Steel Liner, Brass Nipple	A42-4045-15	15ft	1.0-1.2mm (.040-.045")	■	■	□	□	□	
A	Steel Liner	44-3545-15	15ft	0.9-1.2mm (.035-045")			■	■	■	
		44-3545-25	25ft	0.9-1.2mm (.035-045")			■	■	■	
B	Steel Liner, Brass Nipple	A44-3545-15	15ft	0.9-1.2mm (.035-045")			■	■	■	
		A44-3545-25	25ft	0.9-1.2mm (.035-045")			■	■	■	
	Nylon Liner, Brass Nipple	44N-3545-15	15ft	0.9-1.2mm (.035-045")	■	■	■	■	■	
C	Teflon Liner	44TF-3545-15	15ft	1.2mm (.045")	■	■	■	■	■	
A	Steel Liner	44-116-15	15ft	1.6mm (1/16")			■	■	■	
		44-116-25	25ft	1.6mm (1/16")			■	■	■	
B	Steel Liner, Brass Nipple	A44-116-15	15ft	1.6mm (1/16")			■	■	■	
		A44-116-25	25ft	1.6mm (1/16")			■	■	■	
C	Nylon Liner	44N-116-15	15ft	1.6mm (1/16")			■	■	■	
	Teflon Liner	44TF-116-15	15ft	1.6mm (1/16")			■	■	■	
A	Steel Liner	44-564-15	15ft	2.0mm (5/64")			□	■	■	
B	Steel Liner, Brass Nipple	A44-564-15	15ft	2.0mm (5/64")			□	■	■	
A	Steel Liner	44-332-15	15ft	2.4mm (.095")					■	
D		45-3545-15	15ft	1.2mm (.045")						■
E	Steel Liner, Brass Nipple	A45-3545-15	15ft	1.2mm (.045")						■
D	Steel Liner	45-116-15	15ft	1.6mm (1/16")						■
		45-116-25	25ft	1.6mm (1/16")						■
E	Steel Liner, Brass Nipple	A45-116-15	15ft	1.6mm (1/16")						■
D	Steel Liner	45-564-15	15ft	2.0mm (5/64")						■
		45-332-15	15ft	2.4mm (3/32")						■
		45-332-25	25ft	2.4mm (3/32")						■

■ Solid Box = Recommended Liner
□ Clear Box = Compatible Liner
++ For optional Neck Liners please use the following codes. B9000 for soft wires 0.8-1.0mm (.030"-.045"), B9001 for 1.0-1.6mm (.040"-1/16")

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

A



B



C



D



E



BND

The Parweld BND torch gives industrial grade durability and performance.

The classic BND design is popular throughout the world with professional welders.

BND KEY FEATURES 130

BND TORCH RANGE 131

PEZ 200E 132

PEZ 300E 134

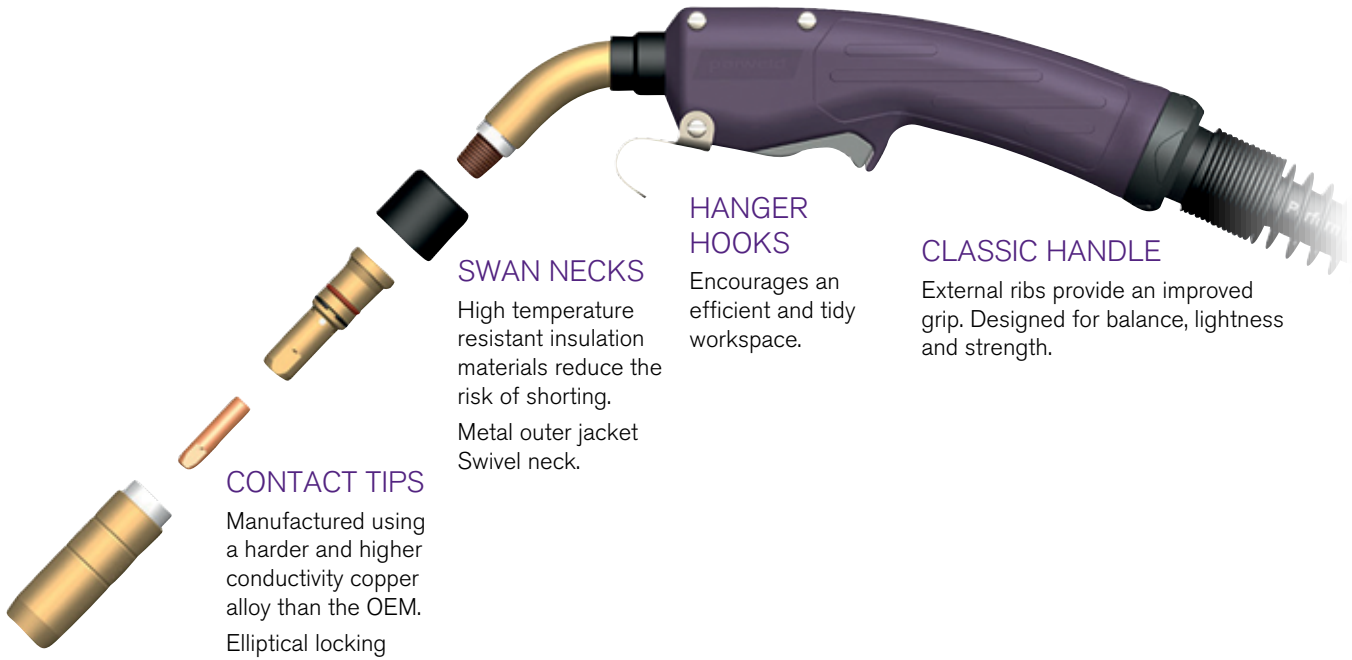
PEZ 400E 136

BND LINERS 138

TRG TOUGHLOCK COMPATIBLE 139

KEY FEATURES

Choose the classic BND design and handle system.



NOZZLES

Brass nozzles reduce spatter build up.

CONTACT TIPS

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

Elliptical locking system.

SWAN NECKS

High temperature resistant insulation materials reduce the risk of shorting.

Metal outer jacket
Swivel neck.

HANGER HOOKS

Encourages an efficient and tidy workspace.

CLASSIC HANDLE

External ribs provide an improved grip. Designed for balance, lightness and strength.

HYPERFLEX™ CABLE SYSTEMS

Air cooled cable assemblies offer flexibility and the highest heat and abrasion resistance of any known cable.

GUN PLUG BODIES

Spring loaded pins for improved contact.



BND TORCH RANGE

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.



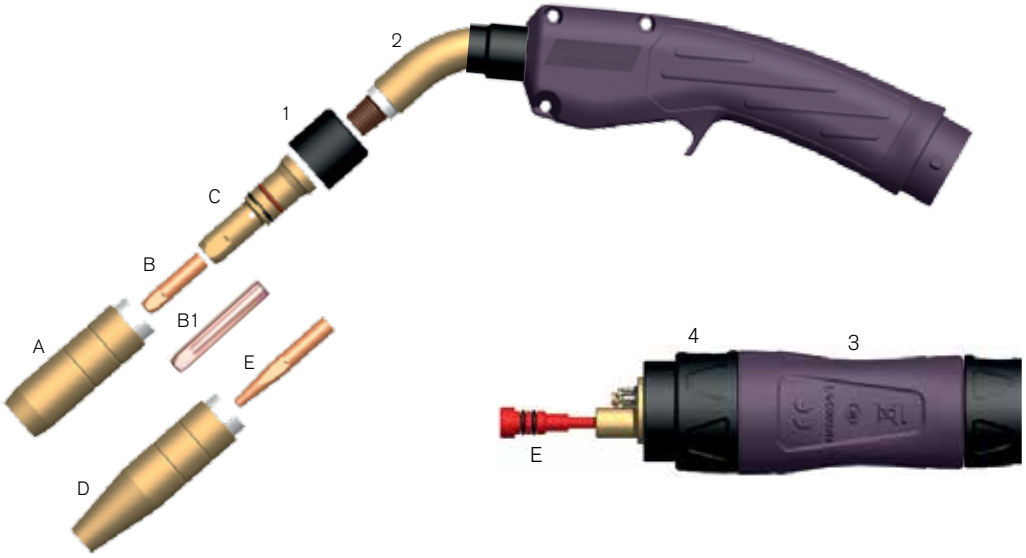




		PEZ 200E	PEZ 300E	PEZ 400E
STOCK CODE	10FT	4E210AE	4E310AE	4E410AE
	12FT	4E212AE	4E312AE	4E412AE
	15FT	4E215AE	4E315AE	4E415AE
COOLING		Air	Air	Air
RATING		200A CO_2 150A Mixed Gas @ 60%	300A CO_2 200A Mixed Gas @ 60%	400A CO_2 320A Mixed Gas @ 60%
WIRE SIZE		0.8mm-1.2mm (.030"-.045")	0.8mm-1.2mm (.030"-045")	0.8mm-2.0mm (.030"-5/64")

PEZ 200E

AIR COOLED MIG TORCH
200A CO_2 150A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





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

STOCK CODE	DESCRIPTION
1 4323R	Rubber Cap
2 4786	Swan Neck
3 BE1518	Gun Plug Housing c/w Nut
4 4816	Gun Plug Nut c/w Insert

E

Liners
See page 138 for full range

STOCK CODE	DESCRIPTION
43010	Steel 0.6-0.8mm (.023-.030") x 10ft
43015	Steel 0.6-0.8mm (.023-.030") x 15ft
43110*	Steel 0.8-1.2mm (.030-.045") x 10ft
43115*	Steel 0.8-1.2mm (.030-.045") x 15ft
43115X	Polyamide 0.8-1.2mm (.030-.045") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	MATERIAL	BORE
4391*	Brass	16mm (5/8")
4393	Copper	16mm (5/8")
4392	Brass	13mm (1/2")
4394	Copper	13mm (1/2")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
7488	0.8mm (.030")	ECu
7489	0.9mm (.035")	ECu
7496	1.0mm (.040")	ECu
7490*	1.2mm (.045")	ECu

Contact Tips

B1



STOCK CODE	WIRE SIZE	MATERIAL
1588	0.8mm (.030")	ECu
1596	1.0mm (.040")	ECu
1590	1.2mm (.045")	ECu
1598	1.3mm (.052")	ECu
1591	1.6mm (1/16")	ECu
1592	2.0mm (5/64")	ECu
1593	2.4mm (3/32")	ECu
1594	2.8mm (.110")	ECu

Nozzle

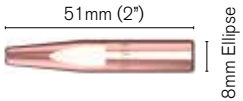
D



4295	Brass	10mm (3/8")

Contact Tips Pipeline

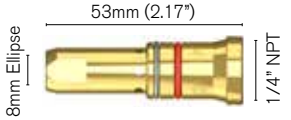
E



4282	1.2mm (.045")	ECu Pipeline

Head Assembly

C



4335*	7400
4235	1500

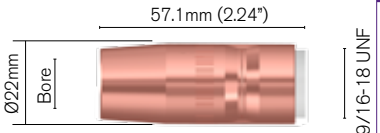
BND C'FIRE

Nozzle



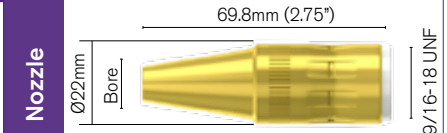
NS-1218B	Brass	13mm (1/2")

Nozzle



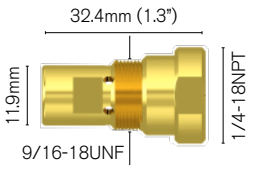
NS-5818C	Copper	13mm (1/2")

Nozzle



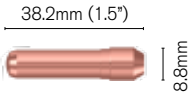
NST-3818B	Brass	9.5mm (3/8")

Head Assembly



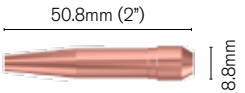
DS-1	Brass	T-00

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu
T-039	1.0mm (.039")	ECu
T-045	1.2mm (.045")	ECu

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu

*** Denotes standard build**

ROLL MARKING

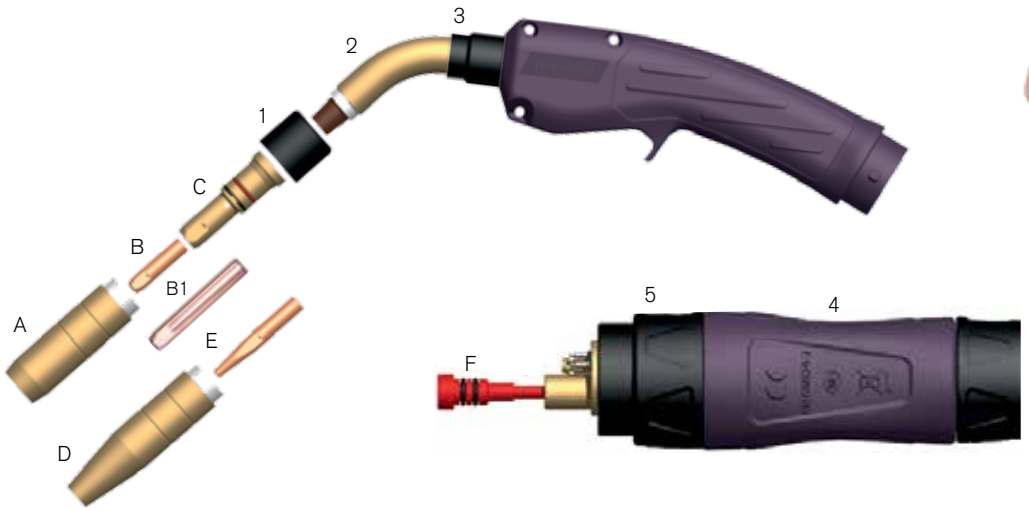
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.

Item numbers and descriptions are for reference and compatibility only. The products on this page are not endorsed or manufactured by ITW.

PEZ 300E

AIR COOLED MIG TORCH
300A CO_2 200A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-1.2mm (.030"-.045") Wires





STOCK CODE	DESCRIPTION
46310AE	Torch Package x 10ft c/w Euro Fitting
46312AE	Torch Package x 12ft c/w Euro Fitting
46315AE	Torch Package x 15ft c/w Euro Fitting

STOCK CODE	DESCRIPTION
1 4323R	Rubber Cap
2 4786	Swan Neck
3 4780	Neck Insulator
4 BE1518	Gun Plug Housing c/w Nut
5 4816	Gun Plug Nut c/w Insert

F

Liners
See page 138 for full range

STOCK CODE	DESCRIPTION
43110*	Steel 0.8-1.2mm (.030-.045") x 10ft
43115*	Steel 0.8-1.2mm (.030-.045") x 15ft
43115X	Polyamide 0.8-1.2mm (.030-.045") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	MATERIAL	BORE
4391*	Brass	16mm (5/8")
4393	Copper	16mm (5/8")
4392	Brass	13mm (1/2")
4394	Copper	13mm (1/2")

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
7488	0.8mm (.030")	ECu
7489	0.9mm (.035")	ECu
7496	1.0mm (.040")	ECu
7490*	1.2mm (.045")	ECu

Contact Tips

B1



STOCK CODE	WIRE SIZE	MATERIAL
1588	0.8mm (.030")	ECu
1596	1.0mm (.040")	ECu
1590	1.2mm (.045")	ECu
1598	1.3mm (.052")	ECu
1591	1.6mm (1/16")	ECu
1592	2.0mm (5/64")	ECu
1593	2.4mm (3/32")	ECu
1594	2.8mm (.110")	ECu

Nozzle

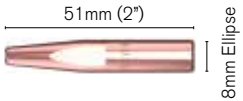
D



4295	Brass	10mm (3/8")

Contact Tips Pipeline

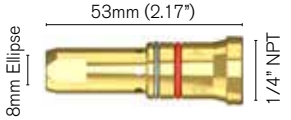
E



4282	1.2mm (.045")	ECu Pipeline

Head Assembly

C



4335*	7400
4235	1500

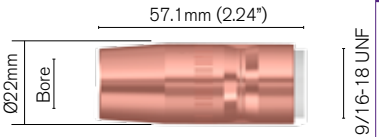
BND C'FIRE

Nozzle



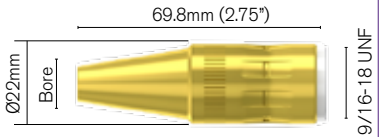
NS-1218B	Brass	13mm (1/2")

Nozzle



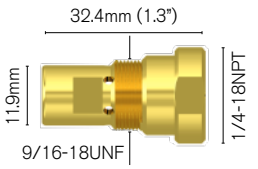
NS-5818C	Copper	13mm (1/2")

Nozzle



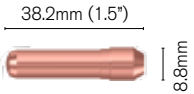
NST-3818B	Brass	9.5mm (3/8")

Head Assembly



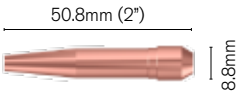
DS-1	Brass	T-00

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu
T-039	1.0mm (.039")	ECu
T-045	1.2mm (.045")	ECu

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu

*** Denotes standard build**

ROLL MARKING

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PEZ 400E

AIR COOLED MIG TORCH
400A CO_2 320A Mixed Gas @ 60% Duty Cycle,
EN60974-7, 0.8mm-2.0mm (.030"-5/64") Wires



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

STOCK CODE	DESCRIPTION
1 4423R	Rubber Cap
2 4790	Swan Neck
3 4780	Neck Insulator
4 BE1518	Gun Plug Housing c/w Nut
5 4816	Gun Plug Nut c/w Insert

D

Liners
See page 138 for full range

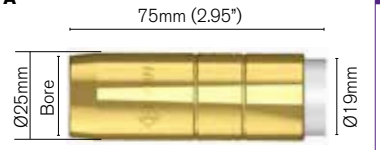
STOCK CODE	DESCRIPTION
44110*	Steel 0.8-1.2mm (.030-.045") x 10ft
44115*	Steel 0.8-1.2mm (.030-.045") x 15ft
44210	Steel 1.2-1.6mm (.045-1/16") x 10ft
44215	Steel 1.2-1.6mm (.045-1/16") x 15ft
44215X	Polyamide 1.2-1.6mm (.045-1/16") x 15ft
44310	Steel 2.0mm (5/64") x 10ft
44315	Steel 2.0mm (5/64") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

Nozzles

A



STOCK CODE	MATERIAL	BORE
4491*	Brass	19mm (3/4")
4591	Copper	19mm (3/4")
4492	Brass	14mm (2/16")
4592	Copper	14mm (2/16")

Contact Tips

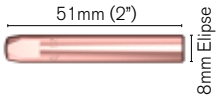
B



STOCK CODE	WIRE SIZE	MATERIAL
7488	0.8mm (.030")	ECu
7489	0.9mm (.035")	ECu
7496	1.0mm (.040")	ECu
7490*	1.2mm (.045")	ECu
7498	1.3mm (.052")	ECu
7491	1.6mm (1/16")	ECu
7492	2.0mm (5/64")	ECu

Contact Tips

B1



STOCK CODE	WIRE SIZE	MATERIAL
1588	0.8mm (.030")	ECu
1596	1.0mm (.040")	ECu
1590	1.2mm (.045")	ECu
1598	1.3mm (.052")	ECu
1591	1.6mm (1/16")	ECu
1592	2.0mm (5/64")	ECu
1593	2.4mm (3/32")	ECu
1594	2.8mm (.110")	ECu

Head Assembly

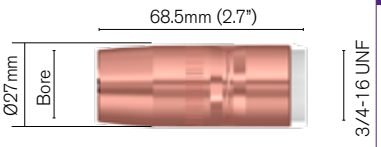
C



STOCK CODE	TIP SERIES
4435*	7400
4365	1500

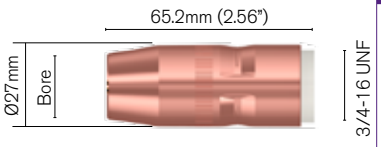
BND C'FIRE

Nozzle



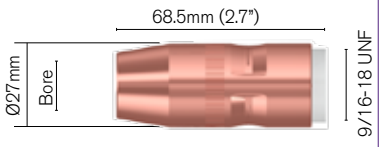
N-3414C	Copper	19mm (3/4")

Nozzle



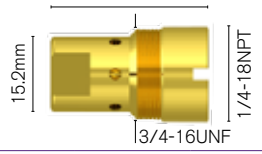
N-5818C	Copper	16mm (5/8")

Nozzle



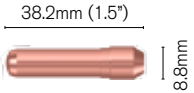
N-5814C	Copper	16mm (5/8")

Head Assembly



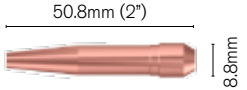
D-1	13mm (1/2")

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu
T-039	1.0mm (.039")	ECu
T-045	1.2mm (.045")	ECu
T-052	1.4mm (.052")	ECu
T-062	1.6mm (1/16")	ECu
T-078	2.0mm (5/64")	ECu

Contact Tips



T-023	0.6mm (.023")	ECu
T-030	0.8mm (.030")	ECu
T-035	0.9mm (.035")	ECu

*** Denotes standard build**

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BND LINERS

		STOCK CODE	LENGTH	WIRE SIZE	PEZ 200E	PEZ 300E	PEZ 400E
A	Steel Liner Plastic Nipple	43010	10ft	0.6-0.9mm (.023-.035")	■	□	□
		43015	15ft	0.6-0.9mm (.023-.035")	■	□	□
A		43110	10ft	0.8-1.2mm (.030-.045")	■	■	□
		43115	15ft	0.8-1.2mm (.030-.045")	■	■	□
B	Steel Liner Brass Nipple	A43110	10ft	0.8-1.2mm (.030-.045")	□	■	□
		A43115	15ft	0.8-1.2mm (.030-.045")	□	■	□
A	Steel Liner Plastic Nipple	43210	10ft	0.8-1.2mm (.030-.045")	□	■	□
		43215	15ft	0.8-1.2mm (.030-.045")	□	■	□
A		44110	10ft	0.8-1.2mm (.030-.045")	□	□	■
		44115	15ft	0.8-1.2mm (.030-.045")	□	□	■
B	Steel Liner Brass Nipple	A44110	10ft	0.8-1.2mm (.030-.045")	□	□	■
		A44115	15ft	0.8-1.2mm (.030-.045")	□	□	■
A	Steel Liner Plastic Nipple	44210	10ft	1.2-1.6mm (.045-.063")	□	□	■
		44215	15ft	1.2-1.6mm (.045-.063")	□	□	■
A	Steel Liner Brass Nipple	44210	10ft	1.2-1.6mm (.045-.063")	□	□	■
		A44215	15ft	1.2-1.6mm (.045-.063")	□	□	■
A	Steel Liner Plastic Nipple	44310	10ft	2.0mm (5/64")			■
		44335	15ft	2.0mm (5/64")			■
C	Polyamide Liner Brass Nipple	44215X	15ft	1.2-1.6mm (.045-1/16")	□	■	■
		43115X	15ft	0.8-1.2mm (.030-.045")	□	■	□

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

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

A



B

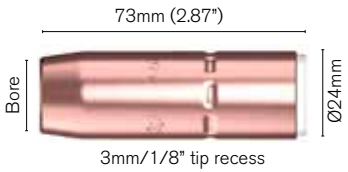


C



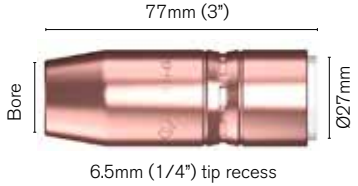
TRG TOUGHLOCK COMPATIBLE

SD Nozzles



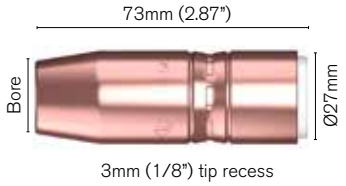
STOCK CODE	BORE
401-4-50	13mm (1/2")
401-4-62	16mm (5/8")
401-4-75	19mm (3/4")

HD Nozzles 6.5MM RECESS(1/4")



STOCK CODE	BORE
401-5-50	13mm (1/2")
401-5-62	16mm (5/8")
401-5-75	19mm (3/4")

HD Nozzles 3.2MM RECESS(1/8")



STOCK CODE	BORE
401-6-50	13mm (1/2")
401-6-62	16mm (5/8")
401-6-75	19mm (3/4")

SD Contact Tips



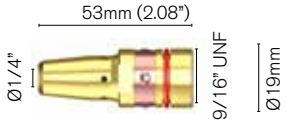
STOCK CODE	WIRE SIZE	MATERIAL
403-14-45	1.2mm (.045")	ECu
403-14-52	1.3mm (.052")	ECu
403-14-116	1.6mm (1/16")	ECu

HD Contact Tips



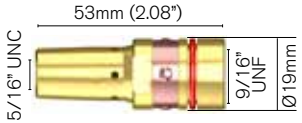
STOCK CODE	WIRE SIZE	MATERIAL
403-20-45	1.2mm (.045")	ECu
403-20-52	1.3mm (.052")	ECu
403-20-116	1.6mm (1/16")	ECu
403-20-564	2.0mm (5/64")	ECu
403-20-332	2.4mm (3/32")	ECu

SD Retaining Head



STOCK CODE
404-14

HD Retaining Head



STOCK CODE
404-20

ROLL MARKING

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

ToughLock® trademark is the property of ITW Welding and usage is for reference and compatibility only. The products on this page are not endorsed or manufactured by ITW

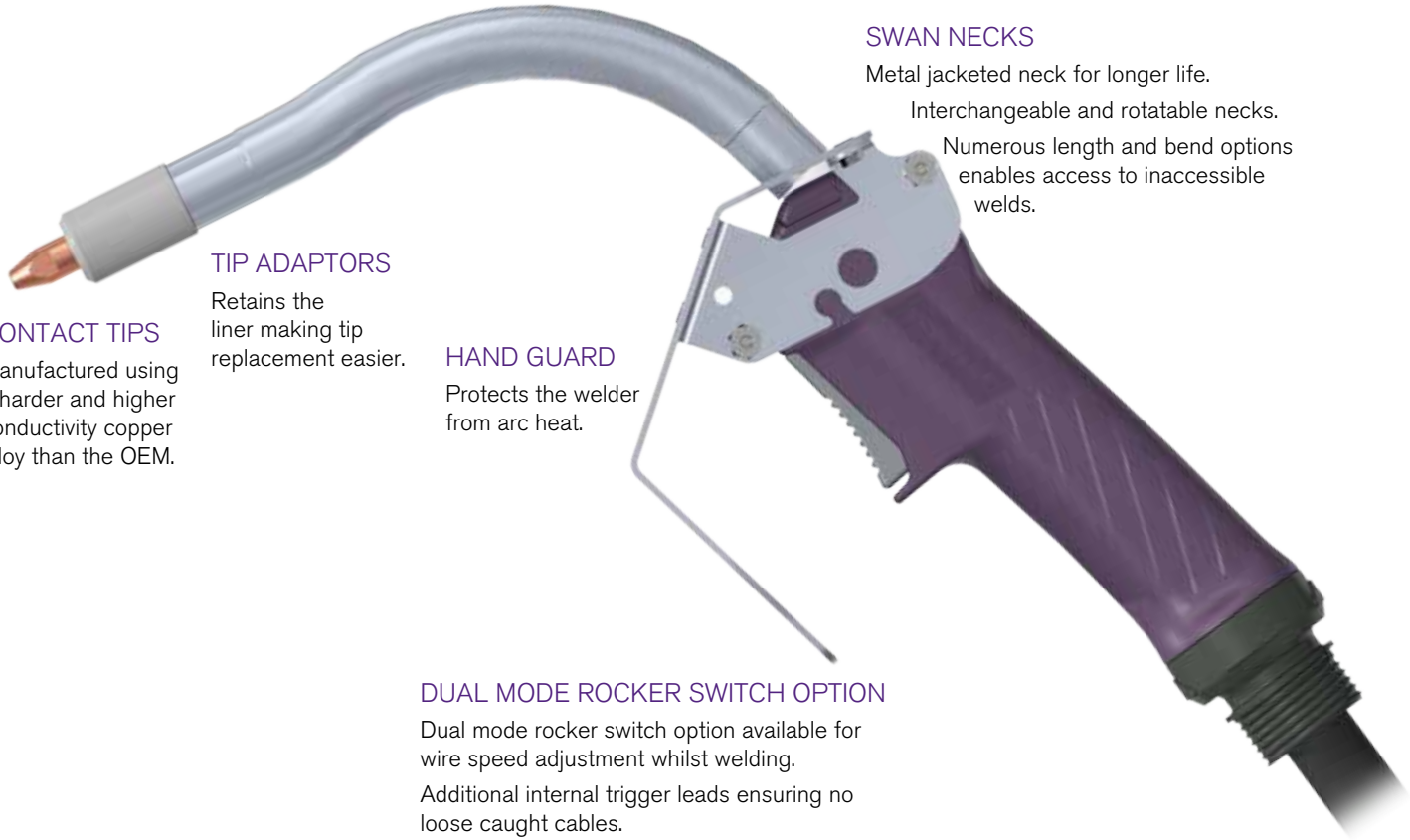
PRO-FC

The Parweld PRO-FC self-shielding flux cored welding torch range has been specifically designed for use with gasless flux cored wires, and is ideal for outdoor operations such as pipeline welding.

PRO-FC KEY FEATURES 141
PRO-FC MIG TORCH RANGE 142
PRO-FC EURO CONNECTOR LINERS 143
PRO-FC DIRECT PIN CONNECTOR LINERS 143
PRO-FC 350A 144
PRO-FC 450A 146
PRO-FC SWAN NECK 147
MIG TORCH END CONNECTOR OPTIONS 148
MODULAR POWER PIN TORCH CONVERSION KIT 149
HIGH TEMP PVC COPPER CABLE 150
HOSE, LINER MATERIAL AND SHEATH 151
MACHINE CONVERSION KITS 152
BULK PACK FEED CONDUIT 153

WELDING WHERE EVER

KEY FEATURES



SWAN NECKS

Metal jacketed neck for longer life.

Interchangeable and rotatable necks.

Numerous length and bend options enables access to inaccessible welds.

TIP ADAPTORS

Retains the liner making tip replacement easier.

CONTACT TIPS

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

HAND GUARD

Protects the welder from arc heat.

DUAL MODE ROCKER SWITCH OPTION

Dual mode rocker switch option available for wire speed adjustment whilst welding.

Additional internal trigger leads ensuring no loose caught cables.



KNUCKLE JOINT

Improved manoeuvrability.

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

FLEXIBLE CABLE SYSTEMS

Heavy duty steel coil conduit cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable.

PRO-FC MIG TORCH RANGE

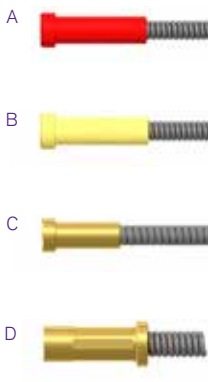




			PRO-FC 350A	PRO-FC 450A
STOCK CODE	European Build	8ft	LNE3500-08E	LNE4500-08E
		10ft	LNE3500-10E	LNE4500-10E
		15ft	LNE3500-15E	LNE4500-15E
COOLING			Air	Air
RATING			350A	450A
DUTY CYCLE			60%	60%
WIRE SIZE			1.0mm-2.4mm (.040"-3/32")	1.6mm-3.2mm (1/16"-1/8")

PRO-FC EURO CONNECTOR LINERS

			STOCK CODE	LENGTH	WIRE SIZE	LNE 350A	LNE 450A
Liners	PLAIN	A	LNE5033-08	8ft	1.0-1.2mm (.040-.045")	■	
			LNE5033-10	10ft	1.0-1.2mm (.040-.045")	■	
			LNE5033-15	15ft	1.0-1.2mm (.040-.045")	■	
		B	LNE5034-08	8ft	1.2-1.6mm (.045-1/16")	■	
			LNE5034-10	10ft	1.2-1.6mm (.045-1/16")	■	
			LNE5034-15	15ft	1.2-1.6mm (.045-1/16")	■	
		C	LNE4033-08	8ft	2.0-2.4mm (5/64-3/32")	■	
			LNE4033-10	10ft	2.0-2.4mm (5/64-3/32")	■	
			LNE4033-15	15ft	2.0-2.4mm (5/64-3/32")	■	
		D	LNE6033-08	8ft	1.6-2.4mm (1/16-3/32")		■
			LNE6033-10	10ft	1.6-2.4mm (1/16-3/32")		■
			LNE6033-15	15ft	1.6-2.4mm (1/16-3/32")		■
			LNE6034-08	8ft	2.4mm (3/32")		■
			LNE6034-10	10ft	2.4mm (3/32")		■
			LNE6034-15	15ft	2.4mm (3/32")		■
			LNE6035-08	8ft	2.8-3.2mm (.11-1/8")		■
			LNE6035-10	10ft	2.8-3.2mm (.11-1/8")		■
			LNE6035-15	15ft	2.8-3.2mm (.11-1/8")		■



■ Solid Box = Recommended Liner

PRO-FC DIRECT PIN CONNECTOR LINERS

Only to be used in conjunction with modular power pins

			STOCK CODE	LENGTH	WIRE SIZE	LNE 350A	LNE 450A
Liners	PLAIN	A	LNE5033-08P	8ft	1.0-1.2mm (.040-.045")	■	
			LNE5033-10P	10ft	1.0-1.2mm (.040-.045")	■	
			LNE5033-15P	15ft	1.0-1.2mm (.040-.045")	■	
			LNE5034-08P	8ft	1.2-1.6mm (.045-1/16")	■	
			LNE5034-10P	10ft	1.2-1.6mm (.045-1/16")	■	
			LNE5034-15P	15ft	1.2-1.6mm (.045-1/16")	■	
			LNE4033-08P	8ft	2.0-2.4mm (5/64-3/32")	■	
			LNE4033-10P	10ft	2.0-2.4mm (5/64-3/32")	■	
			LNE4033-15P	15ft	2.0-2.4mm (5/64-3/32")	■	
		B	LNE6033-08P	8ft	1.6-2.4mm (1/16-3/32")		■
			LNE6033-10P	10ft	1.6-2.4mm (1/16-3/32")		■
			LNE6033-15P	15ft	1.6-2.4mm (1/16-3/32")		■
			LNE6034-08P	8ft	2.4mm (3/32")		■
			LNE6034-10P	10ft	2.4mm (3/32")		■
			LNE6034-15P	15ft	2.4mm (3/32")		■
			LNE6035-08P	8ft	2.8-3.2mm (.11-1/8")		■
			LNE6035-10P	10ft	2.8-3.2mm (.11-1/8")		■
			LNE6035-15P	15ft	2.8-3.2mm (.11-1/8")		■



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

0.6-0.9mm
Wire ■ Blue

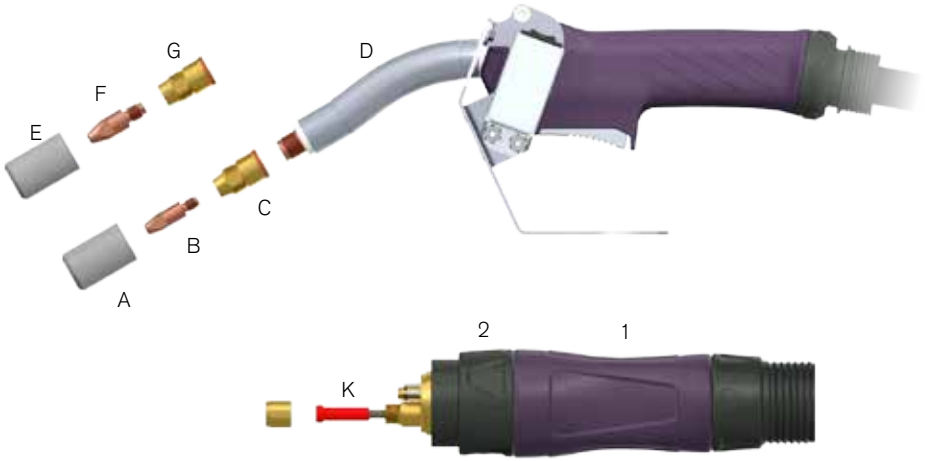
1.0-1.2mm
Wire ■ Red

1.2-1.6mm
Wire ■ Yellow

PRO-FC 350A

SELF SHIELDED FLUX CORE WELDING TORCH

350A @ 60% Duty Cycle, EN60974-7, 1.0mm-2.4mm (.040”-3/32”) Wires





STOCK CODE	DESCRIPTION
LNE3500-08E	Torch Package x 8ft c/w Euro Fitting
LNE3500-10E	Torch Package x 10ft c/w Euro Fitting
LNE3500-15E	Torch Package x 15ft c/w Euro Fitting

STOCK CODE		DESCRIPTION
1	LNE1518	Gun Plug Housing c/w Nut
2	LNE1519	Gun Plug Nut

K

Liners

See page 157 for full range

STOCK CODE	DESCRIPTION
LNE5033-08	Plain, 1.0-1.2mm (.040-.045”) x 8ft
LNE5033-10	Plain, 1.0-1.2mm (.040-.045”) x 10ft
LNE5033-15	Plain, 1.0-1.2mm (.040-.045”) x 15ft
LNE5034-08*	Plain, 1.2-1.6mm (.045-1/16”) x 8ft
LNE5034-10*	Plain, 1.2-1.6mm (.045-1/16”) x 10ft
LNE5034-15*	Plain, 1.2-1.6mm (.045-1/16”) x 15ft
LNE4033-08	Plain, 2.0-2.4mm (5/64-3/32”) x 8ft
LNE4033-10	Plain, 2.0-2.4mm (5/64-3/32”) x 10ft
LNE4033-15	Plain, 2.0-2.4mm (5/64-3/32”) x 15ft

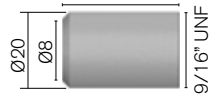
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

EUROPEAN CONSUMABLES:

Thread Protector

A



STOCK CODE	TIP SIZE
LNE3502*	M6

Contact Tips

B



STOCK CODE	WIRE SIZE	MATERIAL
LNE2504-10	1.0mm (.040")	ECu
LNE2504-12	1.2mm (.045")	ECu
LNE2504-14	1.4mm (.055")	ECu
LNE2504-16*	1.6mm (1/16")	ECu

Tip Adaptor

C



STOCK CODE	TIP SIZE
LNE3506	M6

Swan Neck

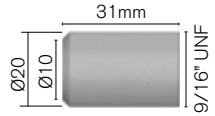
D



STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

Thread Protector

E



STOCK CODE	TIP SIZE
LNE4502	M8/M10

*** Denotes standard build**

ALTERNATIVE SWAN NECKS AVAILABLE
See pages 147 for more information.

Contact Tips

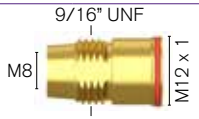
F



STOCK CODE	WIRE SIZE	MATERIAL
LNE4014-10	1.0mm (.040")	ECu
LNE4014-12	1.2mm (.045")	ECu
LNE4014-14	1.4mm (.055")	ECu
LNE4014-16	1.6mm (1/16")	ECu
LNE4014-20	2.0mm (5/64")	ECu
LNE4014-24	2.4mm (3/32")	ECu

Tip Adaptor

G



STOCK CODE	TIP SIZE
LNE4508	M8

Swan Neck

D



STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

GRIP GLOVES
COLOUR CODED PROTECTION

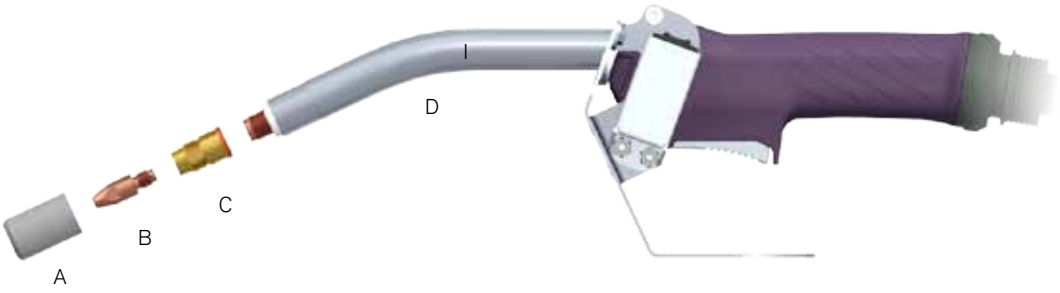
Our gloves are ideal for heavy-duty work like welding and woodworking as well as lighter tasks such as gardening and DIY jobs.



PRO-FC 450A

SELF SHIELDED FLUX CORE WELDING TORCH

450A, @ 60% Duty Cycle, EN60974-7, 1.6mm-3.2mm (1/16"-1/8") Wires







STOCK CODE	DESCRIPTION
LNE4500-08E	Torch Package x 8ft c/w Euro Fitting
LNE4500-10E	Torch Package x 10ft c/w Euro Fitting
LNE4500-15E	Torch Package x 15ft c/w Euro Fitting

STOCK CODE		DESCRIPTION
1	LNE1518	Gun Plug Housing c/w Nut
2	LNE1519	Gun Plug Nut

J

Liners

See page 157 for full range

STOCK CODE	DESCRIPTION
LNE6033-08*	Plain, 1.6-2.4mm (1/16-3/32") x 8ft
LNE6033-10*	Plain, 1.6-2.4mm (1/16-3/32") x 10ft
LNE6033-15*	Plain, 1.6-2.4mm (1/16-3/32") x 15ft
LNE6035-08	Plain, 2.8-3.2mm (.11-1/8") x 8ft
LNE6035-10	Plain, 2.8-3.2mm (.11-1/8") x 10ft
LNE6035-15	Plain, 2.8-3.2mm (.11-1/8") x 15ft

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more information.

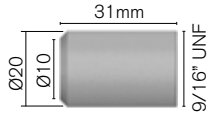
ALTERNATIVE SWAN NECKS AVAILABLE
See pages 147 for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 148 - 149 for more information.

EUROPEAN CONSUMABLES:

Thread Protector

A



STOCK CODE	TIP SIZE
LNE4502	M8/M10

Contact Tips

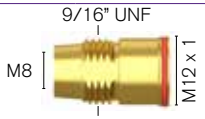
B



STOCK CODE	WIRE SIZE
LNE4014-10	1.0mm (.040")
LNE4014-12	1.2mm (.045")
LNE4014-14	1.4mm (.055")
LNE4014-16	1.6mm (1/16")
LNE4014-20	2.0mm (5/64")
LNE4014-24	2.4mm (3/32")

Tip Adaptor

C



STOCK CODE	TIP SIZE
LNE4508	M8

Swan Neck

D



STOCK CODE	LENGTH	ANGLE
LNE45925	9"	25°

PRO-FC SWAN NECK

EUROPEAN SPECIFICATION:

Swan Neck



STOCK CODE	LENGTH	ANGLE
LNE45925	9"	25°

*** Denotes standard build**

MIG TORCH END CONNECTOR OPTIONS

Our MIG torches come with a euro connection as standard. If you require a different connection for your torch, simply update the torch part number when ordering.

With any MIG air cooled torch from any MIG torch range, change the last letter from 'E' (for the Euro fitting) to one of the power pin stock code letters.

Example - For a Tweco® termination XP8 300A the standard Euro terminated torch package stock code changes from XP300A-40E to XP300A-40T.

T



H



LS



N



M



STOCK CODE		MACHINE TYPE
T	COMPATIBLE WITH	Tweco®
M	COMPATIBLE WITH	Miller®
N	COMPATIBLE WITH	NAS (Lincoln® Std)
LS	COMPATIBLE WITH	Lincoln Electric® SP
H	COMPATIBLE WITH	Hobart®

Miller®, Tweco®, Hobart®, Lincoln Electric®, Hobart® trademarks are the property of their respective owners, and usage is to confirm compatability only.
These products are not endorsed by the original manufacturer.

MODULAR POWER PIN TORCH CONVERSION KIT

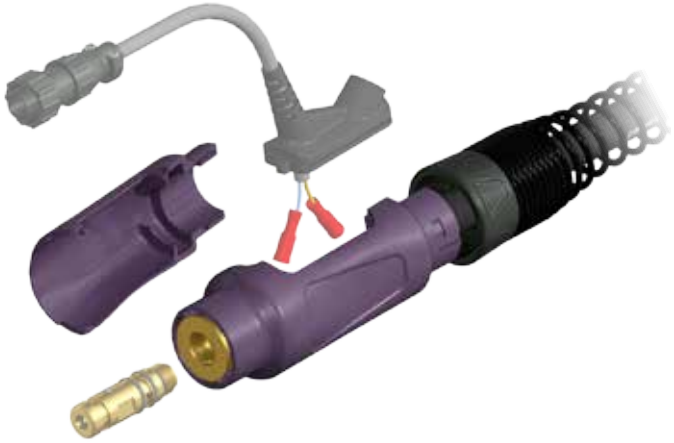
FEATURES AND BENEFITS

The modular power pins can easily be changed over enabling a torch to be used more flexibly on a wide range of American type MIG power sources.

A modular adaptor body replaces the Euro plug. Torches can be supplied converted or a conversion kit is available to change an existing Euro fitting torch to the modular power pin system.

A wide range of power pin kits are available, made for each torch range to suit the liner fitting. A pin kit consists of a power pin complete with a switch lead assembly.

The chosen modular pin is screwed into the adaptor body, the switch lead assembly installed to the torch housing and terminals connected.



Kit Ordering Guide

To order a replacement/alternative pin and switch lead kit, follow the part number key shown below.

The example is for a Tweco® pin termination kit for an XP8 air cooled torch already fitted with a modular pin adaptor body, the number will be as shown.

TW 2022 MK

1. PIN/MACHINE TYPE	
STOCK CODE	MACHINE TYPE
TW	Tweco® No.4
ML	Miller®
NS	NAS®
LS	Lincoln Electric® SP
HB	Hobart®

2. TORCH RANGE	
STOCK CODE	RANGE
2022	XP8
1528	BZL
1575	TWC
5060	BND
414	TRG
6028	PRO-FC

3. KIT TYPE	
STOCK CODE	DESCRIPTION
MK	Modular Kit

MODULAR ADAPTOR BODY KITS*

RANGE	STOCK CODE	DESCRIPTION
XP8	XP2022A	Adaptor Body
BZL, PRO-FC 350A	BZL1528AK	Adaptor Body c/w M10 Connector
TWC	XP2022A	Adaptor Body
BND	BND5060AK	Adaptor Body c/w 1/4" NPT Connector
TRG	TRG414AK	Adaptor Body c/w 9/16" UNF Connector
PRO FC 450A	LNE450AK	Adaptor Body c/w M14 Connector

*Required if your torch is not already fitted with a modular power pin.



Miller®, Tweco®, Hobart®, Lincoln Electric®, Hobart® trademarks are the property of their respective owners, and usage is to confirm compatability only. These products are not endorsed by the original manufacturer.

HIGH TEMP PVC COPPER CABLE



APPLICATIONS

Fire Performance EN 60332/1

RoHS Compliant

Super Flexible

TECHNICAL SPECIFICATION	
OPERATING TEMPERATURE	-30°C – +70°C Fixed Installation + 5°C – 70°C Mobile Installation
RATED VOLTAGE	450 / 750V, 600 / 1000V Fixed and Protected Installation
MAX SHORT CIRCUIT TEMPERATURE	160°C on the conductor (maximum duration 5 seconds)
MINIMUM BENDING RADIUS	Fixed installation: 4 x outer diameter

STOCK CODE	SIZE	CONDUCTOR	INSULATION THICKNESS	NOMINAL CURRENT RATING	OUTER DIAMETER	MAX CONDUCTOR RESIST AT 20°C	CABLE WEIGHT	COIL WEIGHT
16MMCC	16mm²	168 x 0.3mm	1.4mm	110 Amps	8.4mm	1.31 Ohms/km	200 kg/km	7.8kg
25MMCC	25mm²	324 x 0.3mm	1.5mm	170 Amps	10.5mm	.850 Ohms/km	300 kg/km	11.7kg
35MMCC	35mm²	1078 x 0.2mm	1.7mm	240 Amps	12.0mm	.595 Ohms/km	410 kg/km	14.9kg
50MMCC	50mm²	532 x 0.3mm	1.7mm	345 Amps	12.75mm	.419 Ohms/km	565 kg/km	17.2kg
70MMCC	70mm²	770 x 0.3mm	1.9mm	485 Amps	15.6mm	.297 Ohms/km	780 kg/km	9.6kg

SIROCCO CUTTING AND WELDING HOSES

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 3821.
- Hose burst pressure tested to 60 Bar.



HOSE, LINER MATERIAL AND SHEATH

HOSE

Blue Reinforced PVC Hose



STOCK CODE	BORE	OUTER DIAMETER
B5012B	5mm (3/16")	8mm (5/16")

Red Reinforced PVC Hose



STOCK CODE	BORE	OUTER DIAMETER
B5012R	5mm (3/16")	8mm (5/16")

Blue Rubber Overbraid Hose



STOCK CODE	BORE	OUTER DIAMETER
B5012OBB	5mm (3/16")	8.5mm (.33")

Red Rubber Overbraid Hose



STOCK CODE	BORE	OUTER DIAMETER
B5012OBR	5mm (3/16")	8.5mm (.33")

Black Reinforced PVC Hose



STOCK CODE	BORE	OUTER DIAMETER
4X1.2MM	4mm (5/32")	6.4mm (.25")
5X1.2MM	5mm (3/16")	7.4mm (.030")

Argon Nylon Braided Hose



STOCK CODE	BORE	OUTER DIAMETER
7606-A	6mm (1/4")	10mm (3/8")
7610-A	10mm (3/8")	13mm (1/2")

LINER MATERIAL

Teflon Liner



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B1536B	1.5mm (.06")	4.0mm (5/32")	0.6-0.9mm (.023-.035")



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B2513	2.1mm (5/64")	3.9mm (.15")	1.0-1.2mm (.040-.045")



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B3626	2.8mm (.11")	4.6mm (.18")	1.2-1.6mm (.045-1/16")

Carbon Teflon Liner



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B2554	2.0mm (5/64")	4.0mm (5/32")	1.0 -1.2mm (040-.045")



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B3554	2.7mm (.10")	4.7mm (.19")	1.2-1.6mm (.045-1/16")

Polyamide Liner



STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B1564P	2.0mm (5/64")	4.0mm (5/32")	0.8-1.2mm (.030"-.045")
B2564P	2.3mm (.09")	4.7mm (.19")	1.2-1.6mm (.045-1/16")
B3564P	2.9mm (.11")	4.7mm (.19")	1.6-2.0mm (1/16-5/64")

SHEATH

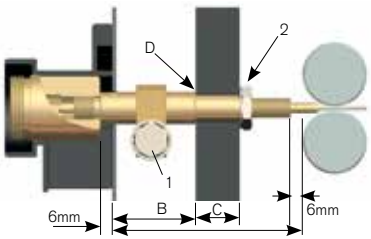
Rubberised Canvas Cover Plain



STOCK CODE	BORE	WALL THICKNESS
B5019	25mm (.98")	1.5mm (.06")
B6019	28mm (1.10")	1.5mm (.06")

MACHINE CONVERSION KITS

Special guide tubes can be manufactured to your specification. For a quotation please contact the sales office with the information detailed in A to E.



Required Information	
A	Distance from Face Plate to Drive Rolls
B	Distance from Face Plate to Feed Box
C	Gearbox Width
D	Diameter of Hole in Feed Box
E	Method of Power Current Pick Up (i.e. Current Clamp (1) or Locknut (2))



STOCK CODE	DESCRIPTION
B7002	Plastic Flange



STOCK CODE	DESCRIPTION
B7017	Current Clamp

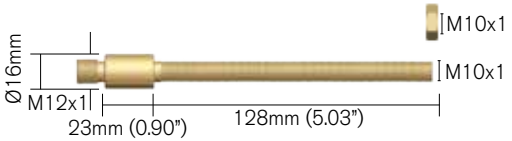


STOCK CODE	DESCRIPTION
B7002S	Square Plastic Flange

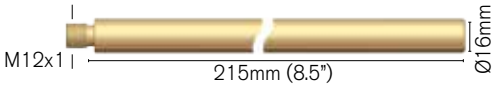


STOCK CODE	DESCRIPTION
1 B7001	Standard Connection Block
2 B7001S	Side Entry Connection Block
3 FEMALESOCKET	Lead with female connector

WIRE GUIDE TUBES



STOCK CODE	DESCRIPTION
B7030	Universal Guide Tube
B1505	Locknut to Suit
B1000 (NI)	Conversion Kit c/w Wire Guide Tube, Euroblock, Plastic Flange and Current Clamp

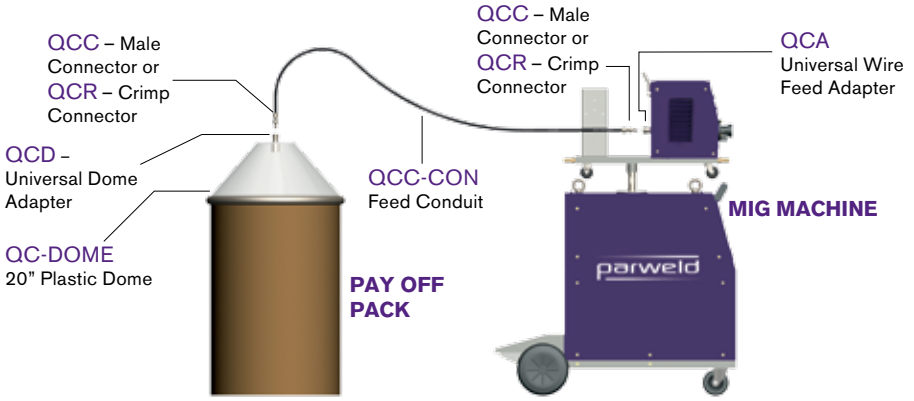


STOCK CODE	DESCRIPTION
B7048	Machined to your Dimensions Custom Wire Guide Tube
B1007 (NI)	Conversion Kit c/w Wire Guide Tube, Euroblock, Plastic Flange and Current Clamp



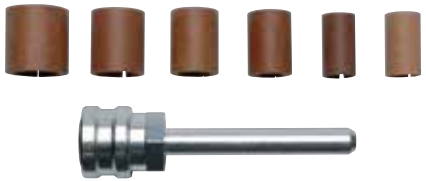
	STOCK CODE	DESCRIPTION	SIZE	LENGTH
A	B7090	Inlet Guide	0.8-1.2mm (.030"-0.45")	96mm (3.80")
	B7091	Inlet Guide	0.8-1.2mm (.030"-0.45")	120mm (4.72")
	B7092	Inlet Guide	0.8-1.2mm (.030"-0.45")	150mm (5.90")
	B7093	Inlet Guide	0.8-1.2mm (.030"-0.45")	180mm (7.09")
	B7094	Inlet Guide	0.8-1.2mm (.030"-0.45")	240mm (9.45")
	B7095	Inlet Guide	0.8-1.2mm (.030"-0.45")	300mm (11.80")
B	B7096	Inlet Guide	1.6-2.4mm (1/16"-3.32")	150mm (5.90")
	B7097	Inlet Guide	1.6-2.4mm (1/16"-3.32")	300mm (11.80")

BULK PACK FEED CONDUIT



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 if MIG feeders.
Female socket accepts QCC connector

FITTINGS

Supplied with a complete range of bushings.

Speak to Sales to Order a Custom-length Conduit.

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.

QCC CONDUIT

STOCK CODE	DESCRIPTION
QCC-CON	Feed Conduit Only (per meter) 27m Coil Length



FEATURES

High tensile spiral wound inner.
Superior kink resistant.
Rubber insulating cover.

FITTINGS

5mm (0.198") Inner diameter
12.7mm (0.50"). Outer diameter
Solid wire up to 2.4mm (3/32").
Corded wire up to 2mm (5/64").

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.
Supplied complete with washers and a wear resistant steel guide.

QC DOME

STOCK CODE	DESCRIPTION
QC-DOME	QC Dome 508mm (20")

FEATURES

Inspection Flap

TIG CONSUMABLES

Parweld offers a comprehensive TIG consumable range, manufactured to the highest specifications, for a competitive price, whilst ensuring a consistent and durable high quality weld.

TIG CONSUMABLES 154

CONSUMABLES PRO/ECO/WP9, 20, 25 155-156

CONSUMABLES PRO/ECO/WP17, 18, 26 157-159

GAS SAVER CONSUMABLES 160-161

PRO SWIVEL NECK TORCHES..... 162

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EDGE LAMINAR FLOW SERIES 167

EDGE SHORTY SERIES.....168-169

EDGE LARGE SERIES CUPS.....170-171

CONSISTENT DURABILITY

CONSUMABLES PRO/WP9, 20, 25

STANDARD CONSUMABLES

Standard Ceramic Cups



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

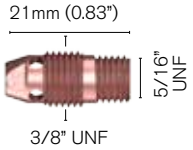


796F74	3XL	5mm (3/16")



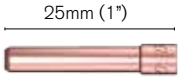
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Collets



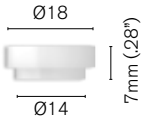
STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Wedge Collets



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

Insulator



STOCK CODE	DESCRIPTION
598882	Cup Gasket

NEW GAS SAVER RANGE
See pages 160 for more information.

CONSUMABLES PRO/WP9, 20, 25

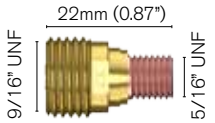
GAS LENS CONSUMABLES

Gas Lens Cups



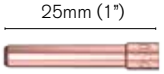
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/8")

Collets



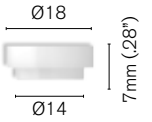
STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Wedge Collets



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

Insulator



STOCK CODE	DESCRIPTION
598882	Cup Gasket

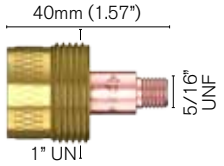
LARGE DIAMETER GAS LENS CONSUMABLES

Large Diameter Gas Lens Cups



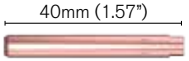
STOCK CODE	SIZE	BORE
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Large Diameter Gas Lens Bodies



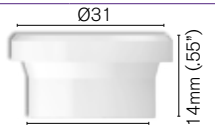
STOCK CODE	ELECTRODE SIZE
45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Large Diameter Collets



STOCK CODE	ELECTRODE SIZE
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

Insulator



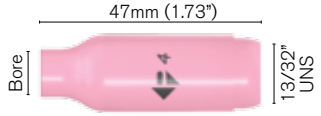
STOCK CODE	DESCRIPTION
54N63-20	Large Diameter Gas Lens

NEW GAS SAVER RANGE
See pages 160 for more information.

CONSUMABLES PRO/WP17, 18, 26

STANDARD CONSUMABLES

Standard Ceramic Cups



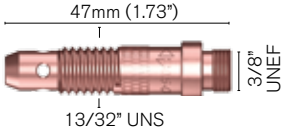
STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups



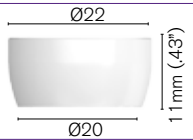
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Collet Bodies



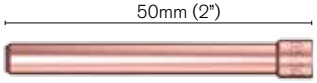
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Insulator



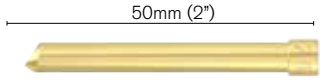
STOCK CODE	DESCRIPTION
18CG	Cup Gasket

Collets



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Wedge Collets



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

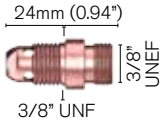
STUBBY CONSUMABLES

Stubby Ceramic Cups



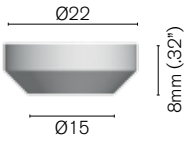
STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Stubby Collet Body



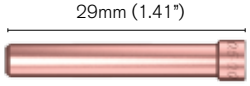
STOCK CODE	ELECTRODE SIZE
17CB20	0.5-3.2mm (.020-1/8")

Insulator



STOCK CODE	DESCRIPTION
18CG20	Stubby Cup Gasket

Stubby Collets



STOCK CODE	ELECTRODE SIZE
10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

Stubby Wedge Collets



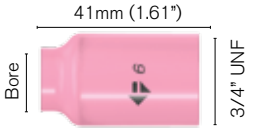
10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

NEW GAS SAVER RANGE
See pages 160 for more information.

CONSUMABLES PRO/WP17, 18, 26

GAS LENS CONSUMABLES

Gas Lens Cups



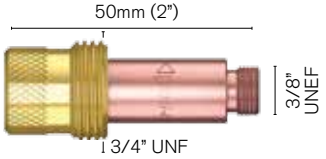
STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups



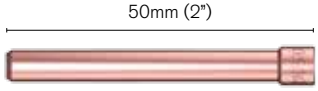
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Gas Lens Bodies



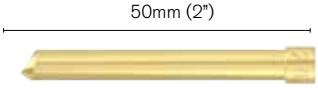
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Collets



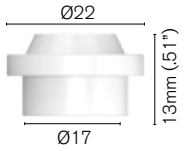
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Wedge Collets

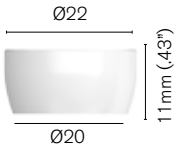


10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Insulator



STOCK CODE	DESCRIPTION
54N01	Gas Lens (Use with 18CG)



18CG	Cup Gasket

NEW GAS SAVER RANGE
See pages 160 for more information.

CONSUMABLES PRO/WP17, 18, 26

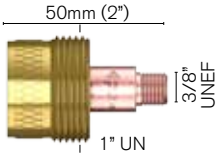
LARGE DIAMETER GAS LENS CONSUMABLES

Large Diameter Gas Lens Cups



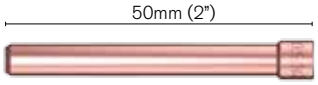
STOCK CODE	SIZE	BORE
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Large Diameter Gas Lens Bodies



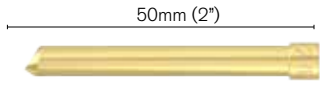
STOCK CODE	ELECTRODE SIZE
45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")
45V63	4.0mm (5/32")

Collets



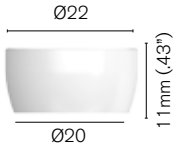
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Wedge Collets



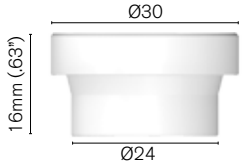
STOCK CODE	ELECTRODE SIZE
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Insulator



STOCK CODE	DESCRIPTION
18CG	Cup Gasket

Insulator



STOCK CODE	DESCRIPTION
54N63	Large Gas Lens (Use with 18CG)

BACK CAPS

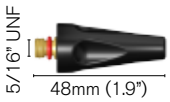
PRO/WP9, 20

Short Back Caps



STOCK CODE
41V33

Medium Back Caps



STOCK CODE
41V35

Long Back Caps



STOCK CODE
41V24

PRO/WP17, 18, 26

Short Back Caps



STOCK CODE
57Y04

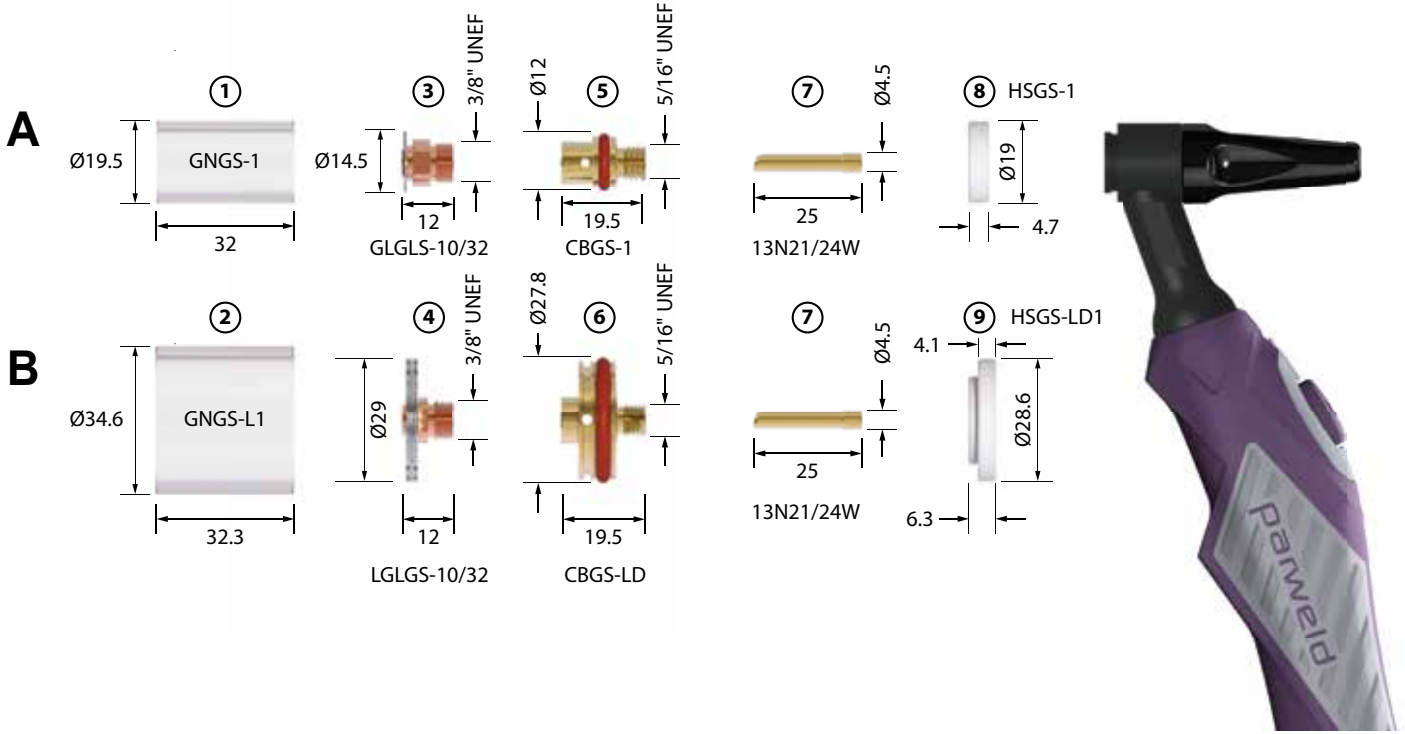
Long Back Caps



STOCK CODE
57Y02

GAS SAVER CONSUMABLES

PRO/WP9, 20, 25



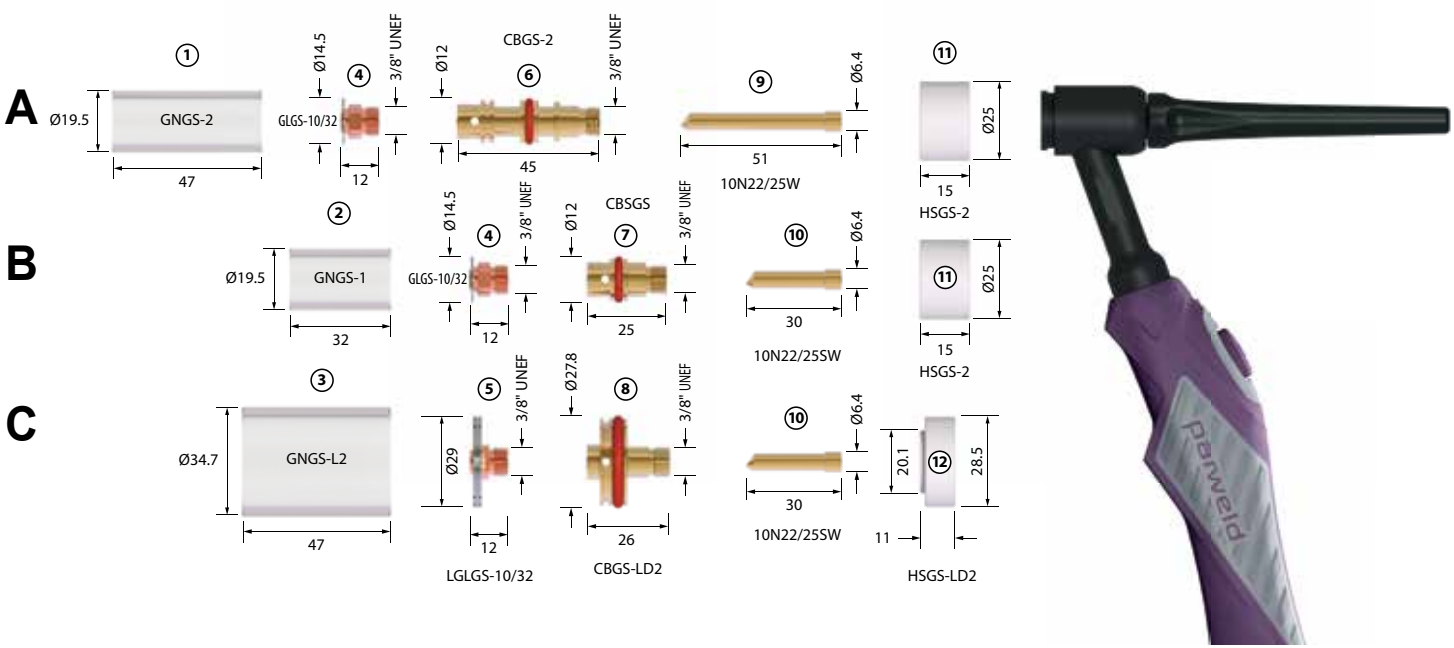
	STOCK CODE	DESCRIPTION
1	GNGS-1	Standard Glass Nozzle (Stubby)
2	GNGS-L1	Large Glass Nozzle
3	GLGS-10	Front Gauze Standard 1.0mm
	GLGS-16	Front Gauze Standard 1.6mm
	GLGS-24	Front Gauze Standard 2.4mm
	GLGS-32	Front Gauze Standard 3.2mm
4	LGLGS-10	Front Gauze Large 1.0mm
	LGLGS-16	Front Gauze Large 1.6mm
	LGLGS-24	Front Gauze Large 2.4mm

	STOCK CODE	DESCRIPTION
4	LGLGS-32	Front Gauze Large 3.2mm
5	CBGS-1	Holder Gauze
6	CBGS-LD	Holder Gauze Large
7	13N21W	Wedge Collet 1.0mm
	13N22W	Wedge Collet 1.6mm
	13N23W	Wedge Collet 2.4mm
	13N24W	Wedge Collet 3.2mm
8	HSGS-1	Heat Shield Standard
9	HSGS-LD1	Heat Shield Large Diameter

	STOCK CODE	DESCRIPTION
	GAS SAVER KITS	
A	GSK 9/20STD	Standard Gas Saver Kit
	GSK 9/20STD/1.0	1.0mm Standard Gas Saver Kit
	GSK 9/20STD/1.6	1.6mm Standard Gas Saver Kit
	GSK 9/20STD/2.4	2.4mm Standard Gas Saver Kit
	GSK 9/20STD/3.2	3.2mm Standard Gas Saver Kit
B	GSK 9/20LRG	Large Gas Saver Kit
	GSK 9/20LRG/1.0	1.0mm Large Gas Saver Kit
	GSK 9/20LRG/1.6	1.6mm Large Gas Saver Kit
	GSK 9/20LRG/2.4	2.4mm Large Gas Saver Kit

GAS SAVER CONSUMABLES

PRO/WP17, 18, 26



	STOCK CODE	DESCRIPTION
1	GNGS-2	Standard Glass Nozzle
2	GNGS-1	Standard Glass Nozzle (Stubby)
3	GNGS-L2	Large Glass Nozzle
4	GLGS-10	Front Gauze Standard 1.0mm
	GLGS-16	Front Gauze Standard 1.6mm
	GLGS-24	Front Gauze Standard 2.4mm
	GLGS-32	Front Gauze Standard 3.2mm
5	LGLGS-10	Front Gauze Large 1.0mm
	LGLGS-16	Front Gauze Large 1.6mm
	LGLGS-24	Front Gauze Large 2.4mm
	LGLGS-32	Front Gauze Large 3.2mm
6	CBGS-2	Holder Gauze Standard

	STOCK CODE	DESCRIPTION
7	CBSGS	Holder Gauze Stubby
8	CBGS-LD2	Holder Large
9	10N22W	Wedge Collet 1.0mm
	10N23W	Wedge Collet 1.6mm
	10N24W	Wedge Collet 2.4mm
	10N25W	Wedge Collet 3.2mm
10	10N22SW	Stubby Wedge Collet 1.0mm
	10N23SW	Stubby Wedge Collet 1.6mm
	10N24SW	Stubby Wedge Collet 2.4mm
	10N25SW	Stubby Wedge Collet 3.2mm
11	HSGS-2	Heat Shield Standard
12	HSGS-LD2	Heat Shield Large Diameter

	STOCK CODE	DESCRIPTION
	GAS SAVER KITS	
A	GSK 17/18/26STD	Standard Gas Saver Kit
	GSK 17/18/26STD/1.6	1.6mm Standard Gas Saver Kit
	GSK 17/18/26STD/2.4	2.4mm Standard Gas Saver Kit
	GSK 17/18/26STD/3.2	3.2mm Standard Gas Saver Kit
B	GSK 17/18/26STB	Stubby Gas Saver Kit
	GSK 17/18/26STB/1.6	1.6mm Stubby Gas Saver Kit
	GSK 17/18/26STB/2.4	2.4mm Stubby Gas Saver Kit
	GSK 17/18/26STB/3.2	3.2mm Stubby Gas Saver Kit
C	GSK 17/18/26LRG	Large Gas Saver Kit
	GSK 17/18/26LRG/1.6	1.6mm Large Gas Saver Kit
	GSK 17/18/26LRG/2.4	2.4mm Large Gas Saver Kit
	GSK 17/18/26LRG/3.2	3.2mm Large Gas Saver Kit

PRO SWIVEL NECK TORCHES

Swivel torch head options give greater access to difficult welding positions.

CONFIGURE YOUR PART NUMBERS

PRO175-90-A 12S1BG

Order the rest of the torch as outlined on page 183.

1. TORCH HEAD

CODE	REFERENCE	DESCRIPTION
175-90	4276290	17-26 Head
95-90	4276300	9-20 Head

2. NECK

CODE	REFERENCE	DESCRIPTION
W	4276550	Angled Neck Water
A	4276530	Angled Neck Air



4276290



4276300

1.

2.



4276550
(WATER)

4276530
(AIR)



PIPE WALKER CERAMIC CUP CONSUMABLES

Pipe Walker Ceramic Cups

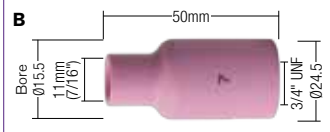
A



STOCK CODE	SIZE	BORE
54N14PW	8	13mm (1/2")

Pipe Walker Ceramic Cups

B



STOCK CODE	SIZE	BORE
54N15PW	7	11mm (7/16")

Pipe Walker Ceramic Cups

C



STOCK CODE	SIZE	BORE
54N16PW	6	10mm (3/8")

Pipe Walker Ceramic Cups

D



STOCK CODE	SIZE	BORE
54N17PW	5	8mm (5/16")

THE PIPE WALKER CERAMIC CUP ARE USED INSTEAD OF A STANDARD CERAMIC TIG CUP. THE PIPE WALKER CERAMIC CUP IS RESTED ON THE OUTSIDE OR ON A FLAT SURFACE. SO IT CAN BE ROTATED BACK AND FORTH WITH VERY LIGHT PRESSURE ON THE CUP WITH EASE.

SOLD IN PACKS OF 10

PARWELD TV
See Pipe Walker Ceramic Cups in action on Parweld TV













GIVE YOUR WELDING THE PARWELD EDGE





The Parweld Edge range of cups significantly improves quality and weld visibility through high-performance glass cups with extensive development and testing to provide outstanding gas coverage, without resorting to heavy and oversized gas lenses.

LAMINAR FLOW SERIES

The Laminar flow series exceeds what is possible with standard cup and gas lens combinations by improving gas coverage. This allows longer stick outs alongside reduction in the gas flow rates without compromising gas coverage. Creating perfect rainbow finishes to your welds.

SHORTY

Ideal for where space is restricted the shorty cups increase accessibility but still delivers significant improvements over a standard ceramic combination.

QUARTZ

Perfect for heavy-duty applications Quartz cups handle the heat much better making them ideal for tough DC applications and AC welding.

TITANIUM KITS

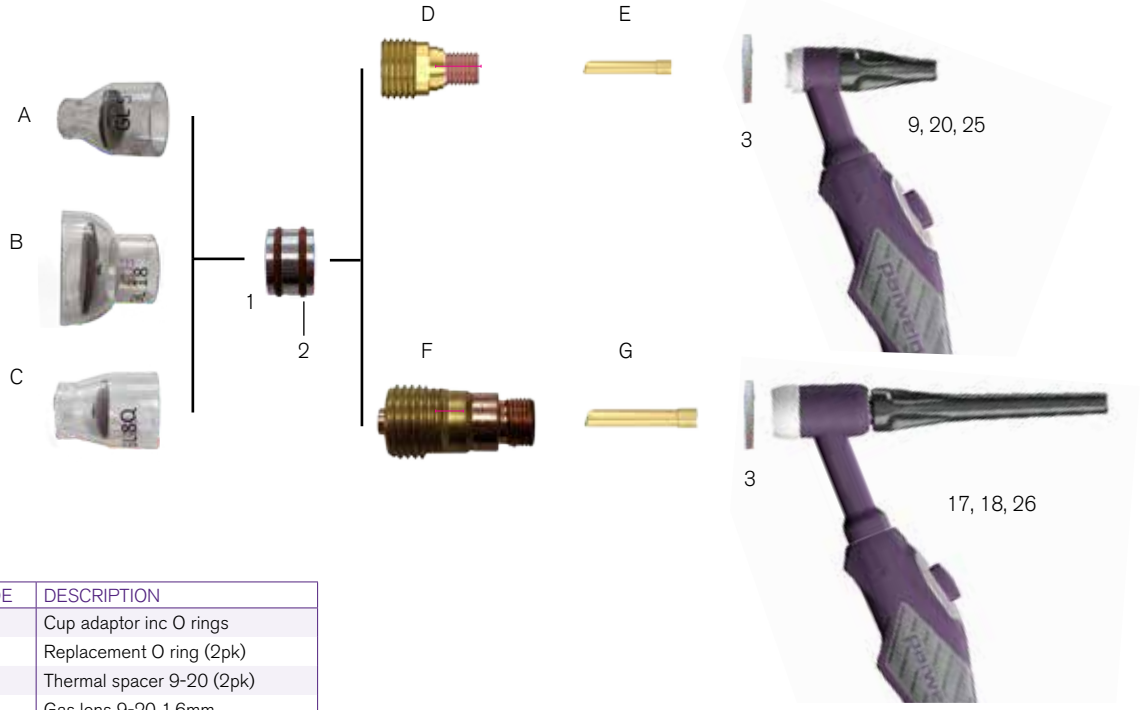
Forget trailing shields our new Titanium kits will give the gas coverage you need and reduces gas consumption, eliminating the need to use trailing shields in many applications. Available in 36.5 and 47.5mm bore they will place the gas where you need it.

NOT SURE WHAT SIZE

If you are not sure what size is going to work best for you, try one of our loaded cases complete with everything you need to get going and a selection of cup sizes to try. Our starter kits include a cup adaptor and heat shield to fit onto your existing gas lens. If it is a replacement cup you are after, all our cups come complete with the diffuser fitted. Select the cup bore and tungsten size you require from the following tables on the next pages.

EDGE STANDARD CUPS LAMINAR FLOW, SHORTY AND QUARTZ

PRO/WP9, 20, 25, PRO/WP17, 18, 26 (17, 18, 26 USE WITH STUBBY GAS LENS)



REF	STOCK CODE	DESCRIPTION
1	GL-A	Cup adaptor inc O rings
2	GL-OR	Replacement O ring (2pk)
3	CB920-TS	Thermal spacer 9-20 (2pk)
D	45V43	Gas lens 9-20 1.6mm
	45V44	Gas lens 9-20 2.4mm
E	13N22W	Wedge Collet 1.6mm
	13N23W	Wedge Collet 2.4mm
F	H/45V43	Stubby Gas Lens1.6mm
	H/45V44	Stubby Gas Lens 2.4mm
G	10N23SW	Stubby Wedge Collet 1.6mm
	10N24SW	Stubby Wedge Collet 2.4mm

EDGE STANDARD CUPS LAMINAR FLOW, SHORTY AND QUARTZ

PRO/WP9, 20, 25, PRO/WP17, 18, 26 (17, 18, 26 USE WITH STUBBY GAS LENS)

STARTER KITS

Note:- a torch must be fitted with the gas lens detailed on the previous page for the kit to work.

STOCK CODE	APPLICATION	DESCRIPTION
GL-P6DKIT116LF	DC 1.6mm	LAMINAR FLOW STARTER KIT GL920 adaptor, thermal spacer, 2 x #6 (9.5mm) Laminar Flow cups with EDGE Diffuser suits 1.6mm (1/16") Tungsten
GL-P8DKIT332LF	DC 2.4mm	LAMINAR FLOW STARTER KIT GL920 adaptor, thermal spacer, 2 x #8 (13mm) Laminar Flow cups with EDGE Diffuser suits 2.4mm (3/32") Tungsten
GL-P23DSET116	Titanium 2.4mm	TITANIUM STARTER KIT #23 (36.5mm) cup with gas lens, collet heat-shield and diffuser for 1.6MM (1/16") Tungsten
GL-Q7DKIT116LF	AC/DC 1.6mm	QUARTZ LAMINAR FLOW STARTER KIT GL920 Adaptor Thermal spacer 2 x #7 (11mm) Quartz cups with diffuser suits 1.6mm (1/16") Tungsten
GL-Q8DKIT332	AC/DC 2.4mm	QUARTZ STARTER KIT GL920 Adaptor Thermal spacer 2 x #8 (13mm) Quartz cups with diffuser suits 2.4mm (3/32") Tungsten



EXAMPLE LOADED CASE

LOADED CASES

Note:- a torch must be fitted with the gas lens detailed on the previous page for the set to work.

STOCK CODE	APPLICATION	DESCRIPTION
GL-5SET116LF	DC 1.6mm	Boxed set, adaptor, thermal spacer x 2, 5 x Laminar Flow cups 8.0, 9.5, 11.0, 12.7, 16.0mm Bore with Diffuser, Gas lens and collet 1.6mm (1/16")
GL-5SET332LF	DC 2.4mm	Boxed set, adaptor, thermal spacer x 2, 5 x Laminar Flow cups 8.0, 9.5, 11.0, 12.7, 16.0mm Bore with Diffuser, Gas lens and collet 2.4mm (3/32")
GL-9SET116332LF	DC 1.6, 2.4mm	Boxed set, adaptor, thermal spacer x 2, 9 x Laminar Flow cups 8.0, 9.5, 11.0, 12.7mm for 1.6mm, 8.0, 9.5, 11.0, 12.7, 16.0mm Bore for 2.4mm inc Gas lens and collet
GL-5SET116S	DC 1.6mm	Boxed set, adaptor, thermal spacer x 2, 5 x Shorty cups 16.0, 19.6, 24.0, 28.5, 33.0mm Bore with Diffuser, Gas lens and collet 1.6mm (1/16")
GL-5SET332S	DC 2.4mm	Boxed set, adaptor, thermal spacer x 2, 5 x Shorty cups 16.0, 19.6, 24.0, 28.5, 33.0mm Bore with Diffuser, Gas lens and collet 2.4mm (3/32")
GL-5SET116Q	AC/DC 1.6mm	Boxed set, adaptor thermal spacer x 2, 5 x Quartz cups 8.0, 9.5, 11.0, 12.7, 16.0mm Bore with Diffuser, Gas lens and collet 1.6mm (1/16")
GL-5SET332Q	AC/DC 2.4mm	Boxed set, adaptor thermal spacer x 2, 5 x Quartz cups 9.5, 11.0, 12.7, 16.0, 19.0mm Bore with Diffuser, Gas lens and collet 2.4mm (3/32")

EDGE LAMINAR FLOW SERIES

Unique design with enhanced profile and built in diffuser, provides turbulence free laminar flow with exceptional gas coverage for DC TIG welding. Up to 75mm tungsten projection is possible.

Each cup is hand-made in the USA, from laboratory-grade borosilicate glass and oven annealed to ensure the life of the cup is maximised.

All cups are labelled for ease of identification and include stainless steel diffuser.

Max DC rating is 180A, unless using pulse, then the max current can be higher. For AC welding only use #10 or #12 cups and low duty cycle.

REF	STOCK CODE	DESCRIPTION	TUNGSTEN SIZE	CUP BORE	CUP LENGTH
A	GL-P4D116LF	GLASS CUP 6.4mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#4 Bore, 6.4mm	30MM
	GL-P5D116LF	GLASS CUP 8.0mm bore, for 1.6mm tungsten with diffuser	1.6mm (1/16")	#5 Bore, 8.0mm	30MM
	GL-P6D116LF	GLASS CUP 9.5mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#6 Bore, 9.5mm	30MM
	GL-P7D116LF	GLASS CUP 11mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#7 Bore, 11mm	30MM
	GL-P8D116LF	GLASS CUP 12.7mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#8 Bore, 12.7mm	30MM
	GL-P10D116LF	GLASS CUP 16mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#10 Bore, 16mm	30MM
	GL-P5D332LF	GLASS CUP 8.0mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#5 Bore, 8.0mm	30MM
	GL-P6D332LF	GLASS CUP 9.5mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#6 Bore, 9.5mm	30MM
	GL-P7D332LF	GLASS CUP 11mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#7 Bore, 11mm	30MM
	GL-P8D332LF	GLASS CUP 12.7mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#8 Bore, 12.7mm	30MM
	GL-P10D332LF	GLASS CUP 16mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#10 Bore, 16mm	30MM



EDGE SHORTY SERIES

These oversized cups are designed for outstanding gas coverage for DC TIG welding. The shorter cup allows enhanced control of the torch and improved access without compromising gas coverage. Each cup is hand-made in the USA, from laboratory-grade borosilicate glass and oven annealed to ensure the life of the cup is maximised.

All cups are labelled for ease of identification and include stainless steel diffuser

Max DC rating is 180A, unless using pulse, for AC welding only use for low duty. Cup walking will shorten the life of the cups. Do not exceed 90A with 1.6mm or diffuser damage may occur.

REF	STOCK CODE	DESCRIPTION	TUNGSTEN SIZE	CUP BORE	CUP LENGTH
B	GL-P10SD116	SHORT GLASS CUP 16mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#10 Bore, 16mm	23MM
	GL-P12SD116	SHORT GLASS CUP 19.6mm bore, for 1.6mm tungsten with diffuser	1.6mm (1/16")	#12 Bore, 19.6mm	30MM
	GL-P15SD116	SHORT GLASS CUP 24mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#15 Bore, 24mm	30MM
	GL-P18SD116	SHORT GLASS CUP 28.5mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#18 Bore, 28.5mm	30MM
	GL-P21SD116	SHORT GLASS CUP 33mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#21 Bore, 33mm	30MM
	GL-P10SD332	SHORT GLASS CUP 16.0mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#10 Bore, 16mm	30MM
	GL-P12SD332	SHORT GLASS CUP 19.6mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#12 Bore, 19.6mm	30MM
	GL-P15SD332	SHORT GLASS CUP 24mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#15 Bore, 24mm	30MM
	GL-P18SD332	SHORT GLASS CUP 28.5mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#18 Bore, 28.5mm	30MM
	GL-P21SD332	SHORT GLASS CUP 33mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#21 Bore, 33mm	30MM



EDGE QUARTZ SERIES

These cups are designed for improved performance in high heat applications for AC and DC TIG welding. Each cup is hand-made in the USA, from Quartz glass which out performs borosilicate glass type cups.

All cups are labelled for ease of identification and include stainless steel diffuser.

Max rating is 350A DC, 270A AC cup walking and extended welding periods will shorten the life of the cup. Do not exceed 90A with 1.6mm or diffuser damage may occur.

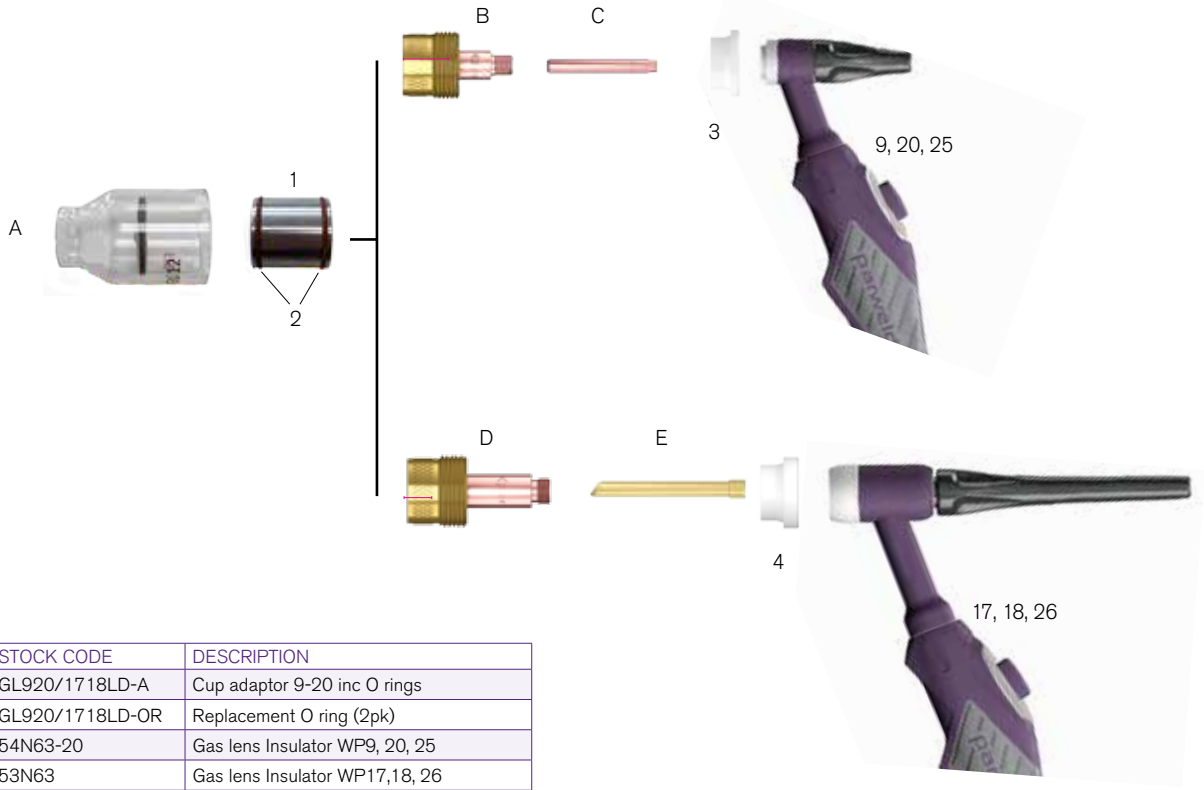
REF	STOCK CODE	DESCRIPTION	TUNGSTEN SIZE	CUP BORE	CUP LENGTH
A	GL-Q5D116LF	QUARTZ CUP 8.0mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#5 Bore, 8.0mm	30MM
	GL-Q6D116LF	QUARTZ CUP 9.5mm bore, for 1.6mm tungsten with diffuser	1.6mm (1/16")	#6 Bore, 9.5mm	30MM
	GL-Q7D116LF	QUARTZ CUP 11mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#7 Bore, 11mm	30MM
	GL-Q8D116LF	QUARTZ CUP 12.7mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#8 Bore, 12.7mm	30MM
	GL-Q10D116LF	QUARTZ CUP 16mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#10 Bore, 16mm	30MM
	GL-Q12D116	QUARTZ CUP 19mm bore, for 1.6 mm tungsten with diffuser	1.6mm (1/16")	#12 Bore, 19mm	30MM
	GL-Q12SD116	SHORT QUARTZ CUP 19mm bore, for 1.6mm tungsten with diffuser	1.6mm (1/16")	#12 Bore, 19mm	24MM
	GL-Q8D332LF	QUARTZ CUP 12.7mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#8 Bore, 12.7mm	30MM
	GL-Q10D332LF	QUARTZ CUP 16mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#10 Bore, 16mm	36MM
	GL-Q12D332	QUARTZ CUP 19mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#12 Bore, 19mm	36MM
	GL-Q12SD332	SHORT QUARTZ CUP 19mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#12 Bore, 19mm	24MM

Note:- LF Denotes laminar flow performance with that model allowing extended tungsten stick out.



EDGE LARGE SERIES CUPS

PRO/WP9, 20, 25, PRO/WP17, 18, 26



REF	STOCK CODE	DESCRIPTION
1	GL920/1718LD-A	Cup adaptor 9-20 inc O rings
2	GL920/1718LD-OR	Replacement O ring (2pk)
3	54N63-20	Gas lens Insulator WP9, 20, 25
4	53N63	Gas lens Insulator WP17,18, 26
B	45V116S	Large Gas lens 9-20 1.6mm
	45V64S	Large Gas lens 9-20 2.4mm
C	13N22L	Collet for LD lens 1.6mm
	13N23L	Collet for LD lens 2.4mm
D	45V116	Large Gas lens 17, 18, 26 1.6mm
	45V64	Large Gas lens 17, 18, 26 2.4mm
	995795	Large Gas lens 17, 18, 26 3.2mm
E	10N23W	Wedge Collet 1.6mm
	10N24W	Wedge Collet 2.4mm
	10N25W	Wedge Collet 3.2mm

EDGE LARGE SERIES CUPS

PRO/WP9, 20, 25, PRO/WP17, 18, 26

STARTER KITS

Note:- a torch must be fitted with the gas lens detailed on the previous page for the kit to be used (except GL920LD)

STOCK CODE	APPLICATION	DESCRIPTION
GL920/1718LD-P10DKIT116	DC 1.6mm	LARGE DIAMETER STARTER KIT GL920/1718 adaptor, 2 #10 (16mm) cups with Diffuser suits 1.6mm (1/16") tungsten
GL920/1718LD-P12DKIT332	DC 2.4mm	LARGE DIAMETER STARTER KIT GL920/1718 adaptor, 2 #12 (19mm) cups with Diffuser suits 2.4mm (3/32") tungsten
GL920/1718LD-P15DKIT18	DC 3.2mm	LARGE DIAMETER STARTER KIT GL920/1718 adaptor, 2 #15 (24mm) cups with Diffuser suits 3.2mm (1/8") tungsten
GL920LD-P30DSET332	Titanium	TITANIUM STARTER KIT #30 (47.5mm) cup with gas lens, collet heat-shield and diffuser for 2.4MM (3/32") Tungsten



EXAMPLE LOADED CASE

LOADED CASES

STOCK CODE	APPLICATION	DESCRIPTION
GL-9SET332LRG	DC 2.4mm	Boxed set, adaptor, heat shields, 5 x Large series cups 16.0, 19.6, 24, 28.5, 33mm for 2.4mm inc Gas lens and collet
GL-9SET18LRG	DC 3.2 mm	Boxed set, adaptor, heat shields, 5 x Large series cups 16.0, 19.6, 24, 28.5, 33mm for 3.2mm inc Gas lens and collet

CUPS WITH DIFFUSER

REF	STOCK CODE	DESCRIPTION	TUNGSTEN SIZE	CUP BORE	CUP LENGTH
A	GL920/1718LD-P10D332	LARGE GL GLASS cup 16mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#10 bore 16mm	53MM
	GL920/1718LD-P12D332	LARGE GL GLASS cup 19.6mm bore, for 2.4mm tungsten with diffuser	2.4mm (3/32")	#12 bore 19.6mm	53MM
	GGL920/1718LD-P15D332	LARGE GL GLASS cup 24mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#15 bore 24mm	53MM
	GL920/1718LD-P18D332	LARGE GL GLASS cup 28.5mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#18 bore 28.5mm	53MM
	GL920/1718LD-P21D332	LARGE GL GLASS cup 33mm bore, for 2.4 mm tungsten with diffuser	2.4mm (3/32")	#21 bore 33mm	53MM
	GL920/1718LD-P10D18	LARGE GL GLASS cup 16mm bore, for 3.2 mm tungsten with diffuser	3.2mm (1/8")	#10 bore 16mm	53MM
	GL920/1718LD-P12D18	LARGE GL GLASS cup 19.6mm bore, for 3.2mm tungsten with diffuser	3.2mm (1/8")	#12 bore 19.6mm	53MM
	GL920/1718LD-P15D18	LARGE GL GLASS cup 24mm bore, for 3.2mm tungsten with diffuser	3.2mm (1/8")	#15 bore 24mm	53MM
	GL920/1718LD-P18D18	LARGE GL GLASS cup 28.5mm bore, for 3.2mm tungsten with diffuser	3.2mm (1/8")	#18 bore 28.5mm	53MM
	GL920/1718LD-P21D18	LARGE GL GLASS cup 33mm bore, for 3.2 mm tungsten with diffuser	2.4mm (3/32")	#21 bore 33mm	53MM

PRO-GRIP MAX™ TIG

The Parweld Pro-Grip Max™ TIG torch range has been developed using the company's philosophy of putting the user first.

Optimal Handling - the striking handle design with improved profile offers a much more relaxed grip for the welder, reducing the risk of RSI and providing maximum comfort and manoeuvrability.

Integrated Handle Grips - using the latest over moulding techniques, the handle incorporates large soft grips providing maximum security and preventing any torch movement whilst in the welders hand.

Infinite Flexibility - Plug and Play™ switch technology combined with multiple head options and a wide range of cable plugs and terminations means we can produce a torch to fit virtually any machine and application.

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PRO FUME TIG KEY FEATURES

The new Pro-Grip TIG fume torch provides efficient extraction of harmful welding fumes at source. The fume extraction collar at the front of the torch head draws away the toxic welding fume without affecting the shielding gas coverage.



Air and water cooled torches available (PRO9, PRO17, PRO20). The design allows the use of standard welding cups.

Unique design allows flexible torch heads to be used and rotation of the head in the handle for improved access.

Ergonomic handle design with vents to reduce heat buildup.

Knuckle joint for improved manoeuvrability.

PRO9 Fume

AIR COOLED PRO-GRIP™ MAX FUME TIG TORCH
125A DC, 100A AC @ 60% Duty Cycle, EN60974-7



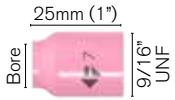
STOCK CODE		DESCRIPTION
1	TX001	Fume Suction Sleeve
2	PRO9	Torch Body
3	PRO9FXL	Torch Body Flexible
4	98W77	Back cap 'O' Ring
5	PRO41V24	Pro-Grip™ Back Cap Long 145mm (5.71")
6	PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9")

STOCK CODE		DESCRIPTION
7	PRO41V33	Pro-Grip™ Back Cap Short 19mm (.75")
8	**TRIGGER KITS AVAILABLE SEE PAGE 184**	
9	PROADP	Torch Head Handle Adaptor
10	PROBLK	Fume Hose Connector Block
11	PROH1	Hoses for Suction Sleeve
12	PROF200	Fume TIG Handle

TORCH CONFIGURATIONS
See pages 182-192 for how to create your Pro-Grip Max™ TIG Torch Package.

Gas Lens Cups

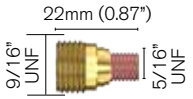
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STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies

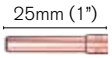
B



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")

Collets

C



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")

NEW Wedge Collets

D



STOCK CODE	ELECTRODE SIZE
13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")



PRO17 Fume

AIR COOLED PRO-GRIP™ MAX FUME TIG TORCH
150A DC, 115A AC @ 60% Duty Cycle, EN60974-7



STOCK CODE		DESCRIPTION
1	TX002	Fume Suction Sleeve
2	18CG20	Cup Gasket
3	PRO17	Torch Body
4	PRO17FX	Torch Body Flexible
5	98W18	Back Cap 'O' Ring
6	PRO57Y02	Pro-Grip™ Back Cap Long 112mm (4.41")

STOCK CODE		DESCRIPTION
7	PRO57Y04	Pro-Grip™ Back Cap Medium 24mm (0.95")
8	**TRIGGER KITS AVAILABLE SEE PAGE 184**	
9	PROADP	Torch Head Handle Adaptor
10	PROBLK	Fume Hose Connector Block
11	PROH2	Hoses for Suction Sleeve
12	PROF200	Fume TIG Handle

TORCH CONFIGURATIONS
See pages 182-192 for how to create your Pro-Grip Max™ TIG Torch Package.

Gas Lens Cups

A



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies

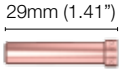
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STOCK CODE	ELECTRODE SIZE
17GL020	0.5mm (.020")
17GL040	1.0mm (.040")
17GL116	1.6mm (1/16")
17GL332	2.4mm (3/32")
17GL18	3.2mm (1/8")

Collets

C



STOCK CODE	ELECTRODE SIZE
10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

GRIP GLOVES
COLOUR CODED PROTECTION

Our gloves are ideal for heavy-duty work like welding and woodworking as well as lighter tasks such as gardening and DIY jobs.



PRO20 Fume

WATER COOLED PRO-GRIP™ MAX FUME TIG TORCH
250A DC, 190A AC @ 100% Duty Cycle, EN60974-7



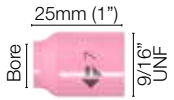
STOCK CODE	DESCRIPTION
1 TX001	Fume Suction Sleeve
2 PRO20	Torch Body
3 PRO20FXL	Torch Body Flexible
4 98W77	Back Cap 'O' Ring
5 PRO41V24	Pro-Grip™ Back Cap Long 145mm (5.71")
6 PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9")

STOCK CODE	DESCRIPTION
7 PRO41V33	Pro-Grip® Back Cap Short 19mm (.75")
8	**TRIGGER KITS AVAILABLE SEE PAGE 184**
9 PROADP	Torch Head Handle Adaptor
10 PROBLK	Fume Hose Connector Block
11 PROH1	Hoses for Suction Sleeve
12 PROF200	Fume TIG Handle

TORCH CONFIGURATIONS
See pages 182-192 for how to create your Pro-Grip Max™ TIG Torch Package.

Gas Lens Cups

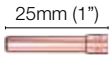
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STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Collets

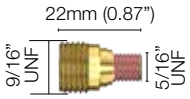
C



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")

Gas Lens Bodies

B



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")

NEW Wedge Collets

D



STOCK CODE	ELECTRODE SIZE
13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")



APT+ ADVANCED POWER TECHNOLOGY

PULSE MIG MACHINES

- APT+ M Pulse allows the user to make MIG, electrode (MMA) and TIG welding with a single machine.
- It provides welding without spatter by means of Synergic, Pulse.
- Comes with APT+ M Root, Deep, Cold, Position, Stabi and Pipe programs.
- Equipped with special programs for Steel / CrNi / Aluminum / Copper welding.
- Digital display and easy-to-use front panel, allows the welder to adjust all values from the wire feeder.
- Encoder drivemotor and 4×4 wire feed unit ensure stable arc formation. Especially with aluminum wires.
- APT+M Pulse Inverter Technology, delivers up to 35% energy saving.
- Stable arc characteristic across a wide range of processes.



KEY FEATURES

Every detail of the Pro-Grip Max™ TIG torch has been engineered with the user in mind. We work to ensure that every aspect of the design is simple, comfortable and effective. Completely configurable, lightweight and ergonomic, the Pro-Grip Max™ is leading the way in TIG welding.



TRIGGER SWITCHES

Located in a neutral finger position.

Switches can be changed within 5 seconds with Plug and Play™ Technology.

Switch options to suit every application.

TORCH HEADS

Lightweight and durable, manufactured with high temperature resistant silicone rubber insulation.

Copper components ensure cooler running and maximum current capacity.

FRONT END CONSUMABLES

Extensive range available.

Manufactured to the highest specifications.

HANDLE SYSTEM

Ergonomically superior with integrated dual soft grips to ensure the handle remains in place with minimal grip pressure.

KNUCKLE JOINT

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.

CABLE SYSTEMS

Overbraid power cables guarantee performance and flexibility.

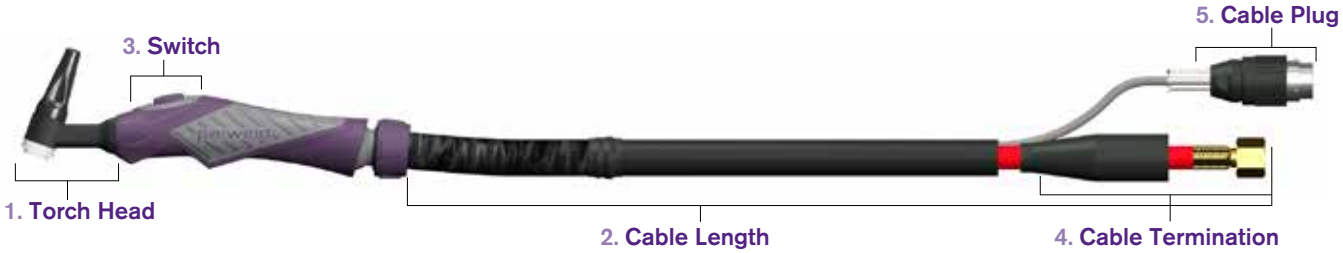
Shielded switch leads for minimal interference and maximum machine protection.

COMPOSITE TGC TIG CABLE TERMINATIONS AVAILABLE

Moulded housing ensures tidy cables.
Tapered TPE hose supports and cable set strain relief.
Multiple configurations to suit most power sources.



HOW TO CREATE YOUR TORCH



PRO18FX-12S1BW2

1. TORCH HEAD | 2. CABLE LENGTH | 3. SWITCH | 4. CABLE TERMINATION | 5. CABLE PLUG

1. TORCH HEAD

CODE	DESCRIPTION
PRO9	Air Cooled 125A DC
PRO9FXL	Flexible Air Cooled 125A DC
PRO17	Air Cooled 150A DC
PRO17FX	Flexible Air Cooled 150A DC
PRO18	Water Cooled 350A DC
PRO18FX	Flexible Water Cooled 350A DC
PRO18SC	Water Cooled 400A DC
PRO20	Water Cooled 250A DC
PRO20FXL	Flexible Water Cooled 250A DC
PRO20HY	Water Cooled 300A DC
PRO20HYFXL	Flexible Water Cooled 300A DC
PRO26	Air Cooled 200A DC
PRO26FX	Flexible Air Cooled 200A DC
PRO550W	Water Cooled 500A DC
PRO250AC	Flexible Air Cooled 250A DC

2. CABLE LENGTH

CODE	DESCRIPTION
12	12.5ft/4m, Leather Cover, Neoprene Sheath
25	25ft/8m, Leather Cover, Neoprene Sheath

3. SWITCH

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

4. CABLE TERMINATION

See more information from page 185

5. CABLE PLUG

See more information from page 191

Lorch®, L-TEC®, Harting®, Bundy®, Tuchel®, ESAB®, Murex®, Kemppi®, Miller®, Lincoln Electric®, Thermal Arc®, Messer®, Fronius®, Migatronic®, Jasic®, Eutectic®, GYS®, Newarc®, Inverter Fusion®, RS®, XLR®, JIS-C®, SAF®, Oerlikon®, Stel TIG®, Weipu®, CEA®, Selco®, Rehm®, Trademarks are the property of the respective owners, and their usage is to confirm compatability only. These products are not endorsed by the original manufacturer.

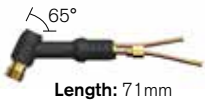
TORCH COMPONENT REFERENCE GUIDE

1. TORCH HEADS

Air Cooled

PRO9	125A DC, 100A AC @ 60% Duty Cycle 0.5mm-2.4mm (.020"-3/32") Electrodes	
OPTIONS	**PRO 9**  **Length:** 53mm	**PRO 9FXL**  **Length:** 91mm
PRO17	150A DC, 115A AC @ 60% Duty Cycle 0.5mm-2.2mm (.020"-1/8") Electrodes	
OPTIONS	**PRO 17**  **Length:** 76mm	**PRO 17FX**  **Length:** 97mm
PRO26	200A DC, 150A AC @ 60% Duty Cycle 0.5mm-4.0mm (.020"-5/32") Electrodes	
OPTIONS	**PRO 26**  **Length:** 71mm	**PRO 26FX**  **Length:** 71mm
PRO250AC	250A DC, 187A AC @ 25% Duty Cycle, 1.2mm-3.2mm (.045"-1/4") Electrodes	
OPTIONS	**PRO 250AC**  **Length:** 00mm	

Water Cooled

PRO20	250A DC, 190A AC @ 100% Duty Cycle 0.5mm-3.2mm (.020"-1/8") Electrodes	
OPTIONS	**PRO 20**  **Length:** 56mm	**PRO 20FXL**  **Length:** 64mm
PRO20HY	300A DC, 230A AC @ 100% Duty Cycle 0.5mm-3.2mm (.020"-1/8") Electrodes	
OPTIONS	**PRO 20HY**  **Length:** 56mm	**PRO 20HYFXL**  **Length:** 64mm
PRO18	350A, DC, 260A AC @ 100% Duty Cycle 0.5mm-4.0mm (.020"-5/32") Electrodes	
OPTIONS	**PRO 18**  **Length:** 64mm	**PRO 18FX**  **Length:** 64mm
PRO18SC	400A, DC, 300A AC @ 100% Duty Cycle 0.5mm-4.8mm (.020"-3/16") Electrodes	
OPTIONS	**PRO 18SC**  **Length:** 71mm	
PRO 550W	550A DC, 410A AC @ 100% Duty Cycle, 1.2mm-6.4mm (.045"-1/4") Electrodes	
OPTIONS	**PRO 20**  **Length:** 00mm	

2. CABLE LENGTH

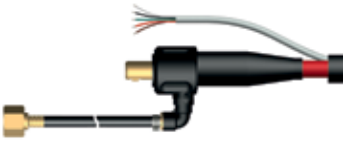
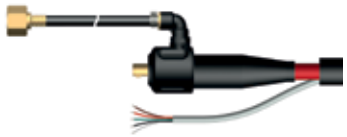
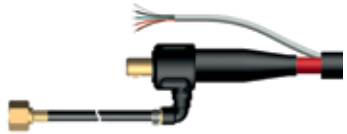
CODE	DESCRIPTION
12	4m (12.5ft) Cable c/w Leather Cover, Neoprene Sheath
25	8m (25ft) Cable c/w Leather Cover, Neoprene Sheath

3. SWITCHES

	CODE	STOCK CODE	DESCRIPTION
	**S1**	PRO1MS	Momentary Switch
	**S1L**	PRO1LS	Momentary Switch & Lever
	**S2**	PRO2MS	2 Button Momentary
	**S3**	PRO3MS	3 Button Momentary
	**S4**	PRO4MS	4 Button Rocker Momentary
	S4L	PRO4LMS	4 Button Rocker Momentary Lorch®

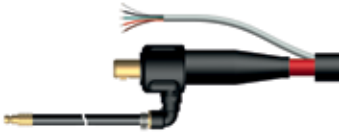
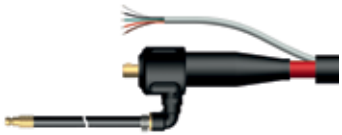
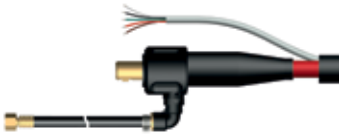
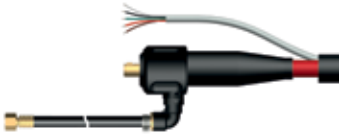
	CODE	STOCK CODE	DESCRIPTION
	**1K**	PRO1MS-1	1 Button Momentary +1K Potentiometer
	2K	PRO1MS-5	1 Button Momentary +5K Potentiometer
	3K	PRO1MS-10	1 Button Momentary +10K Potentiometer
	4K	PRO1MS-25	1 Button Momentary +25K Potentiometer
	**1KL**	PRO1MS-1L	1 Button Latching +1K Potentiometer
	2KL	PRO1MS-5L	1 Button Latching +5K Potentiometer
	3KL	PRO1MS-10L	1 Button Latching +10K Potentiometer
	4KL	PRO1MS-25L	1 Button Latching +25K Potentiometer
	**N**	PROBK	Blank

4. CABLE TERMINATIONS AIR COOLED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
BG	Single 3/8" BSP Connection		**TGC-BG**	Single 3/8" BSP Connection	
			TGC-EG	Central Connector	
			TGC-WG	Connector	
			TGC-LG	Euro Connection No Gas Pin	
BD	35-50 Twist Lock on Power 3/8" BSP on Gas		**TGC-BD**	35-50 Twist Lock on Power 3/8" BSP on Gas	
BDS	Small Twist Lock on Power 3/8" BSP on Gas		**TGC-BDS**	Small Twist Lock on Power 3/8" BSP on Gas	
BDM10	Large Twist Lock on Power M10 on Gas		**TGC-BDM10**	Large Twist Lock on Power M10 on Gas	
BDM12	Large Twist Lock on Power M12 on Gas		**TGC-BDM12**	Large Twist Lock on Power M12 on Gas	

4. CABLE TERMINATIONS

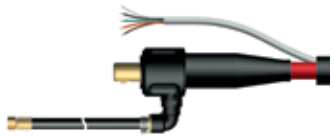
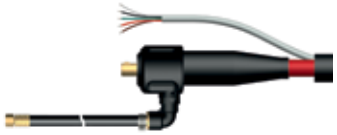
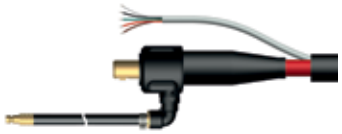
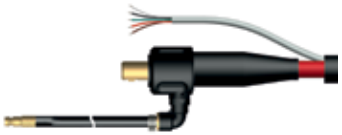
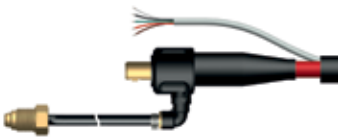
AIR COOLED CONTINUED

CODE	DESCRIPTION	
MG	50mm Twist Lock + 2F	
LNG	Large Twist Lock Connections Small 2F	
LNGS	Small Twist Lock Connections Small 2F	
EMG	Large Twist Lock Connections 1/4" BSP	
E2G	Small Twist Lock Connections 1/4" BSP	
KG	Connection 1/4" BSP	
TG	Twist Lock through Gas Connector 35-50mm	

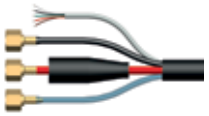
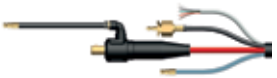
TGC CODE	DESCRIPTION	
TGC-MG	50mm Twist Lock QF Gas	
TGC-LNG	Large Twist Lock Connections Small 2F	
TGC-LNGS	Small Twist Lock Connections Small 2F	
TGC-EMG	Large Twist Lock Connections 1/4" BSP	
TGC-E2G	Small Twist Lock Connections 1/4" BSP	
TGC-KG	Connection 1/4" BSP	
TGC-TG	Twist Lock through Gas Connector 35-50mm	
TGC-SG	SAF® through Gas Connector 35-50mm	

SAF® trademark is the property of the respective owner, and usage is to confirm compatability only.
These products are not endorsed by the original manufacturer.

4. CABLE TERMINATIONS AIR COOLED CONTINUED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
FRG	Connections 3/8" BSP		**TGC-FRG**	Connections 3/8" BSP	
ESG	Large Twist Lock 1/8" BSP		**TGC-ESG**	Large Twist Lock 1/8" BSP	
EXG	Small Twist Lock 1/8" BSP		**TGC-EXG**	Small Twist Lock 1/8" BSP	
			TGC-MPG	Multiprocess Euro Connector	
LRG	Large Twist Lock Connections Small 2F		**TGC-LRG**	Large Twist Lock Connections Small 2F	
DQF	Large Twist Lock 9mm QF on Gas		**TGC-DQF**	Large Twist Lock on Power 9mm QF on Gas	
UN	5/8" UNF RH Gas/Power		**TGC-UN**	5/8" UNF RH Gas/Power	
UD	Large Twist Lock on Power, 5/8" UNF RH Male on Gas		**TGC-UD**	Large Twist Lock on Power, 5/8" UNF RH Male on Gas	

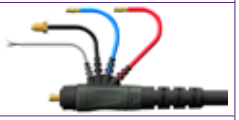
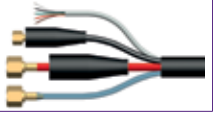
4. CABLE TERMINATIONS WATER COOLED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
BW	3/8" BSP On Water, Gas, Power		**TGC-BW**	3/8" BSP On Water, Gas, Power	
			TGC-EW	Central Connector	
DQ	Large Twist Lock on Power QF on Water In/Out, 3/8" BSP on Gas		**TGC-DQ**	Large Twist Lock on Power QF on Water In/Out, 3/8" BSP on Gas	
DQM12	Large Twist Lock on Power QF on Water In/Out, M12 on Gas		**TGC-DQM12**	Large Twist Lock on Power QF on Water In/Out, M12 on Gas	
			TGC-WW	WTW Connector	
			TGC-LW	Euro Connector no Gas Pin	
MW	Large Twist Lock Small 2F Connections 9mm 2F on water		**TGC-MW**	Large Twist Lock Small 2F Connections 9mm 2F on water	
LNW	Large Twist Lock Small 2F on Gas 9mm 2F on Water		**TGC-LNW**	Large Twist Lock Small 2F on Gas 9mm 2F on Water	

4. CABLE TERMINATIONS WATER COOLED CONTINUED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
EMW	Large Twist Lock Connections 9mm 2F Water In/Out 1/4" BSP Gas		**TGC-EMW**	Large Twist Lock Connections 9mm 2F Water In/Out 1/4" BSP Gas	
EBW	Large Twist Lock 1/4" Gas, 3/8" on Water In/Out		**TGC-EBW**	Large Twist Lock 1/4" Gas, 3/8" on Water In/Out	
			TGC-TW	Twist Lock through Gas Connector, QF on Water In/Out	
ESW	Large Twist Lock Connections 9mm 2F 1/8" BSP		**TGC-ESW**	Large Twist Lock Connections 9mm 2F 1/8" BSP	
LRW	Large Twist Lock Connections 9mm 2F Water In/Out Small 2F Gas		**TGC-LRW**	Large Twist Lock Connections 9mm 2F Water In/Out Small 2F Gas	
			TGC-KW	1/4" BSP Power/Gas Connection 9mm 2F Water In/Out	
DQQ	Large Twist Lock on Power 9mm QF on Water In/Out QF on Gas		**TGC-DQQ**	Large Twist Lock on Power 9mm QF on Water In/Out QF on Gas	
UE	Large Twist Lock on Power, 5/8" UNF LH on Water In/Out, 5/8" UNF RH Male on Gas		**TGC-UE**	Large Twist Lock on Power, 5/8" UNF LH on Water In/Out, 5/8" UNF RH Male on Gas	

4. CABLE TERMINATIONS WATER COOLED CONTINUED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
UW	7/8" UNF LH Male on Power, 5/8" UNF RH Male on Gas, 5/8" UNF LH Male on Water		**TGC-UW**	7/8" UNF LH Male on Power, 5/8" UNF RH Male on Gas, 5/8" UNF LH Male on Water	
			TGC-UNW	5/8" UNF RH Gas/power, QF Water In/Out	
UDW	Large Twist Lock on power, 5/8" UNF RH Gas, QF Water In/Out		**TGC-UDW**	Large Twist Lock on power, 5/8" UNF RH Gas, QF Water In/Out	
KOW	3/8" Power and Water, 1/4" BSP on Gas		**TGC-KOW**	3/8" Power and Water, 1/4" BSP on Gas	

WHY CHOOSE TGC?

Enables all cables to be integrated into one housing ensuring a compact and tidy connection to the machine. Each cable and hose has been designed to protect against kinking through the use of a tapered TPE support.



Provides strain relief for all hose and cable connections.

Cable ends can be changed to match virtually any machine.

Modular construction makes stock dynamic.





WANT TO CHANGE THE TERMINATION ON YOUR EXISTING TORCH?

CONTACT SALES FOR MORE INFORMATION

5. CABLE PLUGS

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION
	0	ERCP0	TSW-0	2 Pin Amphenol
	1	ERCP1	TSW-1	4 Pin Amphenol
	2	ERCP2	TSW-2	5 Pin Amphenol
	3	ERCP3	TSW-3	6 Pin Amphenol
	4	ERCP4	TSW-4	14 Pin Amphenol
	5	ERCP5	TSW-5	6 Pin Harting®
	6	ERCP6	TSW-6	8 Pin
	7	ERCP7	TSW-7	3 Pin Tuchel
	8	ERCP8	TSW-8	9 Pin Tuchel
	9	ERCP9	TSW-9	5 Pin Tuchel
	10	ERCP10	TSW-10	12 Pin
	11	ERCP11	TSW-11	7 Pin
	12	ERCP12	TSW-12	2 Pin
	13	ERCP13	TSW-13	2 Pin
	14	ERCP14	TSW-14	5 Pin
	15	ERCP15	TSW-15	5 Pin – ELEK

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION
	16	ERCP16	TSW-16	5 Pin Amphenol
	17	ERCP17	TSW-17	7 Pin Tuchel
	18	ERCP18	TSW-18	14 Pin
	19	ERCP19	TSW-19	5 Pin
	20	ERCP20	TSW-20	3 Pin
	21	ERCP21	TSW-21	2 Pin Push In
	22	ERCP22	TSW-22	5 Pin
	23	ERCP23	TSW-23	3 Pin
	24	ERCP24	TSW-24	5 Pin Remote Control
	25	ERCP25	TSW-25	7 Pin
	26	ERCP26	TSW-26	14 Pin
	27	ERCP27	TSW-27	6 Pin
	28	ERCP28	TSW-28	7 Pin
	29 30	ERCP29 ERCP30	TSW-29 TSW-30	7 Pin 10 Pin
	31	ERCP31	TSW-31	3 Pin
	32	ERCP32	TSW-32	7 Pin

5. CABLE PLUGS

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION
	33	ERCP33	TSW-33	4mm Pin
	34	ERCP34	TSW-34	7 Pin
	35	ERCP35	TSW-35	2 Pin Cable Mounted Socket
	36	ERCP36	TSW-36	3 Pin
	37	ERCP37	TSW-37	12 Pin
	38	ERCP38	TSW-38	9 Pin
	39	ERCP39	TSW-39	9 Pin
	40	ERCP40	TSW-40	6 Pin Amphenol
	41	ERCP41	TSW-41	7 Pin Amphenol
	42	ERCP42	TSW-42	Phone Audio Jack 3.5mm 3 Contact
	43	ERCP43	TSW-43	4 Pin C16
	47	ERCP47	TSW-47	7 Pin Remote
	48	ERCP48	TSW-48	5 Pin
	49	ERCP49	TSW-49	14 Pin
	50	ERCP50	TSW-50	8 Pin Cable RJ45
	51	ERCP51	TSW-51	12 Pin
	52	ERCP52	TSW-52	4 Pin Plug

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION
NOT ILLUSTRATED	53	ERCP53	TSW-53	17 Pin Plug
	55	ERCP55	TSW-55	12 Pin Plug
	56	ERCP56	TSW-56	7 Pin Plug
NOT ILLUSTRATED	57	ERCP57	TSW-57	10 Pin Plug
	58	ERCP58	TSW-58	8 Pin Plug
	59	ERCP59	TSW-59	5 Pin Plug
	60	ERCP60	TSW-60	5 Pin Plug
	61	ERCP61	TSW-61	5 Pin Plug
	62	ERCP62	TSW-62	5 Pin Plug
	63	ERCP63	TSW-63	7 Pin Plug
	65	ERCP65	TSW-65	2 Pin Socket 15.5mm
NOT ILLUSTRATED	66	ERCP66	TSW-66	5 Pin Plug
	68	ERCP68	TSW-68	3 Pin Plug
NOT ILLUSTRATED	69	ERCP69	TSW-69	9 Pin Plug
NOT ILLUSTRATED	72	ERCP72	TSW-72	10 Pin Plug
NOT ILLUSTRATED	73	ERCP73	TSW-73	8 Pin
NOT ILLUSTRATED	75	ERCP75	TSW-75	12 Pin
NOT ILLUSTRATED	76	ERCP76	TSW-76	7 Pin

*NI-NOT ILLUSTRATED

INTEGRATED POWER ADAPTOR

Our integrated power adaptors offer an innovative design to terminate the torch. The compact size ensures it can be inserted and rotated easily on the smallest of machines.

Integrated strain relief prevents kinking of the power cable reducing the risk of torch or weld failure due to gas or water starvation.







APPLICATION

Suitable for any air or water cooled torches with Twist Lock type connection.

Sizing 10-25 or 35-95 stud size.

Note this connection system is built onto the torch and cannot be added to a standard ⅜" BSP torch.

A BETTER WAY TO CONNECT

PRO-GRIP MAX™ TIG RANGE



	PRO9/9FXL	PRO17/17FX	PRO26/26FX	PRO250AC
COOLING	Air	Air	Air	Air
RATING	125A DC, 100A AC @ 60%	150A DC, 115A AC @ 60%	200A DC, 150A AC @ 60%	250A DC, 187A AC @ 25%
ELECTRODE SIZE	0.5mm-2.4mm (.020”-3/32”)	0.5mm-3.2mm (.020”-1/8”)	0.5mm-4.0mm (.020”-5/32”)	1.2mm-3.2mm (.045”-1/8”)

PRO-GRIP MAX™ TIG RANGE



	PRO20/20FXL	PRO20 HYBRID	PRO18/18FX	PRO18SC	PRO550W
COOLING	Water	Water	Water	Water	Water
RATING	250A DC, 190A AC @ 100%	300A DC, 230A AC @ 100%	350A DC, 260A AC @ 100%	400A DC, 300A AC @ 100%	550A DC, 410A AC @ 100%
ELECTRODE SIZE	0.5mm-3.2mm (.020”- 1/8”)	0.5mm-3.2mm (.020”- 1/8”)	0.5mm-4.0mm (.020”-5/32”)	0.5mm-4.8mm (.020”-3/16”)	1.2mm-6.4mm (.045”- 1/4”)

PRO9

AIR COOLED PRO-GRIP™ MAX TIG TORCH
125A DC, 100A AC @ 60% Duty Cycle,
EN60974-7, 0.5mm-2.4mm
(.020"-3/32") Electrodes



STOCK CODE	DESCRIPTION
1 PRO9FXL	Torch Body Flexible
2 PRO9	Torch Body
3 98W77	Back Cap 'O' Ring
4 PRO41V24	Pro-Grip™ Back Cap Long 145mm (5.71")
5 PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9")
6 PRO41V33	Pro-Grip™ Back Cap Short 19mm (.75")
7	**TRIGGER KITS AVAILABLE SEE PAGE 184**

COMPLETE PACKAGE
PR09(FX)-12S1BG OR PR09(FX)-25S1BG

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



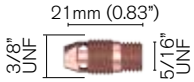
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

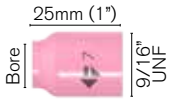
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")

Gas Lens Cups

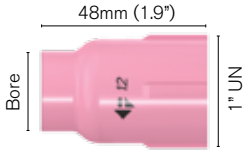
G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

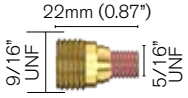
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

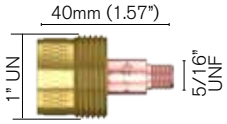
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")

Large Diameter Gas Lens Bodies

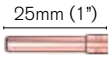
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

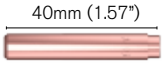
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")

Large Diameter Collets

K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Wedge Collets

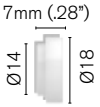
M



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")

Cup Gasket

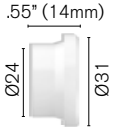
F



STOCK CODE
598882

Large Diameter Gas Lens Insulator

L



54N63-20

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO17

AIR COOLED PRO-GRIP MAX™ TIG TORCH
150A DC, 115A AC @ 60% Duty Cycle, EN60974-7,
0.5mm-3.2mm (.040”-1/8”) Electrodes



STOCK CODE	DESCRIPTION
1 PRO17FX	Torch Head Flexible
2 PRO17	Torch Body Angled With Gasket
3 98W18	Back Cap ‘O’ Ring
4 PRO57Y02	Pro-Grip™ Back Cap Long 112mm (4.41”)
5 PRO57Y04	Pro-Grip™ Back Cap Short 24mm (.04”)
6 TRIGGER KITS AVAILABLE SEE PAGE 184	

COMPLETE PACKAGE
PR017(FX)-12S1BG OR PR017(FX)-25S1BG

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

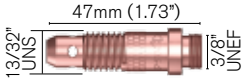
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

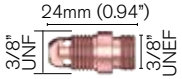
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")

Stubby Collet Body

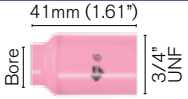
G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

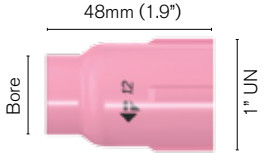
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

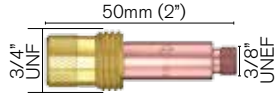
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

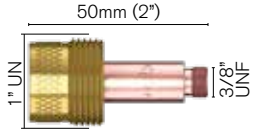
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")

Large Diameter Gas Lens Bodies

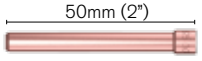
O



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets

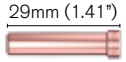
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")

Stubby Collets

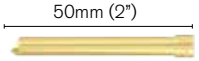
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Stubby Wedge Collets

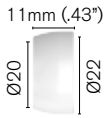
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

E



STOCK CODE
18CG

Stubby Cup Gasket

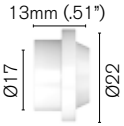
I



18CG20

Gas Lens Insulator

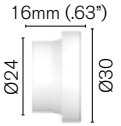
M



54N01	Use with 18CG

Large Gas Lens Insulator

P



54N63	Use with 18CG

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO26

AIR COOLED PRO-GRIP MAX™ TIG TORCH
200A DC, 150A AC @ 60% Duty Cycle,
EN60974-7, 0.5mm-4.0mm
(.020"-5/32") Electrodes



STOCK CODE	DESCRIPTION
1 PRO26FX	Torch Body Flexible
2 PRO26	Torch Body
3 98W18	Back Cap 'O' Ring
4 PRO57Y02	Pro-Grip™ Back Cap Long 112mm (4.41")
5 PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9")
6 PRO57Y04	Pro-Grip™ Back Cap Short 24mm (.04")
7 TRIGGER KITS AVAILABLE SEE PAGE 184	
PIPE WALKER CERAMICS SEE PAGE 176	

COMPLETE PACKAGE
PRO26(FX)-12S1BG OR PRO26(FX)-25S1BG

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

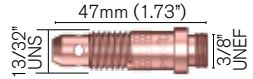
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

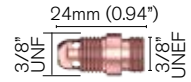
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body

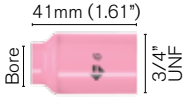
G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

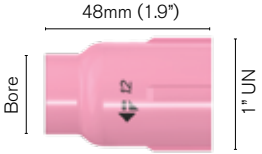
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

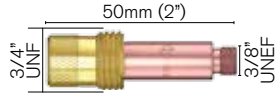
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

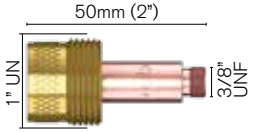
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies

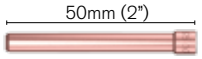
O



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets

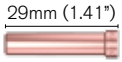
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets

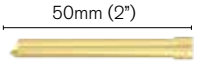
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Stubby Wedge Collets

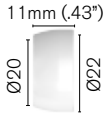
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

E



STOCK CODE
18CG

Stubby Cup Gasket

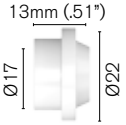
I



18CG20

Gas Lens Insulator

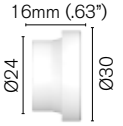
M



54N01	Use with 18CG

Large Gas Lens Insulator

P

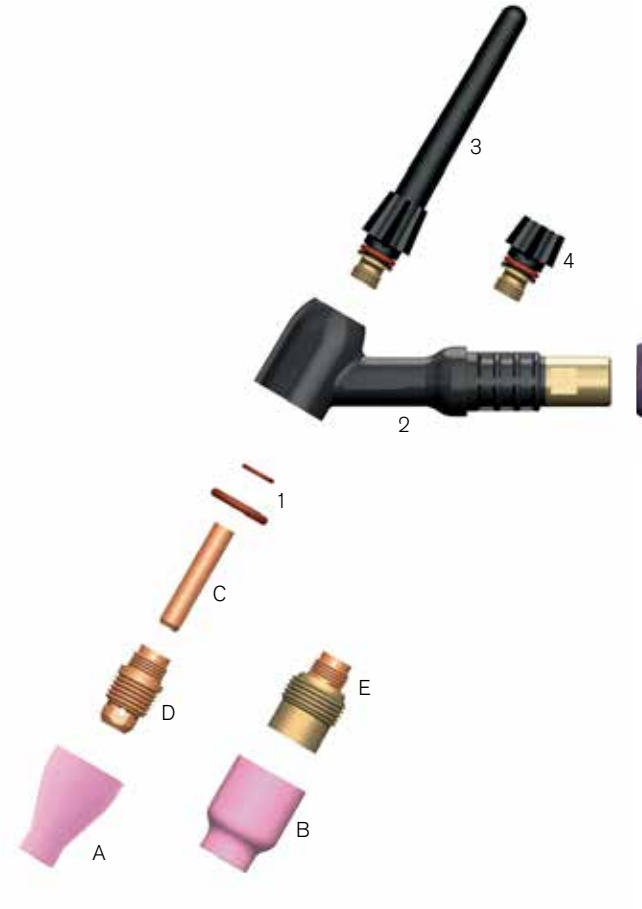


54N63	Use with 18CG

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO250AC

AIR COOLED PRO-GRIP MAX™ TIG TORCH
250A DC, 187A AC @ 25% Duty Cycle,
EN60974-7, 1.2mm-3.2mm
(.045"-1/4") Electrodes





STOCK CODE		DESCRIPTION
1	889692	'O' Ring Pack
2	629041	Torch Body
3	607756	Long Back Cap
4	607758	Short Back Cap
5	**TRIGGER KITS AVAILABLE SEE PAGE 184**	

COMPLETE PACKAGE
PR025(FX)-12S1BG OR PR025(FX)-25S1BG

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Alumina Ceramic Cups

A



STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689*	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Gas Lens Cups

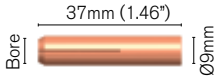
B



STOCK CODE	DIAMETER	BORE
889699	14mm (9/16")	10mm (3/8")
889700	17mm (11/16")	13mm (1/2")
889701	22mm (7/8")	15mm (5/8")

Collets

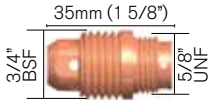
C



STOCK CODE	ELECTRODE SIZE
889796	1.2mm (3/64")
889797	1.6mm (1/16")
889683	2.4mm (3/32")
889584*	3.2mm (1/8")
889685*	4.0mm (5/32")
889686*	4.7mm (3/16")
889687*	6.4mm (1/4")

Collet Body

D



STOCK CODE	BORE
606090	1.2mm-6.4mm (3/64"-1/4")

Gas Lens Body

E



STOCK CODE	BORE
606194	6.5mm (1/4")

NEW GAS SAVER RANGE
See pages 160 for more information.

TIG WELDING GLOVES

Our range of TIG Welding Gloves have been designed to provide effective resistance from welding sparks and grinding splashes caused by welding. With a wide range of designs and options to choose, there's a glove for everyones needs.

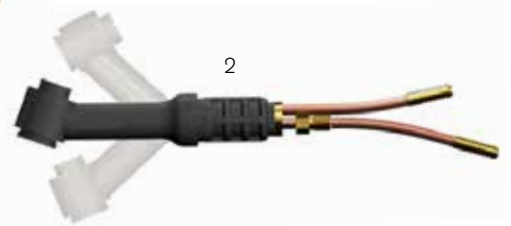


PRO20

WATER COOLED PRO-GRIP MAX™ TIG TORCH
250A DC, 190A AC @ 100% Duty Cycle,
EN60974-7, 0.5mm-3.2mm
(.020"-1/8") Electrodes







STOCK CODE	DESCRIPTION
1 PRO20	Torch Body
2 PRO20FXL	Torch Body Flexible
3 98W77	Back Cap 'O' Ring
4 PRO41V24	Pro-Grip™ Back Cap Long 145mm (5.71")
5 PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9")
6 PRO41V33	Pro-Grip™ Back Cap Short 19mm (.75")
7 TRIGGER KITS AVAILABLE SEE PAGE 184	

COMPLETE PACKAGE
PRO20(FX)-12S1BW OR PRO20(FX)-25S1BW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



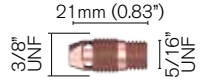
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

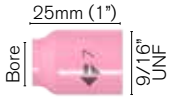
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups

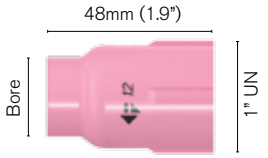
G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

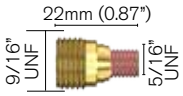
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

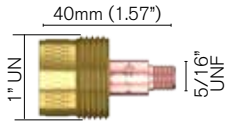
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies

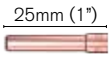
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

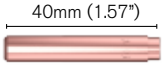
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets

K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

NEW Wedge Collets

M



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

Cup Gasket

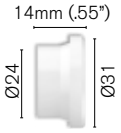
F



STOCK CODE
598882

Large Diameter Gas Lens Insulator

L



54N63-20

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO20 HYBRID

WATER COOLED PRO-GRIP MAX™ TIG TORCH
300A DC, 230A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-3.2mm (.020”-1/8”)
Electrodes

PRO 20 HYBRID - PRO20HY
Compact, lightweight torch with hybrid power cable for high power operation.





STOCK CODE		DESCRIPTION
1	PRO20FXL	Torch Body Flexible
2	PRO20	Torch Body
3	98W77	Back Cap ‘O’ Ring
4	PRO41V24	Pro-Grip™ Back Cap Long 145mm (5.71”)
5	PRO41V35	Pro-Grip™ Back Cap Medium 48mm (1.9”)
6	PRO41V33	Pro-Grip™ Back Cap Short 19mm (.75”)
7	**TRIGGER KITS AVAILABLE SEE PAGE 184**	

COMPLETE PACKAGE
PRO20HY(FX)-12S1BW OR PRO20HY(FX)-25S1BW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



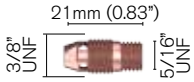
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

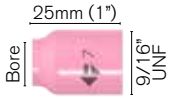
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups

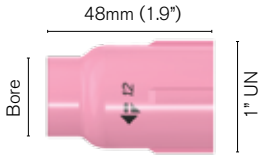
G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

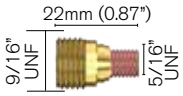
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

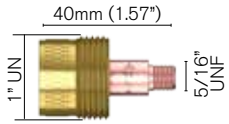
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies

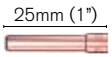
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

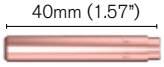
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets

K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

NEW Wedge Collets

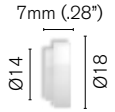
M



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

Cup Gasket

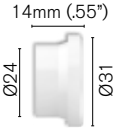
F



STOCK CODE
598882

Large Diameter Gas Lens Insulator

L



54N63-20

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO18

WATER COOLED PRO-GRIP MAX™ TIG TORCH
350A DC, 260A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-4.0mm (.020”-5/32”) Electrodes



COMPLETE PACKAGE
PR018(FX)-12S1BW PR018(FX)-25S1BW

STOCK CODE		DESCRIPTION
1	PRO18FX	Torch Head Flexible
2	PRO18	Torch Head including Cup Gasket
3	98W18	Back Cap ‘O’ Ring
4	PRO57Y02	Pro-Grip™ Back Cap Long 112mm (4.41”)
5	PRO57Y04	Pro-Grip™ Back Cap Short 24mm (.04”)

6 TRIGGER KITS AVAILABLE SEE PAGE 184
PIPE WALKER CERAMICS SEE PAGE 176

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

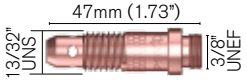
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

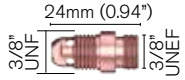
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body

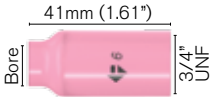
G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

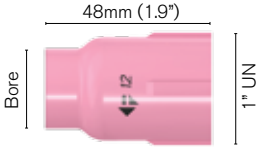
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

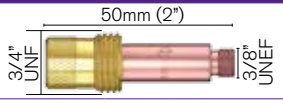
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

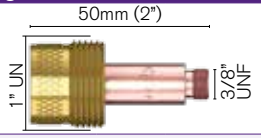
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies

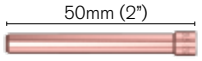
O



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets

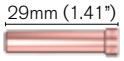
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets

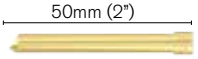
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

NEW Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets

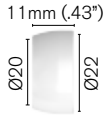
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

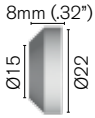
E



STOCK CODE
18CG

Stubby Cup Gasket

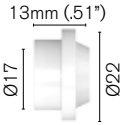
I



18CG20

Gas Lens Insulator

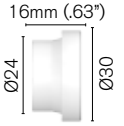
M



54N01	Use with 18CG

Large Gas Lens Insulator

P

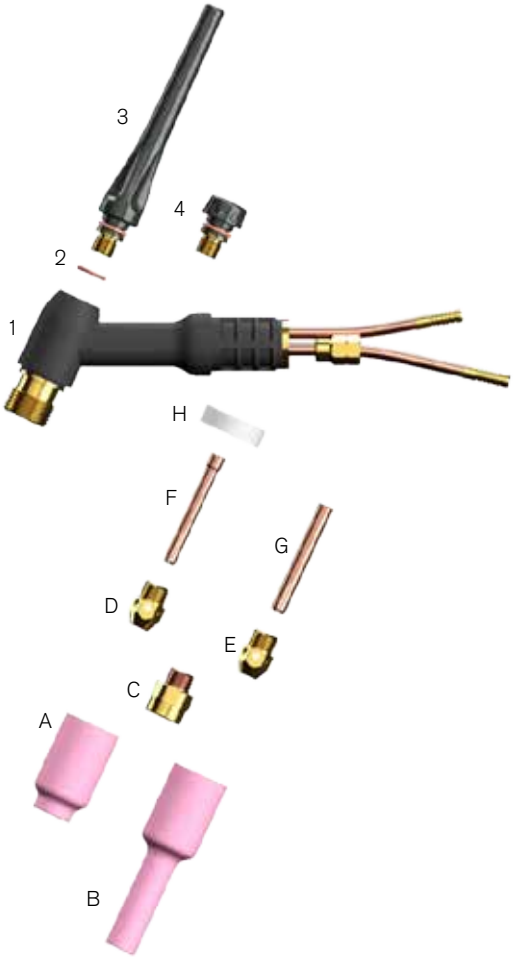


54N63	Use with 18CG

NEW GAS SAVER RANGE
See pages 160 for more information.

PRO18SC

WATER COOLED PRO-GRIP MAX™ TIG TORCH
400A DC, 300A AC @ 100% Duty Cycle,
EN60974-7, 0.5mm-4.8mm
(.020"-3/16") Electrodes





COMPLETE PACKAGE
PRO18SC(FX)-12S1BW OR PRO18SC(FX)-25S1BW

STOCK CODE	DESCRIPTION
1 PRO18SC	Torch Head including Nozzle Gasket
2 98W18	Back Cap 'O' Ring
3 PRO57Y02	Pro-Grip™ Back Cap Long 112mm (4.41")
4 PRO57Y04	Pro-Grip™ Back Cap Short 24mm (.04")
5 TRIGGER KITS AVAILABLE SEE PAGE 184	

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Gas Lens Cups

A



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

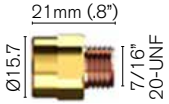
B



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Gas Lens Bodies

C



STOCK CODE	ELECTRODE SIZE
18GL16	1.6mm (1/16")
18GL32	2.4mm (3/32")
18GL18	3.2mm (1/8")
18GL53	4.0mm (5/32")
18GL36	4.8mm (3/16")

Nose Collet Body

D



STOCK CODE	ELECTRODE SIZE
NCB-53	3.4mm

Nose Collet Body

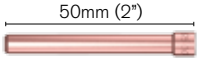
E



NCB-36	5mm

Collets

F



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Heavy Duty Collets

G



10N25HD	3.2mm (1/8")
54N20HD	4.0mm (5/32")
18C36	4.8mm (3/16")

Cup Gasket

H

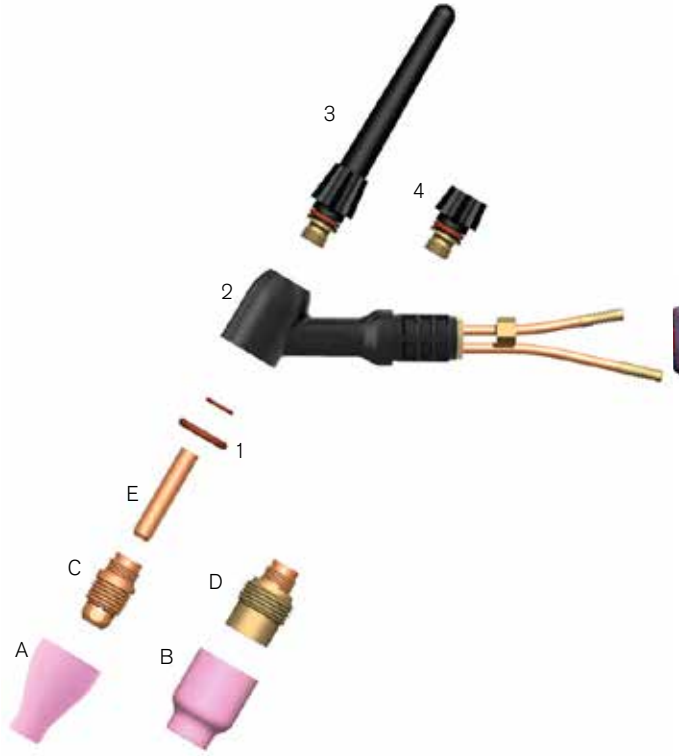


STOCK CODE
18NG



PRO 550W

WATER COOLED PRO-GRIP MAX™ TIG TORCH
550A DC, 410A AC @ 100% Duty Cycle,
EN60974 -7, 1.2mm-6.4mm
(.045"-1/4") Electrodes





STOCK CODE	DESCRIPTION
1 889692	'O' Ring Pack
2 619041	Torch Body
3 607756	Long Back Cap
4 607758	Short Back Cap
5 TRIGGER KITS AVAILABLE SEE PAGE 184	

COMPLETE PACKAGE
PRO55-12S1BW OR PRO55-25S1BW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 182 -192 for how to create your Pro-Grip Max™ TIG Torch Package.

Alumina Ceramic Cups

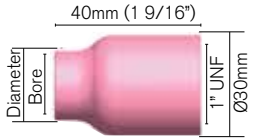
A



STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Gas Lens Cups

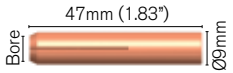
C



STOCK CODE	DIAMETER	BORE
889699	14mm (9/16")	10mm (3/8")
889700	17mm (11/16")	13mm (1/2")
889701	22mm (7/8")	15mm (5/8")

Collets

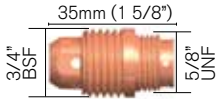
E



STOCK CODE	ELECTRODE SIZE
889597	1.6mm (1/16")
889583	2.4mm (3/32")
889584*	3.2mm (1/8")
889585	4.0mm (1/16")
889587	6.4mm (1/4")

Collet Body

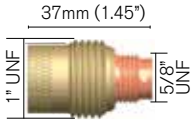
B



STOCK CODE	BORE
606090	1.2mm-6.4mm (3/64"-1/4")

Gas Lens Body

D



STOCK CODE	BORE
606194	6.5mm (1/4")

TIG WELDING GLOVES

Our range of TIG Welding Gloves have been designed to provide effective resistance from welding sparks and grinding splashes caused by welding. With a wide range of designs and options to choose, there's a glove for everyones needs.



WLD TIG

The Parweld WLD TIG torch range's classic design has enduring appeal because simply, it works.

WLD has been a staple of the Parweld TIG range and is popular all over the world. We never stop working to improve though, and the WLD range is the product of years of thoughtful improvement and re-engineering for optimal performance.

WLD TIG 214
WLD TIG KEY FEATURES 215
WLD TIG RANGE 216
HOW TO CREATE A WLD TIG TORCH 217
MODULAR FLEX NECK SYSTEM 218
SCRATCH AND LIFT TIG WP9V, WP17V, WP26V 219
WP24 220
WP9 222
WP17 224
WP24W 226
WP25 228
WP26 230
WP20 232
WP18 234
WP18SC 236
SPECIALIST TIG TORCHES
HCAR 238
CONSUMABLES FOR TW 450 239
EXTENSION CABLES/SWITCHES 241
SNAP ON WATER CONNECTORS 241
CABLE ADAPTORS 242
POWER ADAPTORS 243

CLASSIC SIMPLICITY

KEY FEATURES

The Parweld WLD TIG Range offers classic design for performance, durability and reliability.

With a wide range of torch head options and an extensive range of cable plugs and terminations, the WLD TIG range gives the versatility and practicality that professionals need.

HANDLE

Designed for improved grip.

An optional snap on boot enables rapid trigger servicing and a reduction in downtime.

CABLE SYSTEMS

Air and liquid cooled cable assemblies use high temperature resistant rubber jackets which combine outstanding flexibility and high heat and abrasion resistance.

TORCH HEADS

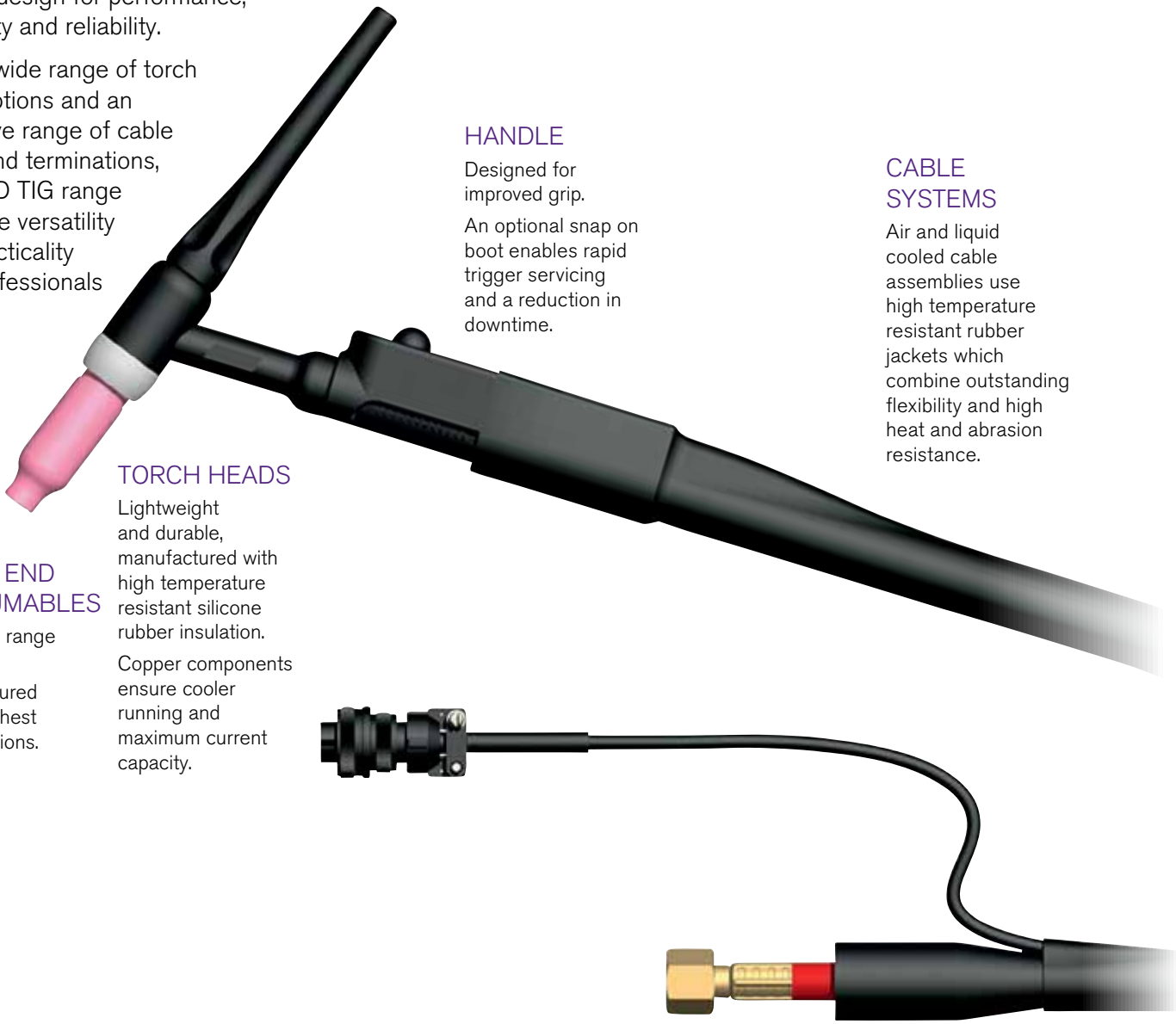
Lightweight and durable, manufactured with high temperature resistant silicone rubber insulation.

Copper components ensure cooler running and maximum current capacity.

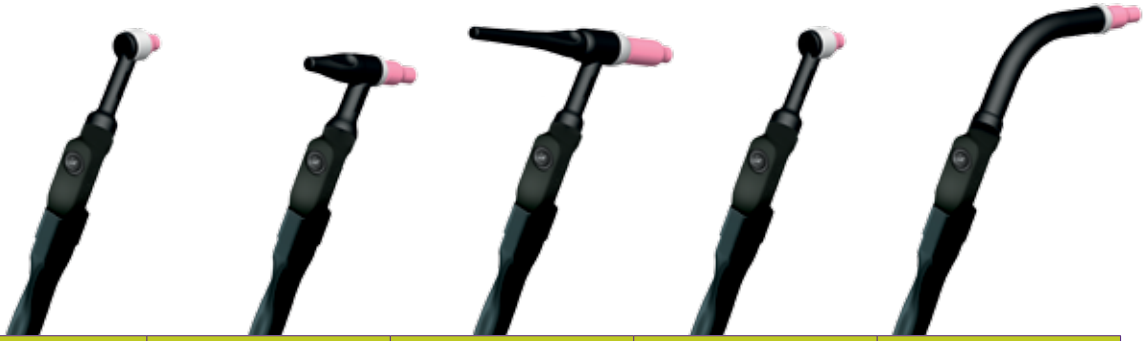
FRONT END CONSUMABLES

Extensive range available.

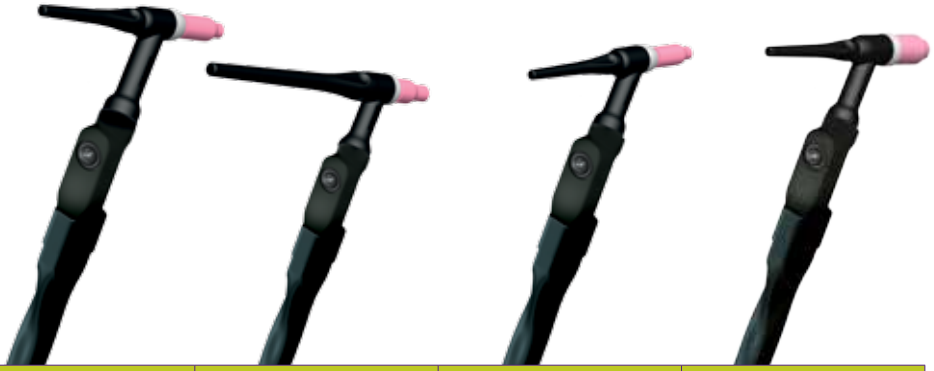
Manufactured to the highest specifications.



WLD TIG RANGE



	WP24	WP9	WP17	WP24W	WP25
COOLING	Air	Air	Air	Water	Water
RATING	80A DC, 50A AC @ 60%	125A DC, 100A AC @ 60%	150A DC, 115A AC @ 60%	180A DC, 150A AC @ 100%	200A DC, 150A AC @ 100%
ELECTRODE SIZE	0.5mm-1.6mm (.020”-1/16”)	0.5mm-2.4mm (.020”-3/32”)	0.5mm-3.2mm (.020”-1/8”)	0.5mm-1.6mm (.020”-1/16”)	0.5mm-3.2mm (.020”-1/8”)



	WP26	WP20	WP18	WP18SC
COOLING	Air	Water	Water	Water
RATING	200A DC, 150A AC @ 60%	250A DC, 190A AC @ 100%	350A DC, 260A AC @ 100%	400A DC, 300A AC @ 100%
ELECTRODE SIZE	0.5mm-4.0mm (.020”-5/32”)	0.5mm-3.2mm (.020”-1/8”)	0.5mm-4.0mm (.020”-5/32”)	0.5mm-4.8mm (.020”-3/16”)

HOW TO CREATE A WLD TIG TORCH

WP18FX-12RSSWKG2

1. Torch Head
2. Cable Length
3. Cable Type
4. Cable Termination
5. Cable Plug

1. TORCH HEAD
(Suitable for Eco-Grip™ TIG & WLD Range)

CODE	DESCRIPTION
WP9	Air Cooled 125A DC
WP9FX	Flexible Air Cooled 125A DC
WP9V	Valve Cooled 125A DC
WP9P	Pencil Air Cooled 125A DC
WP9VFX	Flexible Valve Air Cooled 125A DC
WP17	Air Cooled 150A DC
WP17FX	Flexible Air Cooled 150A DC
WP17V	Valve Air Cooled 150A DC
WP17VFX	Flexible Valve Air Cooled 150A DC
WP18	Water Cooled 350A DC
WP18FX	Flexible Water Cooled 350A DC
WP18SP	Pencil Water Cooled 350A DC
WP18SC	Water Cooled 400A DC
WP20	Water Cooled 250A DC
WP20FX	Flexible Water Cooled 250A DC
WP20P	Pencil Water Cooled 250A DC
WP24	Air Cooled 80A DC
WP24W	Water Cooled 180A DC
WP25	Water Cooled 200A DC
WP26	Air Cooled 200A DC
WP26FX	Flexible Air Cooled 200A DC
WP26V	Valve Air Cooled 200A DC
WP26VFX	Flexible Valve Air Cooled 200A DC

2. CABLE LENGTH

12	12.5ft (4m) Vinyl Power Cable
25	25ft (8m) Vinyl Power Cable

3. CABLE TYPE

CODE	DESCRIPTION
R	Rubber Mono Cable
-2	2 Piece Power Cable
SSW	Vinyl Mono Power Cable, Switched and Sheathed
-2SSW	2 Piece Power Cable, Switched and Sheathed
Z	Nylon Zipped Cover
ZL	Leather Zipped Cover
SZ	Switch and Nylon Zipped Cover
RSSW	Rubber Cable, Switch and Sheath

4. TERMINATIONS AND CABLE PLUGS

All torches are supplied with 3/8" BSP as standard.
A wide range of torch terminations and cable plug options are available, see pages 185-191 for more information.



HANDLES

In order to improve the grip and performance of our 2 piece torches, these come with a ribbed handle as standard.

MODULAR FLEX NECK SYSTEM

Our modular system gives the user the ability to swap between head sizes depending upon the job in hand, without needing to change torch.

The replaceable air cooled flex neck insert allows the user to extend the life of the torch when the flex coil fails.

CONFIGURE YOUR PART NUMBER

WP9-70 1CE TB 12SSW

1. Torch Head | 2. Neck | 3. Body

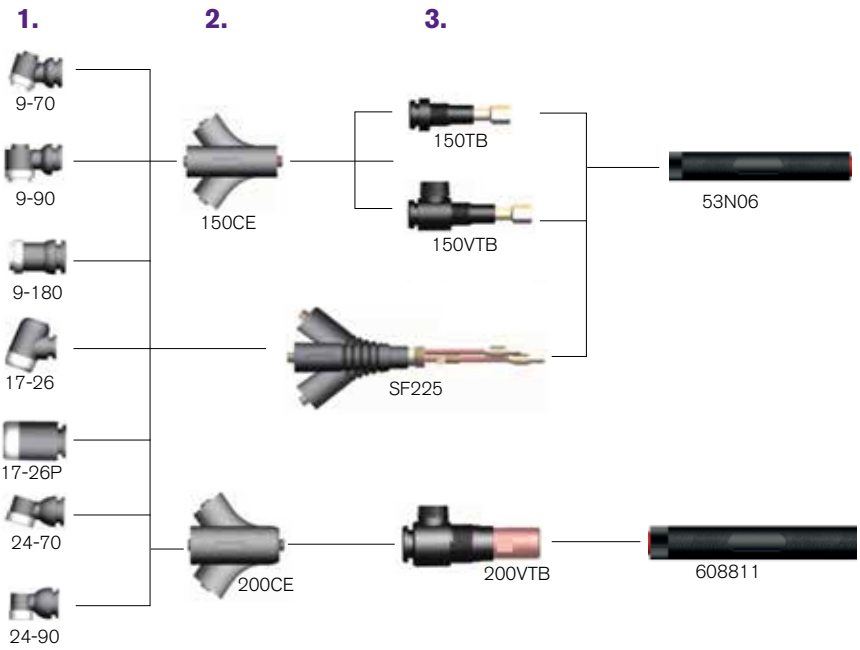
Order the rest of the torch as outlined on page 182.

1. TORCH HEAD	
CODE	DESCRIPTION
9-70	WP9 70° Head
9-90	WP9 90° Head
9-180	WP9 180° Head
17-26	WP17/26 70° Head
17-26P	WP17/26 180° Head
24-70	WP24 70° Head
24-90	WP24 90° Head

2. NECK		
CODE	REFERENCE	DESCRIPTION
1CE	150CE	150A Flex Neck
2CE	200CE	200A Flex Neck
SF2	SF225 Neck & Body	225A w/c Flex Neck

3. BODY		
CODE	REFERENCE	DESCRIPTION
TB	150TB	150A Body
VTB	150VTB	150A Valve Body
2VTB	200VTB	200A Valve Body

4. HANDLE	
CODE	DESCRIPTION
53N06	Small Screw on Handle
608811	Large Screw on Handle



Kemppi® trademarks is the property of their respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.

SCRATCH AND LIFT TIG WP9V, WP17V, WP26V

CONFIGURE YOUR PART NUMBER

WP17V-12-2IX

1. Torch Head
2. Cable Length
3. Cable Termination

1. TORCH HEAD

CODE	DESCRIPTION
WP9V	Air Cooled TIG Welding Torch 125A DC, 100A AC @ 60% Duty Cycle, 0.5mm-2.4mm (.020"-3/32") Electrodes
WP9VFX	
WP17V	Air Cooled TIG Welding Torch 150A DC, 115A AC @ 60% Duty Cycle, 0.5mm-3.2mm (.020"-1/8") Electrodes
WP17VFX	
WP26V	Air Cooled TIG Welding Torch 200A DC, 150A AC @ 60% Duty Cycle, 0.5mm-4.0mm (.020"-5/32") Electrodes
WP26VFX	

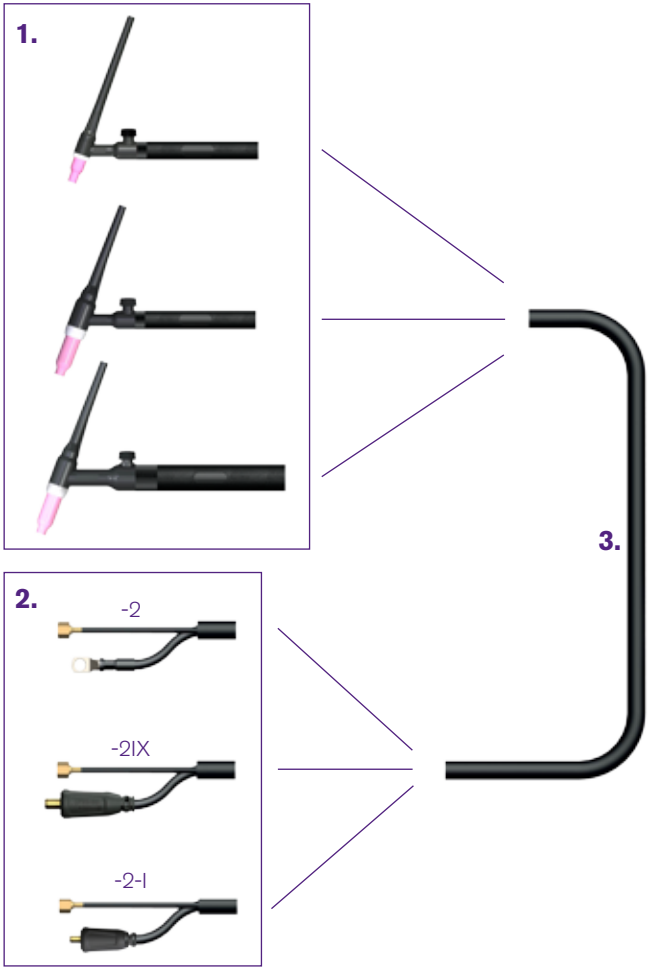
2. CABLE LENGTH

(Go to page 217)

3. CABLE TERMINATION

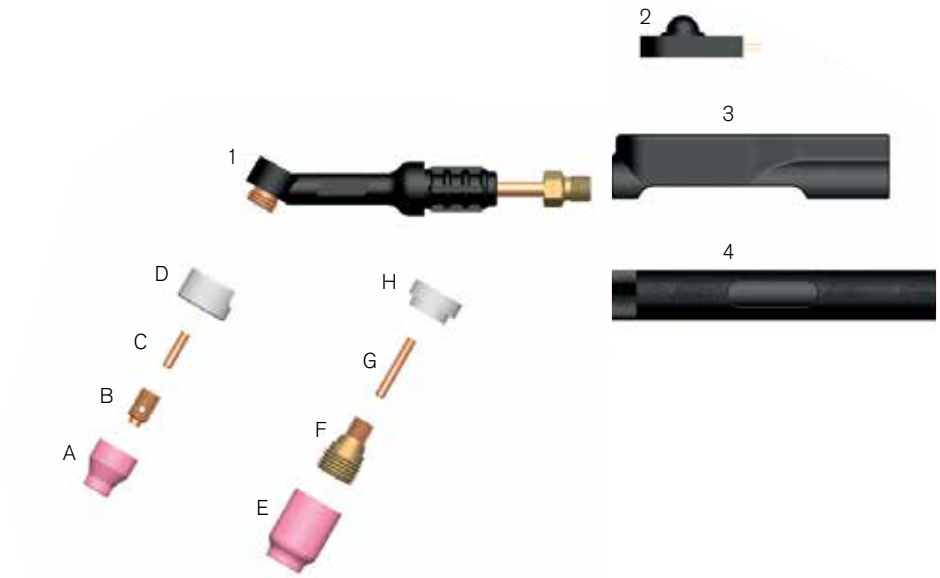
CODE	DESCRIPTION
-2	End fitting with 3/8" BSP nut and lug on power
-2IX	End fitting with 3/8" BSP nut and 35-50 Twist lock on power, Gas hose 1.5m Longer
-2-I	End fitting with 3/8" BSP nut and 10-25 Twist lock on power, Gas hose 1.5m Longer

Other end fittings available on request



WP24

AIR COOLED TIG TORCH
80A DC, 50A AC @ 60% Duty Cycle, EN60974-7,
0.5mm-1.6mm (.020”-3/32”) Electrodes





STOCK CODE		DESCRIPTION
1	WP24	Torch Body including Cup Gasket
2	950	Microswitch Bulbous
NI	950F	Micro Switch Flat
3	RDZ0591	Small Snap-On Boot
NI	607664	Rubber Boot
4	105Z55	Handle

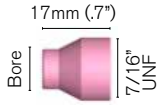
COMPLETE PACKAGE
WP24-12SSW / 25SSW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Ceramic Cups

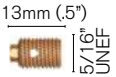
A



STOCK CODE	SIZE	BORE
53N24	4	6mm (1/4")
53N25	5	8mm (5/16")
53N27	6	10mm (3/8")

Collet Bodies

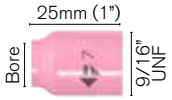
B



STOCK CODE	ELECTRODE SIZE
53N18	1.0mm (.040")
53N19	1.6mm (1/16")

Gas Lens Cups

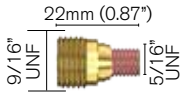
E



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies

F



45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")

Collets

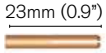
C



STOCK CODE	ELECTRODE SIZE
53N16	1.0mm (040")
53N14	1.6mm (1/16")

Gas Lens Collet

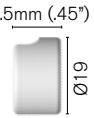
G



53N64	1.6mm (1/16")

Cup Gasket

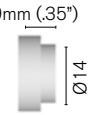
D



STOCK CODE
53N22

Gas Lens Insulator

H



53N66

NEW - GAS SAVER RANGE
See pages 160-161 for more information.



WP9

AIR COOLED TIG TORCH
125A DC, 100A AC @ 60% Duty Cycle,
EN60974-7, 0.5mm-2.4mm
(.020"-3/32") Electrodes



STOCK CODE	DESCRIPTION
1 WP9	Torch Body Including Cup Gasket
2 98W77	Back Cap 'O' Ring
3 41V24	Back Cap Long 145mm (5.71")
4 41V35	Back Cap Medium 48mm (1.9")
5 41V33	Back Cap Short 19mm (.75")
6 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
7 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot

STOCK CODE	DESCRIPTION
8 105Z55	Handle
9 WP9V	Torch Body Valve
10 VS-2	Valve Stem
11 WP9FX	Torch Body Flexible
12 WP9P	Torch Body Pencil
NI WP9VFX	Torch Body Flexi Valve

Full Parts Breakdown Available
Visit www.parweld.com for more information.

COMPLETE PACKAGE
WP9(FX)-12SSW / 25SSW

HOW TO ORDER
See pages 217 for more information.
For alternative cable plugs and terminations see pages 183 -192.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



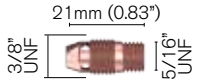
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

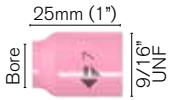
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")

Gas Lens Cups

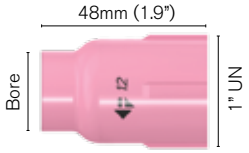
G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

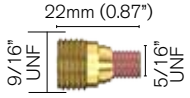
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

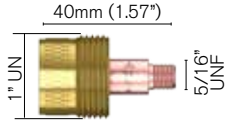
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")

Large Diameter Gas Lens Bodies

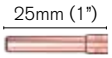
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

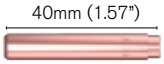
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")

Large Diameter Collets

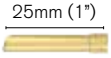
K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Wedge Collets

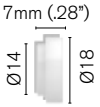
M



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")

Cup Gasket

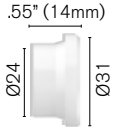
F



STOCK CODE
598882

Large Diameter Gas Lens Insulator

L



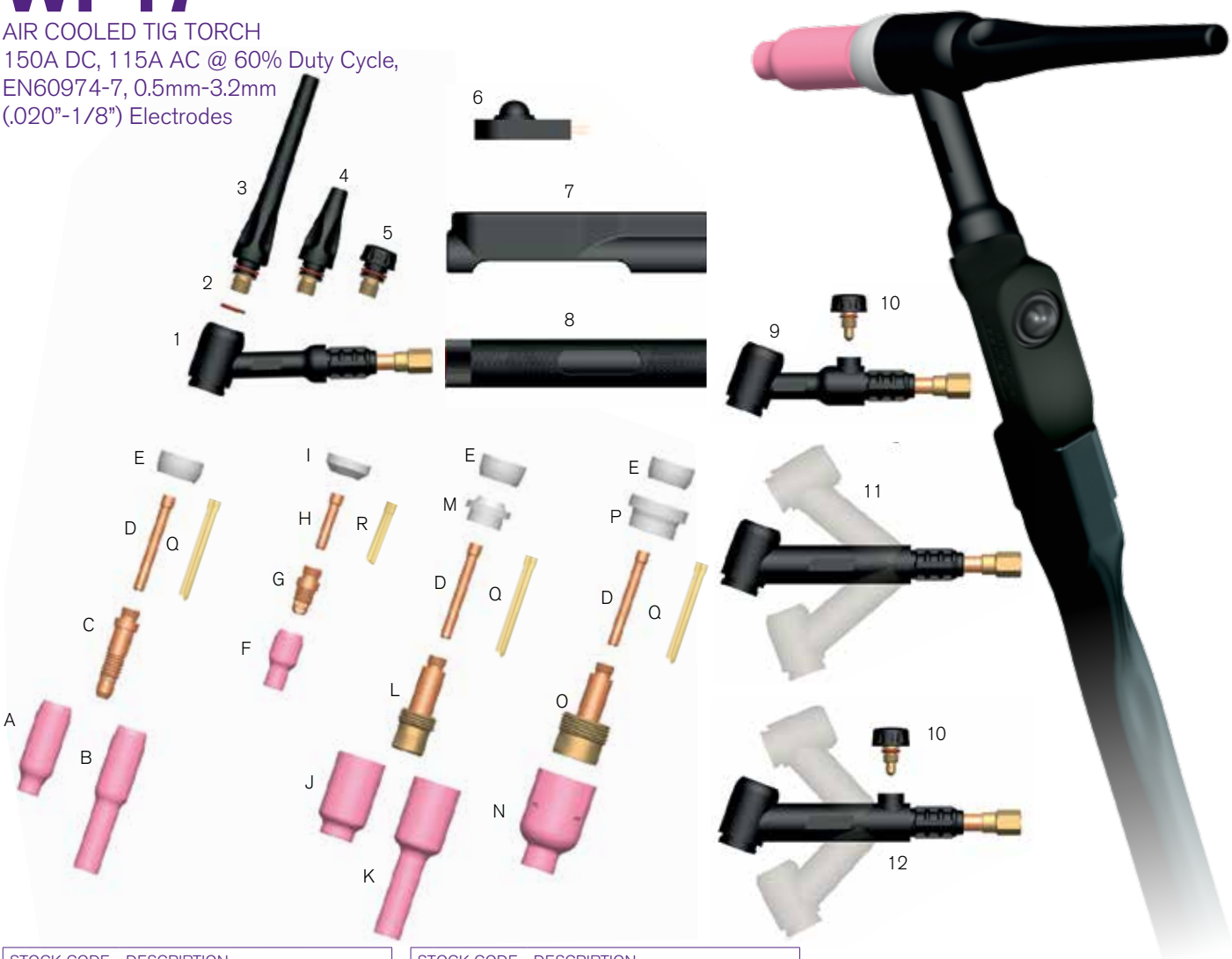
54N63-20

NEW - GAS SAVER RANGE
See pages 160-161 for more information.

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

WP17

AIR COOLED TIG TORCH
150A DC, 115A AC @ 60% Duty Cycle,
EN60974-7, 0.5mm-3.2mm
(.020"-1/8") Electrodes



STOCK CODE	DESCRIPTION
1 WP17	Torch Body Including Cup Gasket
2 98W18	Back Cap 'O' Ring
3 57Y02	Back Cap Long 112mm (4.41")
4 57Y05	Back Cap Medium 48mm (1.9")
5 57Y04	Back Cap Short 24mm (.04")
6 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
7 RDZ0591	Small Snap-On Boot

STOCK CODE	DESCRIPTION
NI 607664	Rubber Boot
8 105Z55	Handle
9 WP17V	Torch Body Valve
10 VS-2	Valve Stem
11 WP17FX	Torch Body Flexible
12 WP17VFX	Torch Body Flexi Valve

TRIGGER KITS AVAILABLE SEE PAGE 168
PIPE WALKER CERAMICS SEE PAGE 163

COMPLETE PACKAGE
WP17(FX) -12SSW / 25SSW

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

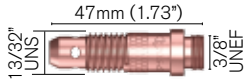
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

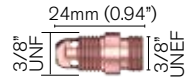
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")

Stubby Collet Body

G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

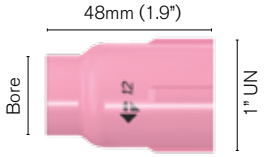
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

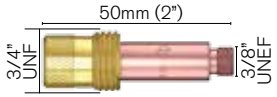
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

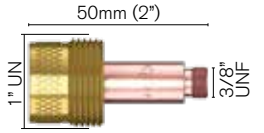
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")

Large Diameter Gas Lens Bodies

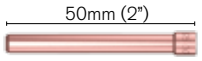
O



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets

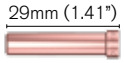
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")

Stubby Collets

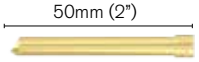
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

NEW Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets

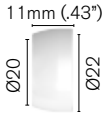
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

E



STOCK CODE
18CG

Stubby Cup Gasket

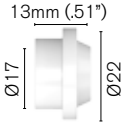
I



18CG20

Gas Lens Insulator

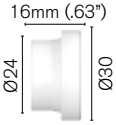
M



54N01	Use with 18CG

Large Gas Lens Insulator

P



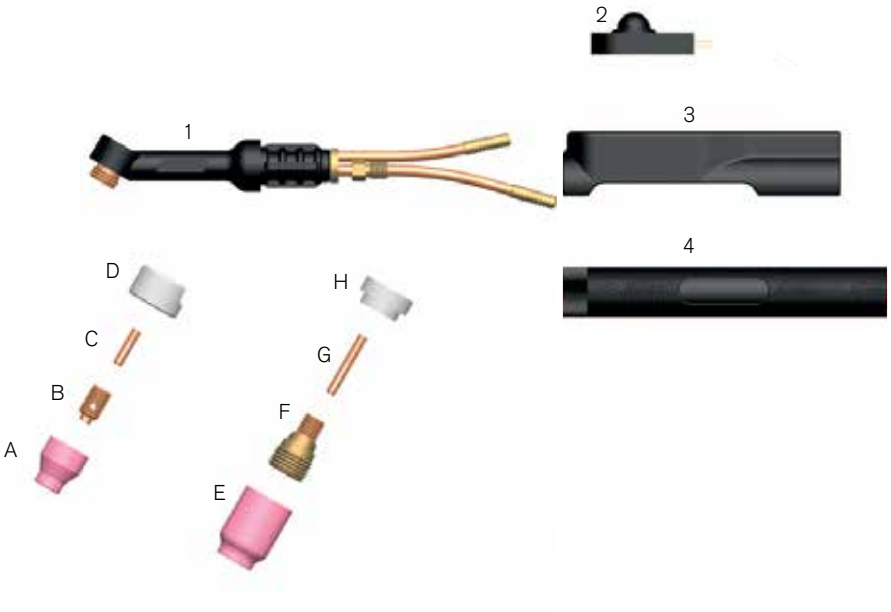
54N63	Use with 18CG

NEW - GAS SAVER RANGE
See pages 160-161 for more information.

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

WP24W

WATER COOLED TIG TORCH
180A DC, 150A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-1.6mm (.020"-3/32") Electrodes





STOCK CODE		DESCRIPTION
1	WP24W	Torch Body including Cup Gasket
2	950	Microswitch Bulbous
NI	950F	Micro Switch Flat
3	RDZ0591	Small Snap-On Boot
NI	607664	Rubber Boot
4	105Z55	Handle

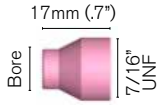
COMPLETE PACKAGE
WP24W-12SSW / 25SSW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Ceramic Cups

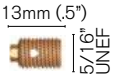
A



STOCK CODE	SIZE	BORE
53N24	4	6mm (1/4")
53N25	5	8mm (5/16")
53N27	6	10mm (3/8")

Collet Bodies

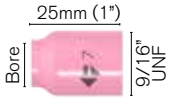
B



STOCK CODE	ELECTRODE SIZE
53N18	1.0mm (.040")
53N19	1.6mm (1/16")

Gas Lens Cups

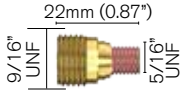
E



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies

F



45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")

Collets

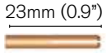
C



STOCK CODE	ELECTRODE SIZE
53N16	1.0mm (040")
53N14	1.6mm (1/16")

Gas Lens Collet

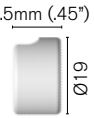
G



53N64	1.6mm (1/16")

Cup Gasket

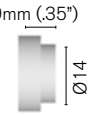
D



STOCK CODE
53N22

Gas Lens Insulator

H



53N66



WP25

WATER COOLED TIG TORCH
200A DC, 150A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-3.2mm (.020”-1/8”) Electrodes



STOCK CODE		DESCRIPTION
1	WP25	Torch Body including Cup Gasket
2	950	Microswitch Bulbous
NI	950F	Micro Switch Flat
3	RDZ0591	Small Snap-On Boot
NI	607664	Rubber Boot
4	105Z55	Handle

COMPLETE PACKAGE
WP25-12SSW / 25SSW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



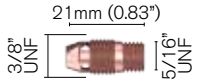
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

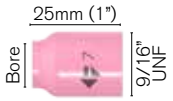
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups

G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

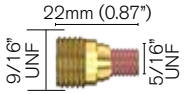
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

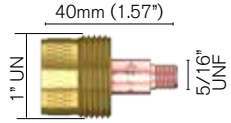
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies

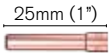
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

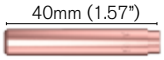
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets

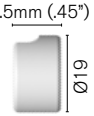
K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Cup Gasket

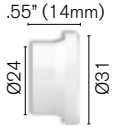
F



STOCK CODE
53N22

Large Diameter Gas Lens Insulator

L



54N63-20

WP26

AIR COOLED TIG TORCH
200A DC, 150A AC @ 60% Duty Cycle,
EN60974-7, 0.5mm-4.0mm
(.020"-5/32") Electrodes







COMPLETE PACKAGE
WP26(FX)-12SSW / 25SSW

STOCK CODE	DESCRIPTION
1 WP26	Torch Body including Cup Gasket
2 98W18	Back Cap 'O' Ring
3 57Y02	Back Cap Long 112mm (4.41")
4 57Y05	Back Cap Medium 48mm (1.9")
5 57Y04	Back Cap Short 24mm (.04")
6 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
7 RDZ0590	Large Snap-On Boot
NI 607663	Rubber Boot

STOCK CODE	DESCRIPTION
8 10N15	Handle
9 VS-1	Valve Stem
10 WP26V	Torch Body Valve
11 WP26FX	Torch Body Flexible
12 WP26VFX	Torch Body Flexi Valve

TRIGGER KITS AVAILABLE SEE PAGE 168
PIPE WALKER CERAMICS SEE PAGE 163

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

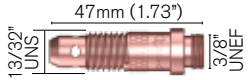
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

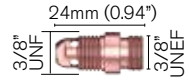
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body

G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

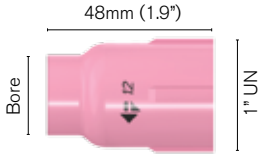
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

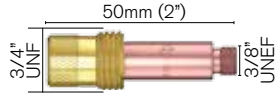
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

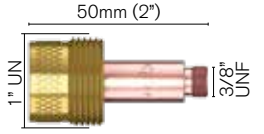
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies

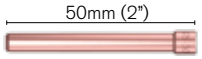
O



45V116	1.6mm (1/16")	
45V64	2.4mm (3/32")	
995795	3.2mm (1/8")	

Collets

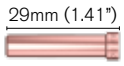
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets

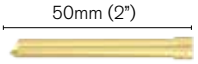
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Stubby Wedge Collets

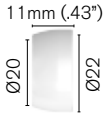
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

E



STOCK CODE
18CG

Stubby Cup Gasket

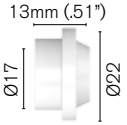
I



18CG20

Gas Lens Insulator

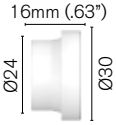
M



54N01	Use with 18CG

Large Gas Lens Insulator

P



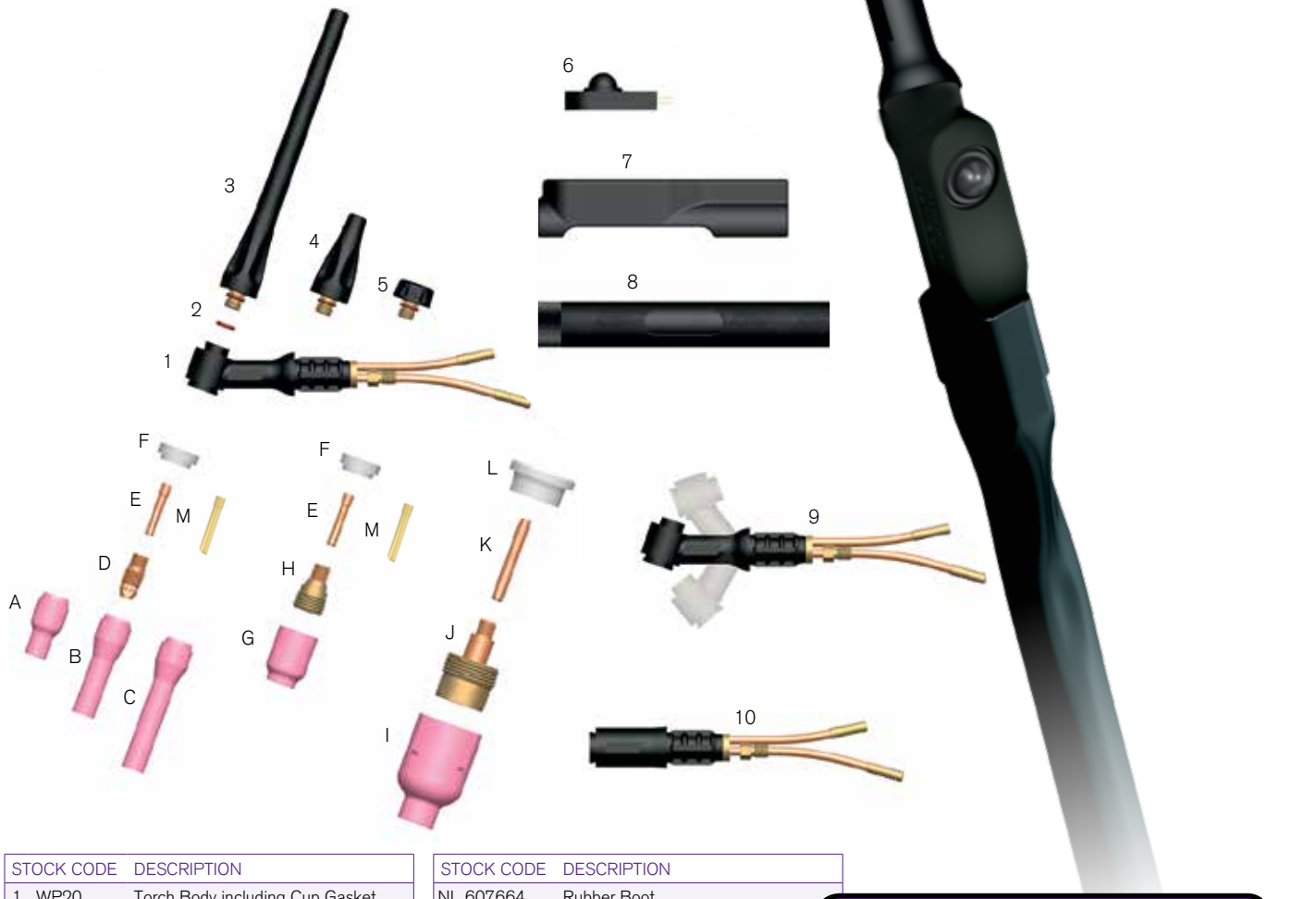
54N63	Use with 18CG

NEW - GAS SAVER RANGE
See pages 160-161 for more information.

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

WP20

WATER COOLED TIG TORCH
250A DC, 190A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-3.2mm (.020”-1/8”) Electrodes



STOCK CODE	DESCRIPTION
1 WP20	Torch Body including Cup Gasket
2 98W77	Back Cap ‘O’ Ring
3 41V24	Back Cap Long 145mm (5.71”)
4 41V35	Back Cap Medium 48mm (1.9”)
5 41V33	Back Cap Short 19mm (.75”)
6 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
7 RDZ0591	Small Snap-On Boot

STOCK CODE	DESCRIPTION
NI 607664	Rubber Boot
8 105Z55	Handle
9 WP20FX	Torch Body Flexible
10 WP20P	Torch Body Pencil

COMPLETE PACKAGE
WP20(FX)-12SSW / 25SSW

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 217 for more information.
For alternative cable plugs and terminations see pages 183 -192.

Stubby Ceramic Cups

A



STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Long Ceramic Cups

B



796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Extra Long Ceramic Cups

C



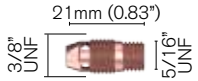
796F74	3XL	5mm (3/16")



796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies

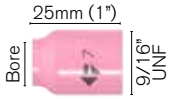
D



STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups

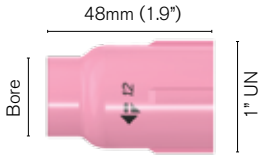
G



STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups

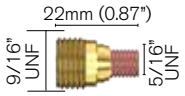
I



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

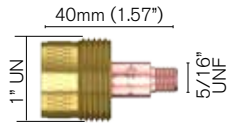
H



STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies

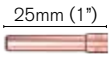
J



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets

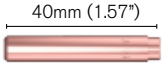
E



STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets

K



13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

Wedge Collets

M



13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

Cup Gasket

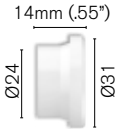
F



STOCK CODE
598882

Large Diameter Gas Lens Insulator

L



54N63-20

NEW - GAS SAVER RANGE
See pages 160-161 for more information.

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

WP18

WATER COOLED TIG TORCH
350A DC, 260A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-4.0mm (.020”-5/32”) Electrodes



STOCK CODE	DESCRIPTION
1 WP18	Torch Body including Cup Gasket
2 98W18	Back Cap ‘O’ Ring
3 57Y02	Back Cap Long 112mm (4.41”)
4 57Y05	Back Cap Medium 48mm (1.9”)
5 57Y04	Back Cap Short 24mm (04”)
6 950	Microswitch Bulbous
NI 950F	Micro Switch Flat

STOCK CODE	DESCRIPTION
7 RDZ0590	Large Snap-On Boot
8 10N15	Handle
9 WP18FX	Torch Body Flexible
10 WP18SP	Torch Body Pencil

TRIGGER KITS AVAILABLE SEE PAGE 168
PIPE WALKER CERAMICS SEE PAGE 163

COMPLETE PACKAGE
WP18(FX)-12SSW / 25SSW

HOW TO ORDER
See pages 217 for more information.
For alternative cable plugs and terminations see pages 183 -192.

Ceramic Cups

A



STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups

B



10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups

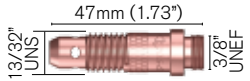
F



13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies

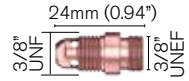
C



STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body

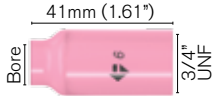
G



17CB20	0.5-3.2mm (.020-1/8")

Gas Lens Cups

J



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

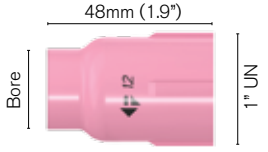
K



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups

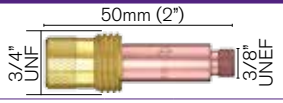
N



57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies

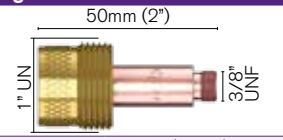
L



STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies

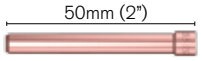
O



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets

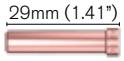
D



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets

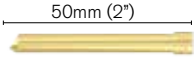
H



10N21S	0.5mm (.020")
10N22S	1.0mm (.040")
10N23S	1.6mm (1/16")
10N24S	2.4mm (3/32")
10N25S	3.2mm (1/8")

Wedge Collets

Q



10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

Stubby Wedge Collets

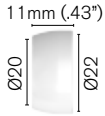
R



10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket

E



STOCK CODE
18CG

Stubby Cup Gasket

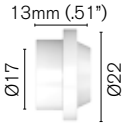
I



18CG20

Gas Lens Insulator

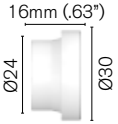
M



54N01	Use with 18CG

Large Gas Lens Insulator

P



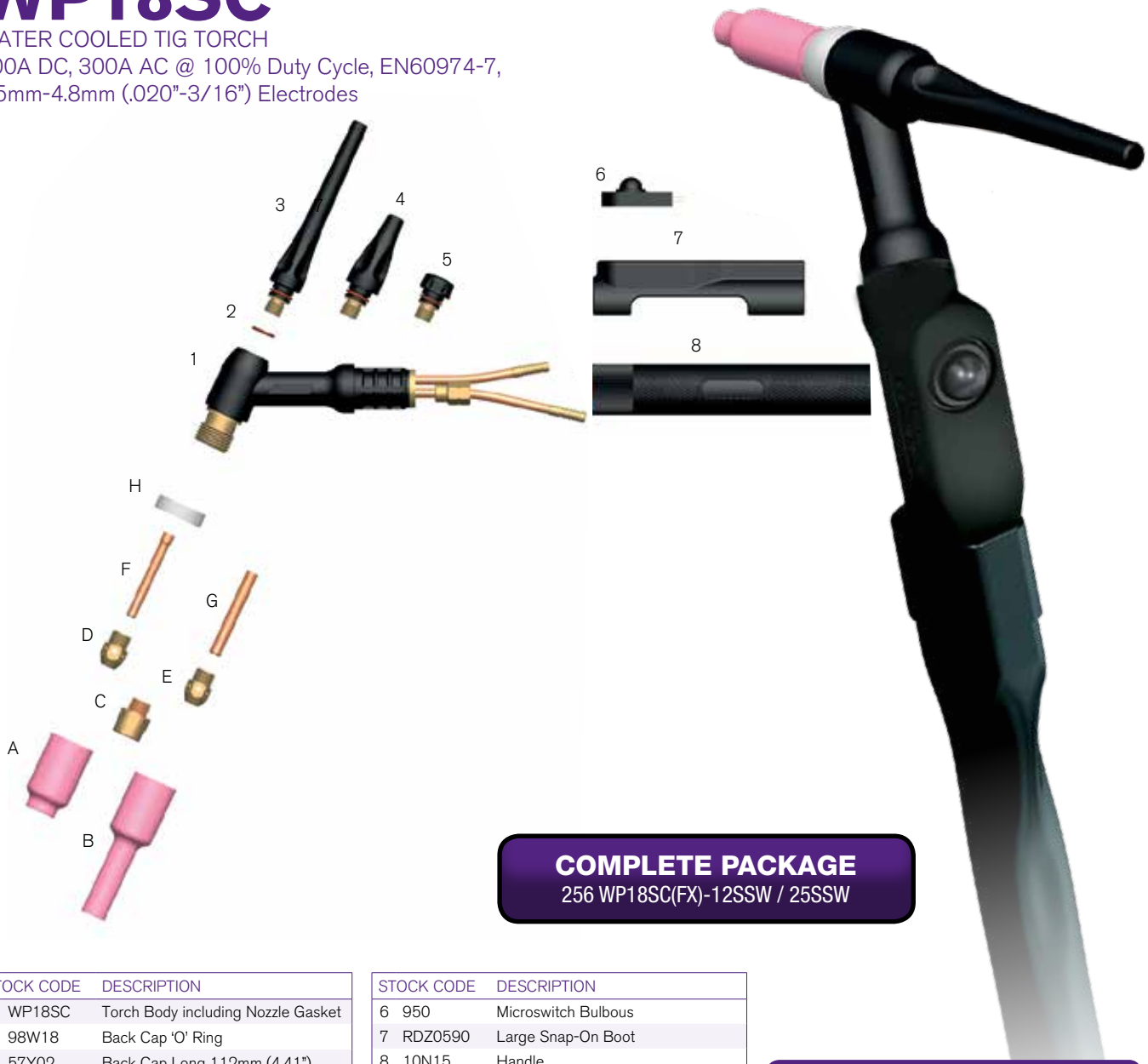
54N63	Use with 18CG

NEW - GAS SAVER RANGE
See pages 160-161 for more information.

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

WP18SC

WATER COOLED TIG TORCH
400A DC, 300A AC @ 100% Duty Cycle, EN60974-7,
0.5mm-4.8mm (.020”-3/16”) Electrodes



COMPLETE PACKAGE
256 WP18SC(FX)-12SSW / 25SSW

STOCK CODE	DESCRIPTION
1 WP18SC	Torch Body including Nozzle Gasket
2 98W18	Back Cap ‘O’ Ring
3 57Y02	Back Cap Long 112mm (4.41”)
4 57Y05	Back Cap Medium 48mm (1.9”)
5 57Y04	Back Cap Short 24mm (.04”)

STOCK CODE	DESCRIPTION
6 950	Microswitch Bulbous
7 RDZ0590	Large Snap-On Boot
8 10N15	Handle

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 217 for more information. For alternative cable plugs and terminations see pages 183 -192.

Gas Lens Cups

A



STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

Long Gas Lens Cups

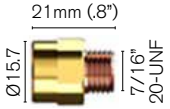
B



54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Gas Lens Bodies

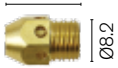
C



STOCK CODE	ELECTRODE SIZE
18GL16	1.6mm (1/16")
18GL32	2.4mm (3/32")
18GL18	3.2mm (1/8")
18GL53	4.0mm (5/32")
18GL36	4.8mm (3/16")

Standard Nose Collet Body

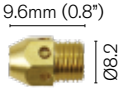
D



STOCK CODE	ELECTRODE SIZE
NCB-53	3.4mm

Heavy Duty Nose Collet Body

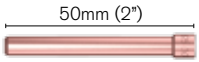
E



NCB-36	5mm

Collets

F



STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Heavy Duty Collets

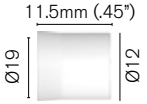
G



10N25HD	3.2mm (1/8")
54N20HD	4.0mm (5/32")
18C36	4.8mm (3/16")

Cup Gasket

H

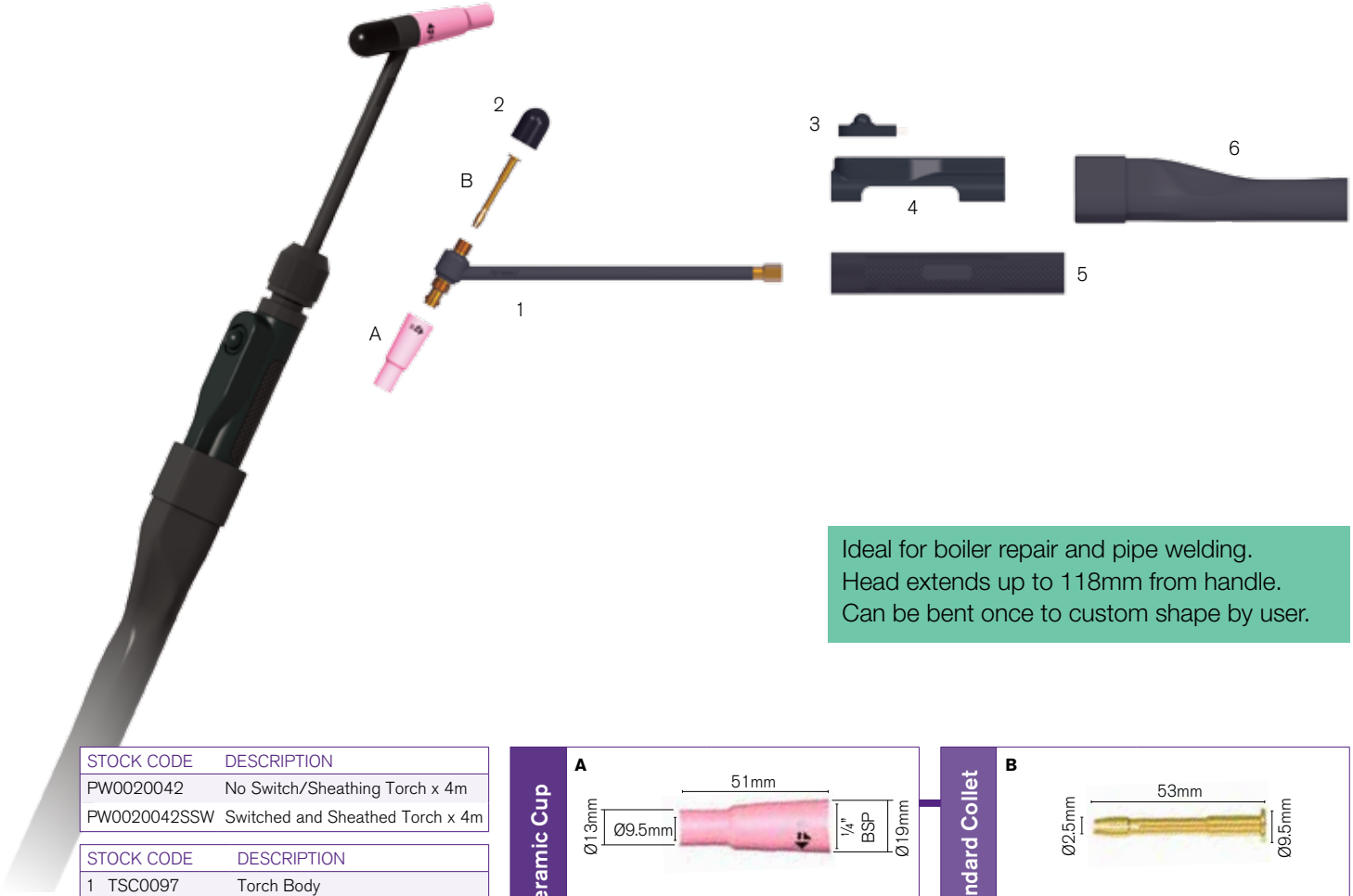


STOCK CODE
18NG

UPGRADE TO PRO-GRIP MAX™
See pages 182 for more information.

HCAR

AIR COOLED TIG SITE CONSTRUCTION TORCH
200A DC, 150 AC @ 60% Duty Cycle, EN60974 -7,
1.6mm-3.2mm (1/16"-1/8") Electrodes



Ideal for boiler repair and pipe welding.
Head extends up to 118mm from handle.
Can be bent once to custom shape by user.

STOCK CODE	DESCRIPTION
PW0020042	No Switch/Sheathing Torch x 4m
PW0020042SSW	Switched and Sheathed Torch x 4m

STOCK CODE	DESCRIPTION
1 TSC0097	Torch Body
2 TSC0094	Short Back Cap
3 950	Mircoswitch Bulbous
4 RDZ0590	Large Snap on Boot
5 608811	Black Handle Large Threaded
6 609123RM	Neoprene Sheathe x 4m

Ceramic Cup

A

STOCK CODE	BORE
TSC0065	TSC0065

Standard Collet

B

STOCK CODE	BORE
T08200100	2.4mm (3/32")

Full Parts Breakdown Available
Visit www.parweld.com for more information.

CONSUMABLES FOR TW 450

Standard Alumina Cups

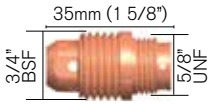
A



STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689*	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Collet Bodies

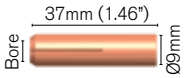
B



STOCK CODE	BORE
606090*	1.2mm-6.4mm (3/64"-1/4")

Collets

C

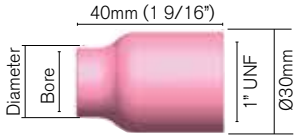


STOCK CODE	BORE
889796	1.2mm (3/64")
889797	1.6mm (1/16")
889683	2.4mm (3/32")
889684*	3.2mm (1/8")
889685	4.0mm (5/32")
889686	4.8mm (3/16")
889687	6.4mm (1/4")

*** Denotes standard build**

Standard Alumina Cups

B



STOCK CODE	DIAMETER	BORE
889699	14mm (9/16")	10mm (3/8")
889700	17mm (11/16")	13mm (1/2")
889701	20mm (25/32")	15mm (5/8")

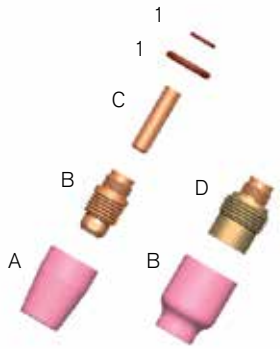
Gas Lens Collet Bodies

D



STOCK CODE	BORE
606194	6.5mm (1/4")
0314300	6.5mm (1/4")

FOR A COMPLETE TORCH USE ALTERATIVE PRO550W



'O' RING PACK



BS111
BACK CAP



BS013
HEAD INTERNAL



BS210
CERAMIC SEAL

	STOCK CODE	DESCRIPTION
1	889692	'O' Ring Pack

Full Parts Breakdown Available
Visit www.parweld.com for more information.

SUITED SPECIFICALLY TO YOUR WORKPLACE

parweld

WELDER TRAINING

- ☑ MACHINE SET UP
- ☑ WELDING PROCESSES
- ☑ WELDING SAFETY
- ☑ WELDING IN DIFFERENT ENVIRONMENTS

We know that welding at a prepared welding station won't cut it for many industrial workers, that's why we're willing to come to your place of work to train welders in the same environment they'll be working in.

OUR SERVICES

Our training service will allow welders to obtain certification to a BS EN standard

OUR TRAINING

LEARN EVERYTHING THERE IS TO KNOW ABOUT WELDING

WHY CHOOSE US

With over 40 years experience at the forefront of the welding industry, Parweld has both the knowledge and insight to provide complete welder training.

- Welding Processes
- Welding in Different Environments
- Welding Safety
- Correct Procedures
- Welding Industry Leaders
- Track Record of Delivering in the Welding Industry



ALL WITH OUR DEMONSTRATOR

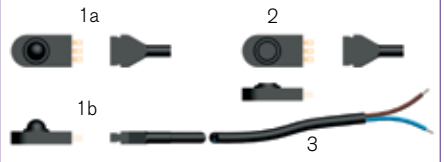
SANTÉ SUSCA

LCGI. Eng Tech. Tech Weldl.
CSWIP Registered Master Welding Instructor.

T 01299 266 800
E s.susca@parweld.co.uk

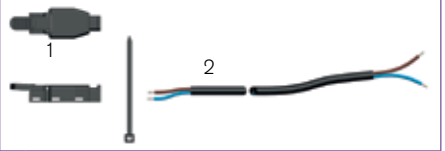
EXTENSION CABLES/SWITCHES

MOMENTARY SWITCH



STOCK CODE		DESCRIPTION
1a	950-CR	Crouzet Bulbous
1b	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



STOCK CODE	DESCRIPTION
1 952	TIG Switch Lever Type
2 952-40	Switch & Leads x 4m
952-80	Switch & Leads x 8m

NYLON ZIPPER COVERS



STOCK CODE	DESCRIPTION
3" WIDTH	
WC-3-10	Nylon Zipper Cover 3m (10ft)
WC-3-12	Nylon Zipper Cover 3.6m (12ft)
WC-3-22	Nylon Zipper Cover 6.7m (22ft)
WC-3-25	Nylon Zipper Cover 7.6m (25ft)
4" WIDTH	
WC-4-12	Nylon Zipper Cover 3.6m (12ft)
WC-4-25	Nylon Zipper Cover 7.6m (25ft)

LEATHER ZIPPER COVERS



STOCK CODE	DESCRIPTION
3" WIDTH	
WL-3-10	Leather Zipper Cover 3m (10ft)
WL-3-12	Leather Zipper Cover 3.6m (12ft)
WL-3-22	Leather Zipper Cover 6.7m (22ft)
WL-3-25	Leather Zipper Cover 7.6m (25ft)
4" WIDTH	
WL-4-12	Leather Zipper Cover 3.6m (12ft)
WL-4-25	Leather Zipper Cover 7.6m (25ft)

AIR COOLED EXTENSION CABLES



STOCK CODE	DESCRIPTION
600602	Complete A/C Extension Kit 25ft 200A

WATER COOLED EXTENSION CABLES



STOCK CODE	DESCRIPTION
600601	Complete W/C Extension Kit 25ft 350A

SNAP ON WATER CONNECTORS



FEMALE CONNECTOR

STOCK CODE	DESCRIPTION	COLOUR	DIM A
B5034	Brass Female 5mm Tail	Brass	5mm
801223	Chrome Female 8mm Tail	Chrome	8mm
8462450	Chrome Female 7mm Tail Blue	Blue	7mm
8462451	Chrome Female 7mm Tail Red	Red	7mm

NIPPLE



STOCK CODE	DESCRIPTION	DIM A
B5023	Water Nipple	5.5mm
B5032	Water Nipple	8mm

CABLE ADAPTORS



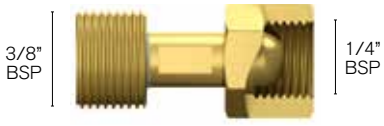
STOCK CODE	DESCRIPTION
608382	Adaptor 1/4" BSP Male x 3/8" BSP Female



STOCK CODE	DESCRIPTION
608608	Adaptor 3/8" BSP Male x 7/8" UNF RH Male



STOCK CODE	DESCRIPTION
608609	Adaptor 3/8" BSP Male x 7/8" UNF LH Male



STOCK CODE	DESCRIPTION
608538	Adaptor 3/8" BSP Male x 1/4" BSP Female



STOCK CODE	DESCRIPTION
0315070	Equal Coupler 3/8" BSP Male



STOCK CODE	DESCRIPTION
608605	Adaptor 3/8" BSP Male x 5/8" UNF RH Male



STOCK CODE	DESCRIPTION
608606	3/8" BSP Male x 5/8" UNF LH Male



STOCK CODE	DESCRIPTION
608618	Adaptor 3/8" BSP Male x Quick Fit Gas (Migatronic®)



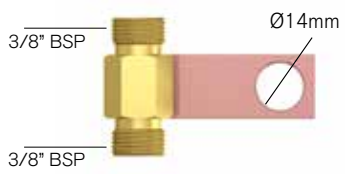
STOCK CODE	DESCRIPTION
608615	Adaptor M14 x 1" Male x 1/4" BSP Female



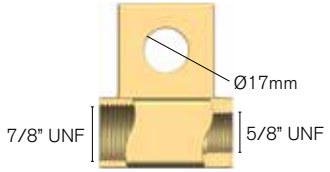
STOCK CODE	DESCRIPTION
608619	Adaptor 3/8" BSP Male x Quick Fit Water

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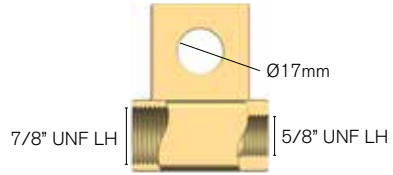
POWER ADAPTORS



STOCK CODE	DESCRIPTION
0315012	Lug Power Adaptor 3/8" BSP Male



STOCK CODE	DESCRIPTION
45V62	Lug Power Adaptor 7/8" UNF RH Male to 5/8" UNF RH Female



STOCK CODE	DESCRIPTION
45V11	Lug Power Adaptor 7/8" UNF LH Male to 5/8" UNF LH Female



STOCK CODE	1
D1625-1-1	3/8" BSP
D1625-1-4	1/4" BSP



STOCK CODE	1
D3595-1-1	3/8" BSP
D3595-1-3	5/8" UNF RH
D3595-1-4	1/4" BSP
D3595-1-5	M12
D3595-1-6	5/8" UNF LH Male
D3595-1-8	1/8" BSP
D3595-1-9	9/16" UNF RH
D3595-1-QF	Quick Fit
D3595-1-L	Lincoln® QF

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PARWELD PLASMA

Designed with perfect balance and endless comfort, the Parweld Plasma range utilises our Pro-Grip™ handle style.

The contoured ergonomic handle allows a relaxed hold, while the low cable exit improves control. The precisely angled design offers a neutral wrist position for ultimate comfort.

CEBORA® CONSUMABLES 245

CEBORA® PROF 90/120/150/160 246

HYPERTHERM® HYP 45 247

XTP125 HAND TORCH 248

PARWELD XT4000 249

PARWELD PT100 250

TRAFIMET® CONSUMABLES 251

TRAFIMET® S45 252

TRAFIMET® A81 253

TRAFIMET® A101 254

TRAFIMET® A141 255

TRAFIMET® A151 256

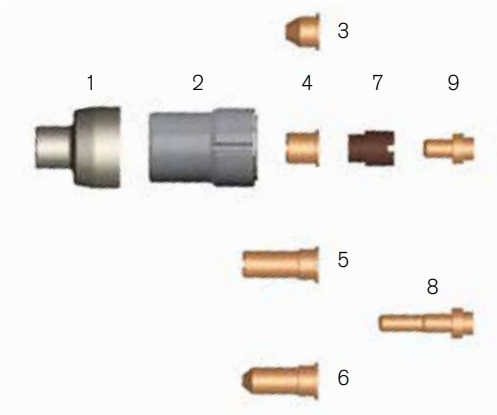
ALTERNATE PIN CONFIGURATIONS 257

The use of the brand named Cebora®, Hypertherm® and Trafimet® are for ease of product identification the parts and torches listed in this section are not manufactured or endorsed by the brand owner

CEBORA® CONSUMABLES

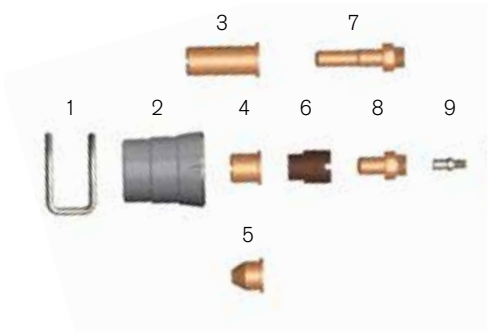
Compatible Parts

PROF 35HF/50



	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

PROF 70



	STOCK CODE	DESCRIPTION
1	C1394	Spacer Spring
2	5.710.171	Nozzle Retaining Cap
3	C1395	Extended Cutting Tip 1.0mm 50A
3	C1395/L	Extended Cutting Tip 1.2mm 70A
4	C1396	Cutting Tip Long Life 1.0mm 50A
4	C1308	Cutting Tip Long Life 1.2mm 70A
5	C1305	Cutting Tip 1.0mm Conical
6	C1510	Swirl Ring
7	C1403	Extended Electrode
8	C1402	Electrode
9	3.065.204	Diffuser

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CEBORA® PROF 90/120/150/160

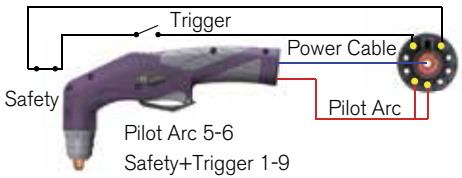
Compatible Parts

150A @ 60% Duty Cycle,
EN60974-7





PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTPR90-6-18	C1571	Torch x 6m Composite Cable	1/8" BSP
XTPR90-6-CC	C1576	Torch x 6m 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		
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
6	C1372	Cutting Tip 1.3mm-40-90A
6	C1373	Cutting Tip 1.6mm-80-120A
6	C1374	Cutting Tip 1.8mm-110-150A
6	C1375	Gouging Tip 3.0mm
7	C1377	Swirl Ring Vespel
8	C1376	Electrode Hafnium

CONSUMABLES		
9	C1378	Diffuser
10	C1398	'O' Ring-Torch Head
11	PWC1353	Torch Head c/w C1378 Diffuser
12	PWC910	Handle c/w Trigger
13	C3055623	Handle-Machine Torch
14	C1354	Torch Head-Machine
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
18	C1391	Flat Cutting Tip 1.6mm 80-120A
18	C1392	Flat Cutting Tip 1.8mm 110-150A

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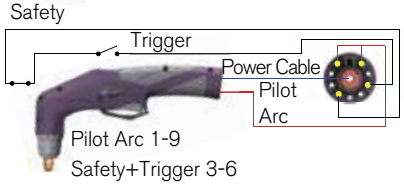
HYPERTHERM® HYP 45

Compatible Parts

70A @ 60% Duty Cycle,
EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL		
STOCK CODE	DESCRIPTION	TERMINATION
XTHY45-6C-CC	Torch x 6m 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		

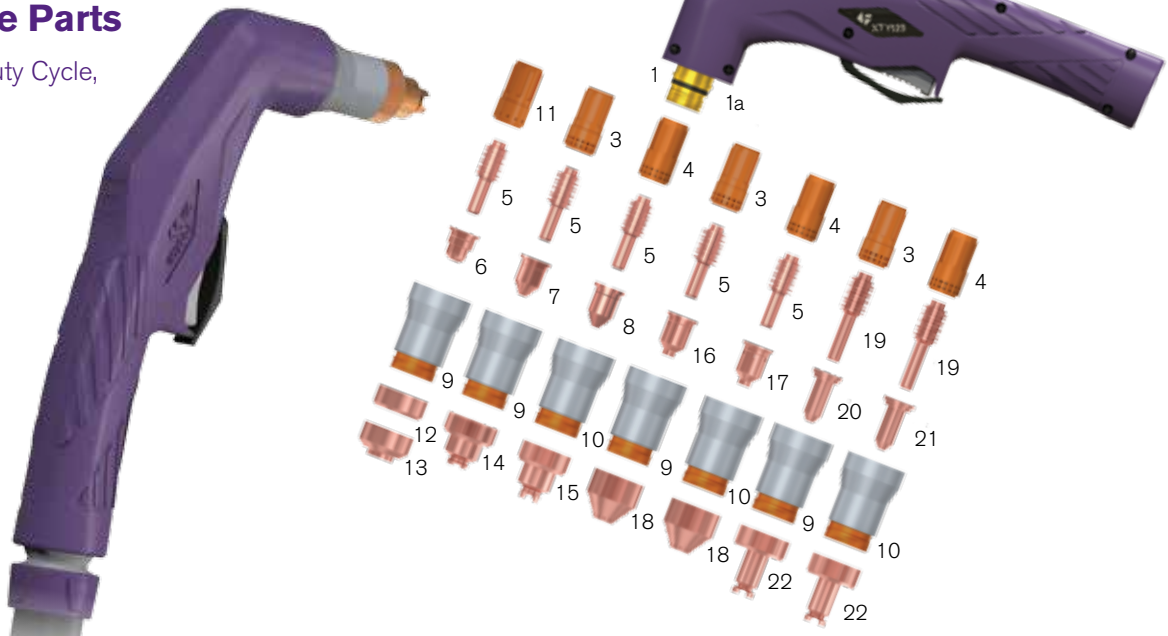
CONSUMABLES		
STOCK CODE		DESCRIPTION
1	220674	Hand Cutting Shield
2	220713	Retaining Cap (Parweld Torch)
3	220671	Cutting Tip 20 50A
4	220670	Swirl Ring
5	220669	Electrode
6	P228346	Torch Head
7	058503	'O' Ring
8	PWHY4011	Handle c/w Switch

The Hypertherm® Trademark is used for reference only in order to identify the compatibility of the parts. These parts are not manufactured, supplied or endorsed by Hypertherm®

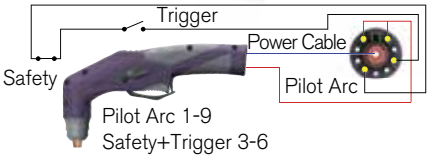
XTP125 HAND TORCH

Compatible Parts

125A @ 60% Duty Cycle,
EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL

STOCK CODE	DESCRIPTION	TERMINATION
XTY125-6X-14	XTY125 Plasma Cutting Torch x 6MT Coaxial Cable	1/4 BSP
XTY125-6X-CC	XTY125 Plasma Cutting Torch x 6MT Coaxial Cable	Central Connector

TECHNICAL DATA

Standard Length	6 and 10m	Duty Cycle 60%	125 A
Air Consumption	295 l/Min	Start Method	Pneumatic Ignition
Air Pressure	5.0-6.0 Bar	Cutting Thickness	30-35 mm

CONSUMABLES

	STOCK CODE	DESCRIPTION
1	HP1205	Hand Torch Head
1a	03700.60	'O' Ring
2	PWXT8511	Handle with Trigger
3	60042	Swirl Ring, 45-85A
4	60040*	Swirl Ring, 100-125A
5	52677*	Electrode, 45-125A
6	51415	Tip, Cutting, 45A Precision Cut
7	51416	Tip, Cutting, 45A
	51417	Tip, Cutting, 65A
	51418	Tip, Cutting, 85A

CONSUMABLES

	STOCK CODE	DESCRIPTION
8	51419	Tip, Cutting, 105A
	51419.16*	Tip, Cutting, 125A
9	60309TA	Shield Cup Body, 45-85A
10	60309TC*	Shield Cup Body, 100-125A
11	60032	Swirl Ring, 45A, Precision Cut Maximum Life
12	51928	Thread Cover Deflector
13	51931	Deflector, 45A Precision Cut
14	51921	Shield Cap, Hand, 45-85A
15	51926*	Shield Cap, Hand, 100-125A

CONSUMABLES

	STOCK CODE	DESCRIPTION
16	51417G	Tip, Gouging, 65-85A
17	51418G	Tip, Gouging, 105A
	51419G	Tip, Gouging, 125A
18	51927G	Shield Cap, Gouging
19	52677L	Extended Electrode
20	51417L.12	Extended Tip, 65A
	51417L.13	Extended Tip, 85A
21	51417L.15	Extended Tip, 105A
	51417L.17	Extended Tip, 125A
22	51926L	Extended Shield 65-125A

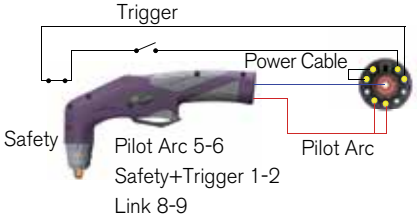
PARWELD® XT4000

Compatible Parts

60A @ 60% Duty Cycle,
EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTP40-6-CC	XT4000	Parweld 60A Plasma Cutting Torch x 6m Coaxial Cable	Central Connector
XTP40M-6-CC	XT4000	Parweld 60A Machine Cutting Torch	Central Connector
XTP40-6-M4	XT4000	Parweld 60A Plasma Cutting Torch x 6m Composite Cable	M14
XTP40-6-SP	XT4000	Parweld 60A Plasma Cutting Torch x 6m Composite Cable	Separates

TECHNICAL DATA			
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	60A
Air Consumption	150 l/min	Start Method	Pneumatic Ignition

CONSUMABLES		
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
5	XT4005-11F	Flat Cutting Tip 1.1mm 50-60A
6	XT4005-08L	Extended Cutting Tip 0.8mm 20-30A

CONSUMABLES		
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

PARWELD® PT100

Compatible Parts

100A @ 60% Duty Cycle,
EN60974-7





PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL		
STOCK CODE	DESCRIPTION	TERMINATION
XTP105-6-CC	Torch x 6m Separate Cable	Central Connector

TECHNICAL DATA			
Voltage Class	M	Duty Cycle @ 60%	100A
Standard Length	6m	Start Method	Pneumatic
Air Consumption	180 l/min		
Air Pressure	5 Bar		

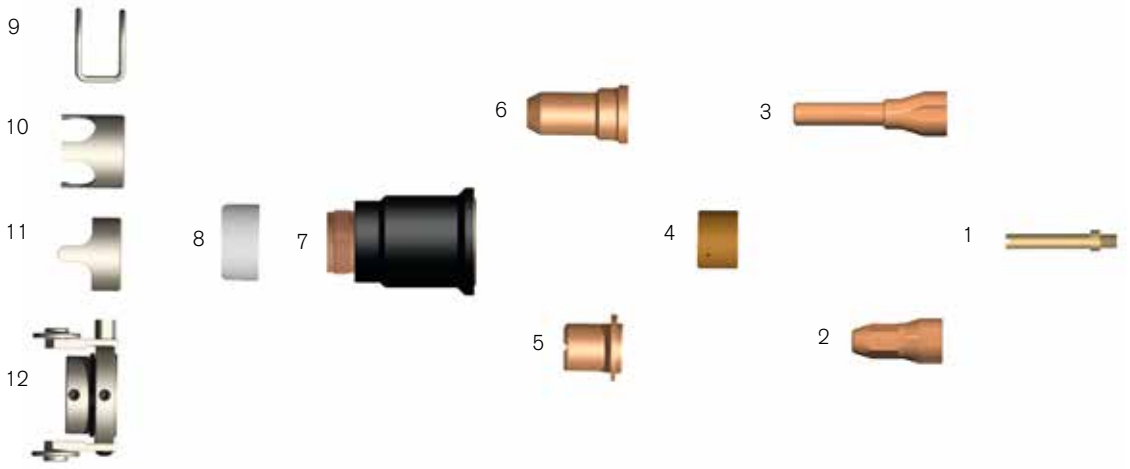
CONSUMABLES		
STOCK CODE		DESCRIPTION
1	P1005	Torch Head
2	59700-48	Cooling Tube
3	60026	Swirl Ring
4	52556	Electrode
5	51248-14	Cutting Tip 80-90A 1.4mm

CONSUMABLES		
STOCK CODE		DESCRIPTION
5	51248-15	Cutting Tip 100-110A 1.5mm
6	60501	Outer Cap
7	60444	Two Pins Crown Shield
8	PWXT8511	Handle c/w Trigger

TRAFIMET® CONSUMABLES

Compatible Parts

S75



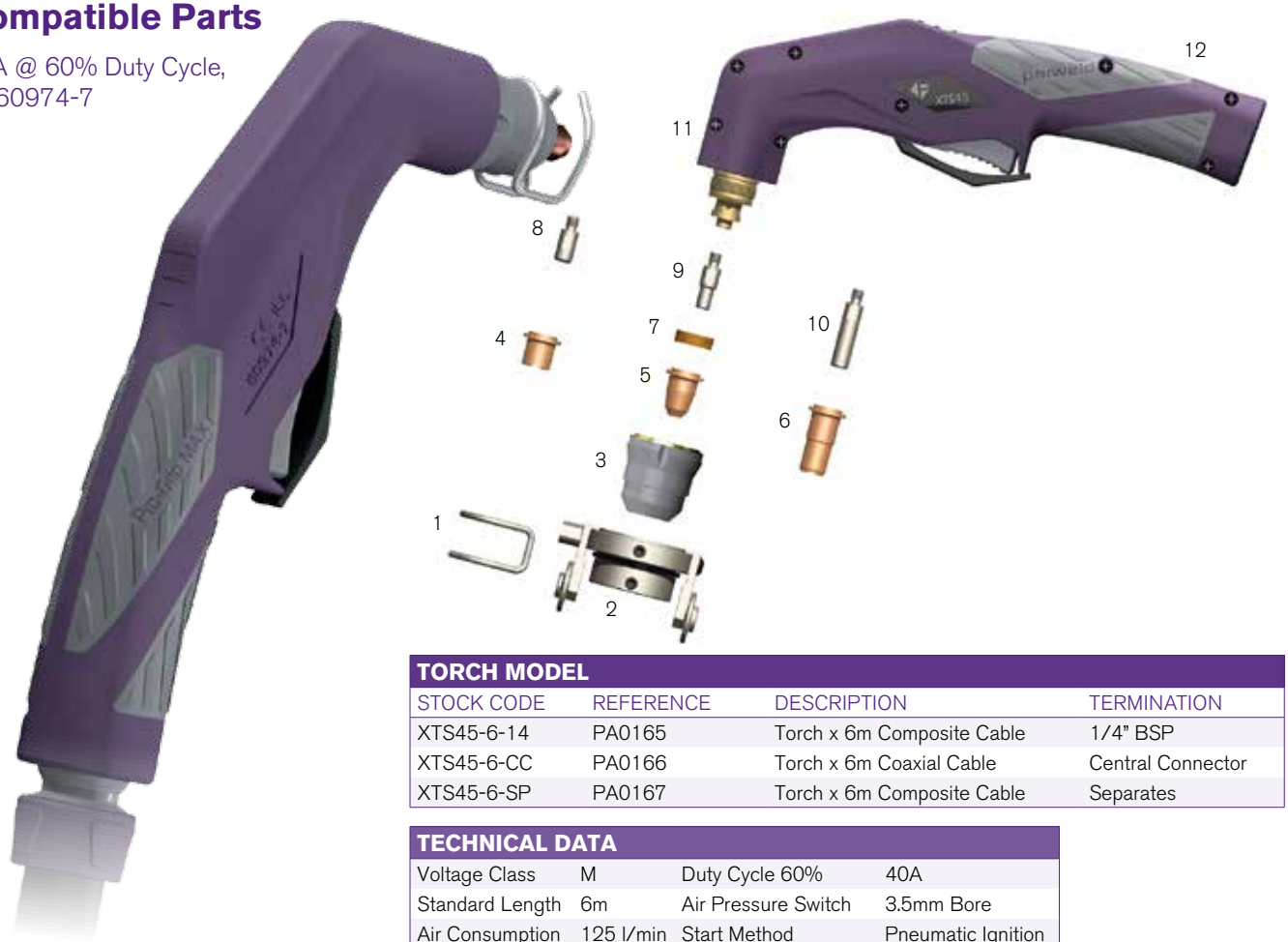
	STOCK CODE	DESCRIPTION
1	FH647	Diffuser
2	PR117	Electrode
3	PR119	Long Electrode
4	PE112	Swirl Ring
5	PD114-10	Cutting Tip 50A 1.0mm
5	PD114-12	Cutting Tip 50A 1.2mm
6	PD118-10	Long Cutting Tip 50A 1.0mm
7	PC114	Outer Cap (c/w CV76)
8	CV76	Protective Cover
9	CV28	Wire Stand Off Guide
10	CV33	Castle Stand Off Guide
11	CV26	2 Pin Stand Off Guide
12	CV51	Wheeled Stand Off Guide

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TRAFIMET® S45

Compatible Parts

40A @ 60% Duty Cycle,
EN60974-7



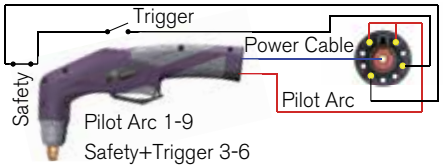
TORCH MODEL

STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTS45-6-14	PA0165	Torch x 6m Composite Cable	1/4" BSP
XTS45-6-CC	PA0166	Torch x 6m Coaxial Cable	Central Connector
XTS45-6-SP	PA0167	Torch x 6m Composite Cable	Separates

TECHNICAL DATA

Voltage Class	M	Duty Cycle 60%	40A
Standard Length	6m	Air Pressure Switch	3.5mm Bore
Air Consumption	125 l/min	Start Method	Pneumatic Ignition
Air Pressure	5 Bar		

PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

CONSUMABLES

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
5	PD116-08	Long Cutting Tip 0.8mm
5	PD116-09	Long Cutting Tip 0.9mm
6	PD103-09	Extra Long Cutting Tip 0.9mm

CONSUMABLES

6	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
12	PWTP80	Handle c/w Trigger

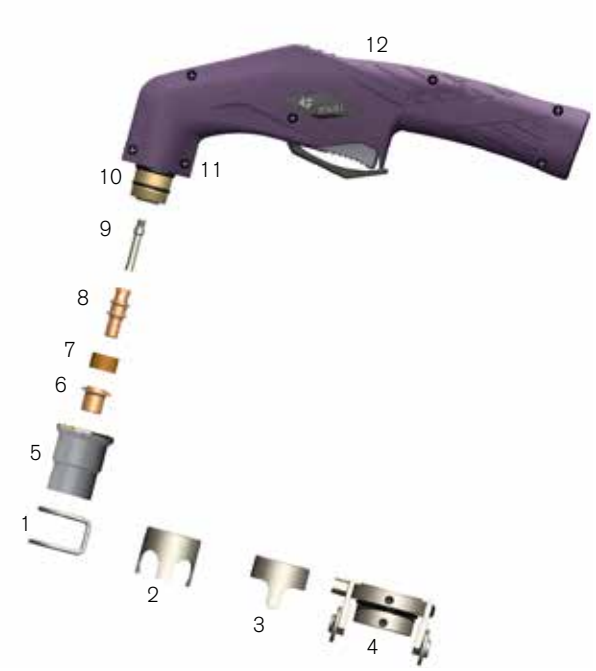
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TRAFIMET® A81

Compatible Parts

80A @ 60% Duty Cycle,
EN60974-7

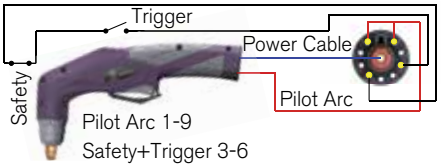




TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTA81-6-38	PA1400	Torch x 6m Composite Cable	3/8" BSP
XTA81-6-CC	PA1402	Torch x 6m Coaxial Cable	Central Connector

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		

PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

CONSUMABLES		
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
6	PD105-11	Cutting Tip 1.1mm
6	PD105-12	Cutting Tip 1.2mm

CONSUMABLES		
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 c/w Trigger

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TRAFIMET® A101

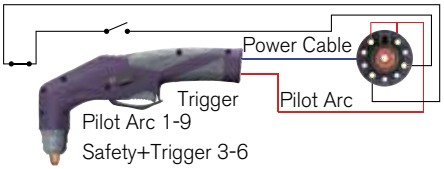
Compatible Parts

100A @ 60% Duty Cycle,
EN60974-7





PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL

STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTA101-6-M4	PA1450	Torch x 6m Composite Cable	M14
XTA101-6-CC	PA1452	Torch x 6m Coaxial Cable	Central Connector
XTA101-6-14	PA1454	Torch x 6m 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

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
8	PC130	Contact Cutting Nozzle Long Life
9	PC109	Outside Nozzle
9	PC111	Heavy Duty Nozzle

CONSUMABLES

10	PD117-14	Long Cutting Tip 1.4mm
10	PD117-17	Long Cutting Tip 1.7mm
10	PD117-19	Long Cutting Tip 1.9mm
11	PD111	Long Cutting Tip 1.0mm
12	PD101-11	Cutting Tip 1.1mm
12	PD101-14	Cutting Tip 1.4mm
12	PD101-17	Cutting Tip 1.7mm
13	PE103	Air Diffuser

CONSUMABLES

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 c/w Trigger
21	FH297	Insulator Washer

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TRAFIMET® A141

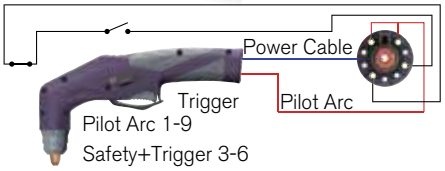
Compatible Parts

140A @ 60% Duty Cycle,
EN60974-7





PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL

STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTA141-6-M4	PA1500	Torch x 6m Composite Cable	M14
XTA141-12-M4	PA1501	Torch x 12m Composite Cable	M14
XTA141-6-14	PA1502	Torch x 6m Composite Cable	1/4" BSP
XTA141-6-CC	PA1504	Torch x 6m Coaxial Cable	Central Connector
XTA141M-6-CC	PA1505	Torch x 6m 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

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	PC103	Contact Cutting Nozzle
8	PC131	Contact Cutting Nozzle Long Life
9	PC101	Outside Nozzle
9	PC102	Heavy Duty Nozzle
10	PD117-14	Long Cutting Tip 1.4mm

CONSUMABLES

10	PD117-17	Long Cutting Tip 1.7mm
10	PD117-19	Long Cutting Tip 1.9mm
11	PD111	Long Cutting Tip 1.0mm
12	PD101-14	Cutting Tip 1.4mm
12	PD101-17	Cutting Tip 1.7mm
12	PD101-19	Cutting Tip 1.9mm
12	PD101-30	Cutting Tip 3.0mm
13	PE103	Air Diffuser Long Cutting Tip

CONSUMABLES

14	PE101	Air Diffuser
15	PR116	Long Electrode
16	PR101	Electrode
17	FH563	Diffuser
18	EA131	'O' Ring
19	PWPF155	Torch Head c/w FH563 Diffuser
20	PWTP110	Handle c/w Trigger
21	FH297	Insulator Washer

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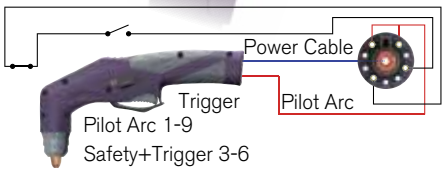
TRAFIMET® A151

Compatible Parts

150A @ 60% Duty Cycle,
EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 257 for more information.

TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTA151-6-M4	PA1550	Torch x 6MT Composite Cable	M14
XTA151-12-M4	PA1551	Torch x 12MT Composite Cable	M14
XTA151-6-14	PA1552	Torch x 6MT Composite Cable	1/4" BSP
XTA151-6-CC	PA1554	Torch x 6MT Coaxial Cable	Central Connector
XTA151M-6-CC	PA1555	Machine 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		
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 & Stand Off Guard
12	BW139	Nozzle Shield
13	PC120	Outside Nozzle
14	PD117-14	Long Cutting Tip 1.4mm

CONSUMABLES		
14	PD117-17	Long Cutting Tip 1.7mm
14	PD117-19	Long Cutting Tip 1.9mm
15	PD111	Long Contact Cutting Tip 1.0mm
16	PD109-14	Cutting Tip 1.4mm
16	PD109-16	Cutting Tip 1.6mm
16	PD109-18	Cutting Tip 1.8mm
16	PD109-30	Cutting Tip 3.0mm

CONSUMABLES		
17	PE103	Air Diffuser
18	PR116	Long Electrode
19	PR111	Electrode
20	FH563	Diffuser
21	EA131	'O' Ring
22	PWPF160	Torch Head c/w HF563 Diffuser
23	PWTP110	Handle c/w Trigger

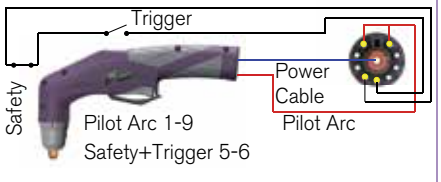
The Trafimet® Trademark is used for reference only in order to identify the compatibility of the parts. These parts are not manufactured, supplied or endorsed by Trafimet®

ALTERNATE PIN CONFIGURATIONS

OPTION 1



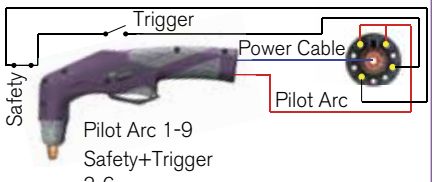
OPTION 2



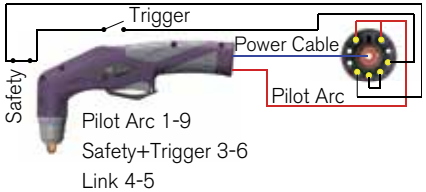
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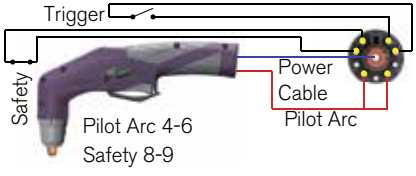
OPTION 4



OPTION 5



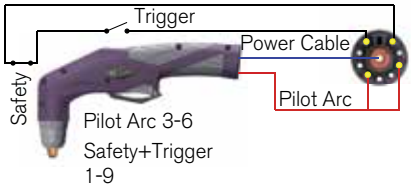
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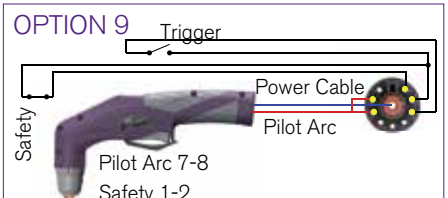
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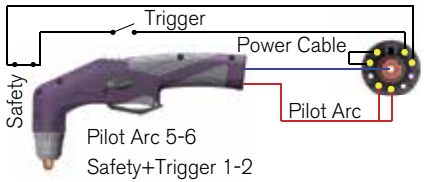
OPTION 8



OPTION 9



OPTION 10



OPTION 11



OPTION 12





parweld

MACHINES

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WELDING AND CUTTING MACHINES

Parweld offers a fully comprehensive range of MIG, TIG, MMA and Plasma machines.
The machine range offers robust, reliable and easy to use welding machines for experienced and beginner welders.

Ranging from small compact machines to suit the occasional maintenance jobs to heavy-duty machines for large fabrication.

Whatever your requirements, Parweld has a machine that will suit your needs.

All our machines are manufactured to ISO/IEC 60974-1, ISO/IEC 60974-6, RoHS directive, low voltage directive, EMC directive (CE Compliant).

MACHINE ICON KEY

- Metal Inert Gas welding (MIG)
- Tungsten Inert Gas welding (TIG)
- Manual Metal Arc welding (MMA)
- Air plasma cutting
- Constant Current control for TIG and MMA applications
- Direct Current output
- Will work with 50 or 60Hz supply
- Suitable for use with single phase supply
- Spot welding timer
- Machine will provide Alternating Current or Direct Current output
- Suitable for use with three phase supply
- Constant Voltage control for MIG welding applications
- Forced air fan cooling
- Two roll MIG wire feeder
- Four roll MIG wire feeder
- Reversing polarity to allow use with Gas or Gasless MIG wires
- Synergic MIG control for fast easy setting
- Stick welding mode for high speed spot welding
- Momentary or latching trigger operation
- Accepts 1Kg or 5Kg wire spools
- Accepts 5Kg or 15Kg wire spools
- Mesh cutting option
- Non HF torch starting with pilot arc
- HF torch starting with pilot arc
- Power pulsing of the output for improved control and penetration
- HF start (non-contact) TIG
- DC mix for increased speed AC welding
- Lift start TIG (contact) with reduced power start
- Scratch (contact) start TIG with full welding current
- Arc force, reduces electrode shorting when to close to the job
- Hot start boosts the power at the start to reignite the electrode cleanly
- Manual Metal Arc welding (MMA)
- No load voltage is reduced when power source is idling
- Multi-wave A/C TIG
- Multi-wave AC welding offers square, sine and triange wave form

MMA INVERTER RANGE

CHOOSE YOUR PERFECT MMA INVERTER

- Ranging from 140-400 Amps.
- Parweld offers a range of lightweight MMA inverter machines ideal for everyday maintenance to heavy applications.
- Enclosure protection IP23S.






	XTS 163	XTS 163DV	XTS 166RC	XTS 204
OUTPUT CURRENT	5-160A DC	5-160A @ 230V 5-140A @ 110V	10-160A @ 230V 10-125A @ 110V	10-200A
INPUT VOLTAGE	230V 1P	110/230V 1P	110/230V 1P	230V 1P
MAX ELECTRODE SIZE	3.2mm	3.2mm	3.2mm	4.0mm
HOT START FUNCTION	✓	✓	✓	✓
ARC FORCE FUNCTION	✓	✓	✓	✓
BASIC/RUTILE FUNCTION	×	✓	✓	✓
CELLULISTIC FUNCTION	×	×	✓	×
LIFT TIG FUNCTION	✓	✓	✓	✓
REMOTE CONTROL	×	×	✓	×
NO LOAD VOLTAGE	45V	50V	81V	50V
CABLE CONNECTION	35-50 Dix	35-50 Dix	35-50 Dix	35-50 Dix
DUTY CYCLE	160A @ 25%	160A @ 25% (230V)	160A @ 40%	200A @ 25%
FUSE RATING	16A	32A @ 110V 16A @ 230V	32A @ 110V 16A @ 230V	32A
INPUT CURRENT (EFFECTIVE)	15.9A	17A @ 110V 15.5A @ 230V	14A @ 230V	20A
KVA	8	8	5.6	10.2
DIMENSIONS (L x W x H mm)	285 x 120 x 250	285 x 120 x 250	375 x 140 x 245	285 x 120 x 250
WEIGHT (KG)	4.7	4.8	7.0	4.8
RECOMMENDED GENERATOR SIZE*	10 KVA	10 KVA	7 KVA	13 KVA
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*Generator requires AVC

PLASMA CUTTER INVERTER RANGE

CHOOSE YOUR PERFECT PLASMA CUTTING MACHINE

- Ranging from 40-100 Amps (0-50mm capacity).
- Parweld offers a range of machines that are ideal for site and workshop applications.
- The XTP 105i offers a CNC automation interface.
- All plasma inverters come with a mesh cutting option.
- Enclosure protection IP23S.







	XTP 40	XTP 63	XTP 105i
OUTPUT CURRENT	10-40A DC	10-60A	20-100A
INPUT VOLTAGE	110/230V 1P	400V 3P	400V 3P
DUTY CYCLE	40A @ 40%	60A @ 40%	100A @ 100%
PRODUCTION CUT CAPACITY	12mm	20mm	30mm
SEVERANCE CUT CAPACITY	20mm	30mm	50mm
STARTING METHOD	Short Circuit	Short Circuit	Short Circuit
FUSE RATING	32A @ 110V 16A @ 230V	20A	32A
INPUT CURRENT (EFFECTIVE)	14.8A @ 110V 18.5A @ 230V	7.6A	21.6A
KVA	3.7	7	13
DIMENSIONS (L x W x H mm)	430 x 170 x 300	450 x 170 x 310	530 x 250 x 400
WEIGHT (KG)	12.6	13	25
RECOMMENDED GENERATOR SIZE*	5 KVA	10 KVA	15 KVA
	Page 272	Page 273	Page 274

*Generator requires AVC

TIG INVERTER RANGE

CHOOSE YOUR PERFECT TIG INVERTER MACHINE

- Ranging from 200-315 Amps.
- Parweld offers a range of TIG inverter machines that are ideal for all production applications.
- Enclosure protection IP23S.



	XTT 212Di	XTT 207DVP	XTT 202P AC/DC	XTT 315Di AC/DC
OUTPUT CURRENT	5-200A DC 10-200A AC	5-200A @ 230V 5-160A @ 110V	5-200A DC 10-200A AC	5-315A DC 10-315A AC
INPUT VOLTAGE	110/230V 1P	110/230V 1P	230V 1P	400V 3P
DUTY CYCLE	200A @ 30%	200A @ 35% 230V 160A @ 40% 110V	200A @ 25%	315A @ 60%
UP SLOPE FUNCTION	0-5s	0-5s	0-10s	0-10s
DOWN SLOPE FUNCTION	0-5s	0-5s	0-10s	0-10s
PRE-FLOW FUNCTION	0-1s	0-1s	0-10s	0-10s
POST FLOW FUNCTION	3-10s	3-10s	0-10s	0-10s
PULSE RATING	0.5-100Hz	0.5-100Hz	250Hz	0.5-200Hz
AC FREQUENCY	50-250Hz	×	50-250Hz	50-250Hz**
WATER COOLER READY	✓	×	×	✓
MMA FUNCTION	✓	✓	×	✓
LIFT TIG FUNCTION	✓	✓	✓	✓
FUSE RATING	16A (32A)	32A @ 110V 16A @ 230V	16A	16A
INPUT CURRENT (EFFECTIVE)	16.2A	28.5A @ 110V 16A @ 230V	18A	17.1A
KVA	6.4	10	10.8	13.6
DIMENSIONS (L x W x H mm)	460 x 170 x 320	376 x 136 x 240	480 x 240 x 400	580 x 240 x 440
WEIGHT (KG)	12	8	22	38
RECOMMENDED GENERATOR SIZE*	9 KVA	13 KVA	14 KVA	17 KVA
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** AC frequency range is restricted at higher amperages
* Generator requires AVC

MIG INVERTER RANGE

CHOOSE YOUR PERFECT MIG INVERTER MACHINE

- Ranging from 160-500 Amps.
- Parweld offers lightweight power saving inverters.
- All come with variable inductance function.



	XTM 161i	XTM 201i	XTM 201Di	XTM 211Di	XTM 221Di
MAXIMUM CURRENT	160A DC	200A DC	140A/200A	140A/200A	140A/200A
WIRE FEED SPEED	2-15m/min	2-18m/min	3.5-21m/min	3.5-21m/min	3.5-21m/min
OUTPUT VOLTAGE	14.5-22V	14.5-24V	14.5-24V	14.5-24V	14.5-24V
VARIABLE INDUCTANCE FUNCTION	✓	✓	✓	✓	✓
WIRE INCHING FUNCTION	×	×	×	✓	✓
BURN BACK CONTROL FUNCTION	✓	✓	✓	✓	✓
GAS TEST FUNCTION	×	×	×	✓	✓
TIG FUNCTION	Lift	Lift	Lift with trigger	HF	HF
TRIGGER LATCHING	✓	✓	✓	✓	✓
SPOOL SIZE	200mm (5kg) 100mm (1kg)	200mm (5kg) 100mm (1kg)	200mm (5kg) 100mm (1kg)	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)
FEED BOX	2R	2R	2R	2R	2R
GASLESS WIRE FUNCTION	✓	✓	✓	×	×
WIRE SIZE	0.6-0.8mm	0.8-1.0mm	0.6-1.0mm	0.6-1.0mm	0.6-1.0mm
MMA FUNCTION	✓	✓	✓	✓	✓
SYNERGIC FUNCTION	✓	✓	×	✓	✓
DUTY CYCLE	160A @ 40%	200A @ 25%	200A @ 25%	200A @ 25%	200A @ 30%
INPUT VOLTAGE	230V 1P	230V 1P	110V/230V	230V 1P	230V 1P
INPUT CURRENT (EFFECTIVE)	16.3A	18A	32A @ 110V 16A @ 230V	MIG - 21.4A@110V/15A@230V TIG - 20.5@110V/11.3A@230V MMA - 20.6@110V/15.4A@230V	MIG-19.4A@110V/14.4A@230V TIG-17.7A@110V/12.5A@230V MMA-21.8A@110V/16.2A@230V PLASMA-21.9A@110V/16.0A@230V
FUSE RATING	16A	16A	32A @ 110V 16A @ 230V	32A @ 110V 16A @ 230V	32A @ 110V / 16A @ 230V
KVA	7.7	10.2	7.8	7.8	7.4
DIMENSIONS (L x W x H mm)	469 x 223 x 421	469 x 223 x 421	490 x 220 x 430	615 x 275 x 495	650 x 275 x 495
WEIGHT (KG)	15.5	15.5	17.5	27.8	30
RECOMMENDED GENERATOR SIZE*	5 KVA	13 KVA	10 KVA	10 KVA	10 KVA
*Generator requires AVC	Page 279	Page 280	Page 281	Page 282	Page 283

MIG INVERTER RANGE



	XTM 255i	XTM 256i	XTM 356i	XTM 405i	XTM 505i
MAXIMUM CURRENT	140A/250A	250A	350A	400A DC	500A DC
WIRE FEED SPEED	1.3-12.5m/min	1.3-12.5m/min	0.5-22m/min	1-20m/min	1-20m/min
OUTPUT VOLTAGE	MIG 14.5-26.5V TIG 10.4-20V MMA 20.4-30V	MIG 14.5-26.5V TIG 10.4-20V MMA 20.4-30V	MIG 15.5-31.5V TIG 10.4-24V MMA 20.4-34V	MIG 15.0-39.0V TIG 20.8-30.0V MMA 20.8-40.0V	MIG 15.0-39.0V TIG 20.8-30.0V MMA 20.8-40.0V
VARIABLE INDUCTANCE FUNCTION	✓	✓	×	✓	✓
WIRE INCHING FUNCTION	✓	✓	✓	✓	✓
BURN BACK CONTROL FUNCTION	✓	✓	✓	✓	✓
GAS TEST FUNCTION	✓	✓	✓	✓	✓
TIG FUNCTION	Lift	Lift	Lift	Lift	Lift
TRIGGER LATCHING	✓	✓	✓	✓	✓
SPOOL SIZE	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)
FEED BOX	4R	4R	4R	4R	4R
GASLESS WIRE FUNCTION	✓	✓	×	×	×
WIRE SIZE	0.6-1.2mm	0.6-1.2mm	0.6-1.2mm	1.0-1.6mm	1.0-1.6mm
MMA FUNCTION	✓	✓	×	✓	✓
SYNERGIC FUNCTION	✓	✓	×	✓	✓
DUTY CYCLE	250A @ 25%	250A @ 35%	350A @ 40%	400A @ 60%	500A @ 60%
INPUT VOLTAGE	110V / 230V 1P	400V 3P	400V 3P	400V 3P	400V 3P
INPUT CURRENT (EFFECTIVE)	MIG - 32.6A @110V / 17.8A @230V TIG - 24.8A @110V / 12.9A @230V MMA - 31.4A @110V / 19.1A @230V	MIG - 9.3A TIG - 7.9A MMA - 10.9A	MIG - 13.5A TIG - 10.2A MMA - 14.5A	MIG - 21.2A TIG - 16.3A MMA - 22.9A	MIG - 36.4A TIG - 37.5A MMA - 31.4A
FUSE RATING	32A/20A	16A	16A	32A	32A
KVA	8.8	11.6	15.9	22	26
DIMENSIONS (L x W x H mm)	1120 x 600 x 1050	1120 x 600 x 1050	1120 x 600 x 1050	1100 x 600 x 1400	1100 x 600 x 1400
WEIGHT (KG)	23	23	24.5	90	90
RECOMMENDED GENERATOR SIZE*	10 KVA	13 KVA	18 KVA	25 KVA	30 KVA
*Generator requires AVC	Page 284	Page 285	Page 286	Page 287	Page 288

AUTOMOTIVE MIG RANGE

CHOOSE YOUR PERFECT AUTOMOTIVE MIG WELDING MACHINE

- Ranging from 165-200 Amps.
- These portable fan cooled transformer machines are fitted with a bottle stand and are ideal for hobby or light automotive use.
- 2 Roll feed box.
- Enclosure protection IP21S.
- 2 Years Warranty.







	XTE 171C	XTE 181C	XTE 201C
MAXIMUM CURRENT	165A DC	185A DC	205A DC
WIRE FEED SPEED	1.5-14mm/min	1.5-14mm/min	1.5-14mm/min
VOLTAGE	19-37V	19.5-38V	19.5-38V
SPOOL SIZE	300mm (15kg) 200mm (5kg)	300mm (15kg) 200mm (5kg)	300mm (15kg)
WIRE SIZE	0.6-0.8mm	0.6-0.8mm	0.6-1.0mm
DUTY CYCLE	165A @ 15%	185A @ 15%	205A @ 15%
INPUT VOLTAGE	230V 1P	230V 1P	230V 1P
INPUT CURRENT (EFFECTIVE)	27A	32A	38A
MINIMUM FUSE SIZE	16A	16A	32A
KVA	6.45	7.35	8.75
DIMENSIONS (L x W x H mm)	705 x 420 x 630	705 x 420 x 630	705 x 420 x 630
WEIGHT (KG)	38.3	40.8	42.8
RECOMMENDED GENERATOR SIZE*	8 KVA	12 KVA	15 KVA
*Generator requires AVC	Page 289	Page 290	Page 291

APT+M MIG RANGE

CHOOSE YOUR PERFECT APT+M MIG WELDING MACHINE

- Ranging from 200-400 Amps.
- Spatter-free steel welding.
- Pulse technology for high quality welding outputs.
- Transition arc eliminates spatter and perform cleaning after welding.
- Ready to use smart welding solutions.
- Enclosure protection IP21S.
- 2 Years Warranty.







	APT+M 220C	APT+M 353C	APT+M 353CW
INPUT VOLTAGE (VAC)	230 ± 10%	400 ± 10%	400 ± 10%
OUTPUT RANGE (MIG, A)	20-200	20-350	20-350
DUTY CYCLE (40OC)	25% : 200 A, 23.0 V	-	-
	60% : 110 A, 19.0 V	60% : 350 A, 29.8 V	60% : 350 A, 29.8 V
	100% : 90 A, 18.1 V	100% : 250 A, 25.3 V	100% : 250 A, 25.3 V
MAX. INPUT POWER (KVA)	7.2	14.7	14.7
OPEN CIRCUIT VOLTAGE (VDC)	75	75	75
DIMENSIONS (H x W x L mm)	610 x 245 x 450	497 x 245 x 372	1128 x 1039 x 532
NET WEIGHT (KG)	26.5	30	60.5
STANDARD ACCESSORIES	3m Power Cable (4 x 2.5 mm^2)	3m Power Cable (4 x 2.5 mm^2)	3m Power Cable (4 x 2.5 mm^2)
ACCESSORIES	2m Ground Cable (16 mm^2)	3m Ground Cable (25 mm^2)	3m Ground Cable (25 mm^2)
INTERCONNECTION			
TROLLEY		✓	✓
WATER COOLER			✓
*Generator requires AVC	Page 295	Page 296	Page 297

COOLING UNIT	APT+M 907C
COMPATIBLE WITH	APT+M 353
COOLING CAPACITY (W)	1300
TANK CAPACITY (L)	5
MAX. PRESSURE (BAR)	5
MAX. TEMP. (OC)	70
STANDARD	CE
DIMENSIONS (H x W x L mm)	243 x 245 x 700
NET WEIGHT (KG)	23

APT+M MIG RANGE

COOLING UNIT	APT+M 907
COMPATIBLE WITH	APT+M 403, APT+M 503
COOLING CAPACITY (W)	1300
TANK CAPACITY (L)	5
MAX. PRESSURE (BAR)	5
MAX. TEMP. (OC)	70
STANDARD	CE
DIMENSIONS (H x W x L mm)	243 X 245 X 700
NET WEIGHT (KG)	23

WIRE FEEDING UNIT	APT+WF
WIRE FEED SPEED (m/min.)	24
MAX SPOOL DIA (mm)	300
DUTY CYCLE (400C)	60% : 600 A
TORCH CONNECTION	EURO
PROTECTION CLASS	IP 21
STANDARDS	CE
DIMENSIONS (H x W x L mm)	336 x 242 x 509
NET WEIGHT (KG)	12

CHOOSE YOUR PERFECT APT+M MIG WELDING MACHINE



	APT+M 403S	APT+M 403SW	APT+M 503S	APT+M 503SW
INPUT VOLTAGE (VAC)	400 ± 10%	400 ± 10%	400 ± 10%	400 ± 10%
OUTPUT RANGE (MIG, A)	20-400	20-400	20-500	20-500
DUTY CYCLE (400°C)	-	-	-	-
	60% : 400 A, 32.0 V	60% : 400 A, 32.0 V	60% : 500 A, 36.5 V	60% : 500 A, 36.5 V
	100% : 300 A, 27.5 V	100% : 300 A, 27.5 V	100% : 400 A, 32.0 V	100% : 400 A, 32.0 V
MAX. INPUT POWER (KVA)	17.8	17.8	24.8	24.8
OPEN CIRCUIT VOLTAGE (VDC)	75	75	75	75
DIMENSIONS (H x W x L mm)	1050 x 1250 x 530	1346 x 1039 x 530	1050 x 1270 x 530	1346 x 1039 x 532
NET WEIGHT (KG)	60	119	92	119
STANDARD ACCESSORIES	3m Power Cable (4 x 4 mm^2)	3m Power Cable (4 x 4 mm^2)	3m Power Cable (4 x 6 mm^2)	3m Power Cable (4 x 6 mm^2)
ACCESSORIES	3m Ground Cable (50 mm^2)	3m Ground Cable (50 mm^2)	3m Ground Cable (50 mm^2)	3m Ground Cable (50 mm^2)
INTERCONNECTION	5m A/C	5m W/C	5m A/C	5m W/C
TROLLEY	✓	✓	✓	✓
WATER COOLER		✓		✓
*Generator requires AVC	Page 298	Page 299	Page 300	Page 301

XTS 163 MMA INVERTER

5 YEAR WARRANTY



MULTI MODE

The XTS 163 MMA uses latest technology to provide a compact and reliable machine, ideal for everyday applications.

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 163 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 163 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.



KEY FEATURES

- 230V input
- Lightweight 4.7kg
- 160A @ 25% duty cycle
- Electrode striking with arc force and re-striking with hot start
- Supplied with electrode holder, 3m cable & 3m earth lead
- Connections 35-50mm twist lock
- Digital amperage display
- Over voltage and over current protection
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	5-160A DC
Input Voltage	230V 1P
Max Electrode Size	3.2mm
No Load Voltage	45V
Cable Connection	35-50 Dix
Duty Cycle	160A @ 25%
Min Fuse Rating	16A
Input Current (Eff)	15.9A
KVA	8
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	285 x 120 x 250
Weight (kg)	4.7

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTS163	160A MMA Inverter 230V
XTS163-P1	Inverter c/w WP17V torch package

For full package contents see page 302

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
WP17V-12-2IX	WP17 TIG Torch 12.5ft
CKE203i	Electrode Holder Cable Kit 3m
CKC203i	Earth Cable Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit Plastic Case
XR935H	Light Reactive Welding Helmet
XTICCS	Small Carry Case

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTS 163DV MMA INVERTER

5 YEAR WARRANTY



MULTI MODE

The XTS 163DV operates on 230 or 110V supply using smart switching technology making it ideal for site use.

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 163DV 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 163DV 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.

KEY FEATURES

- Dual voltage 110/230V
- Smart switching
- 160A @ 25% duty cycle
- Generator friendly
- Easy electrode striking with arc force and re-striking with hot start
- Supplied with electrode holder, 3m cable, 3m earth lead
- Connections 35-50mm twist lock
- Over voltage and over current protection
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	5-160A @ 230V 5-140A @ 110V
Input Voltage	110/230V 1P
Max Electrode Size	3.2mm
No Load Voltage	50V
Cable Connection	35-50 Dix
Duty Cycle	160A @ 25% (230V)
Min Fuse Rating	32A @ 110V 16A @ 230V
Input Current (Eff)	17A @ 110V 15.5A @ 230V
KVA	8
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	285 x 120 x 250
Weight (kg)	4.8

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTS163DV	160A MMA Inverter Dual Voltage
XTS163DV-P1	Inverter c/w WP17V torch package

For full package contents see page 302

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
WP17V-12-2IX	WP17V TIG Torch 12.5ft
CKE203i	Electrode Holder Cable Kit 3m
CKC203i	Earth Cable Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit Plastic Case
XR935H	Light Reactive Welding Helmet
XTICCS	Small Carry Case

XTS 166 RC

MMA INVERTER

5 YEAR WARRANTY



The XTS 166RC is a professional level MMA inverter suitable for site and workshop use. It will run rutile and cellulosic electrodes up to 3.2mm and can accept an optional remote current control for remote working. TIG welding using steel and stainless steel canbe performed.



REMOTE CONTROL PENDANT

GENERATOR FRIENDLY

The XTS 166RC is able to cope with inputs which fluctuate by +/-15% & 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.



KEY FEATURES

- Dual voltage 110/230V 1P PFC
- Lightweight 7kg
- 160A @ 40% duty cycle
- Generator friendly
- Easy electrode re-striking with hot start (MMA)
- Supplied with electrode holder, 3m cable and 3m earth lead
- 81V OCV
- Suitable for cellulistic or rutile electrodes
- Remote current control
- Connections 35-50mm twist lock
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/ IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	10A-160A @ 230V 10A-125A @ 110V
Input Voltage	110/230V 1P
Max Electrode Size	3.2mm
No Load Voltage	81V
Cable Connection	35-50 Dix
Duty Cycle	160A @ 40%
Min Fuse Rating	32A @ 110V 16A @ 230V
Input Current (Eff)	14A @ 230V
KVA	5.6
Generator Size*	7 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	375 x 140 x 245
Weight (kg)	7.0

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTS166RC	160A MMA Inverter c/w Remote Control
XTS166RC-P1	Inverter c/w WP17V Torch package

For full package contents see page 302

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
WP17V-12-2IX	WP17V TIG Torch 12.5ft
CKE203i	Electrode Holder Cable Kit 3m
CKC203i	Earth Cable Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet
XTICC	Carry Case
RC10-5	Remote control pendant 5m

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTS 204 MMA INVERTER

5 YEAR WARRANTY



MULTI MODE

The XTS 204 is a compact but powerful machine ensuring maximum portability and performance.

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 204 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 204 is able to cope with inputs which fluctuate by +/-15% & 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.



KEY FEATURES

- 230V input
- 200A @ 25% duty cycle
- Generator friendly
- Easy electrode striking with arc force & re-striking with hot start
- Supplied with electrode holder, 3m cable, 3m earth lead
- Connections 35-50mm twist lock
- Over voltage and over current protection
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	10-200A
Input Voltage	230V 1P
Max Electrode Size	4.0mm
No Load Voltage	50V
Cable Connection	35-50 Dix
Duty Cycle	200A @ 25%
Min Fuse Rating	32A
Input Current (Eff)	20A
KVA	10.2
Generator Size*	13 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	285 x 120 x 250
Weight (kg)	4.8

*Generator requires AVC

MACHINE PACKAGES	
STOCK CODE	DESCRIPTION
XTS204	200A MMA Inverter 230V
XTS204-P1	MMA Inverter c/w WP17V Torch Package

For full package contents see page 302

ACCESSORY INFORMATION:	
STOCK CODE	DESCRIPTION
WP17V-12-2IX	WP17V TIG Torch 12.5ft
CKE203i	Electrode Holder Cable Kit 3m
CKC203i	Earth Cable Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
WP17AK	TIG Spares Kit in Plastic Case
XR935H	Light Reactive Welding Helmet
XTICCL	Large Carry Case

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTP 40 DUAL VOLTAGE INVERTER PLASMA CUTTER

5 YEAR WARRANTY



VARIABLE OUTPUT

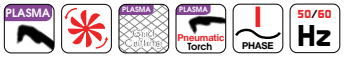
The variable output of the XTP 40 makes it ideal for cutting metals up to 12mm thick where the output power can be fine tuned to minimise dross on the cut edges.

The pilot arc automatically re-ignites enabling easy cutting of mesh or perforated materials. Non HF ignition minimises the risk of interference with electronic systems.

GENERATOR FRIENDLY

The XTP 40 is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators.

The machine is housed in a metal case with carry handle & shoulder strap.



KEY FEATURES

- 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 & 3m earth cable
- Auto over voltage and over current protection
- Includes built in air pressure regulator
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	10-40A DC
Input Voltage	110/230V 1P
Duty Cycle	40A @ 40%
Production Cut Capacity	12mm
Severance Cut Capacity	20mm
Starting Method	Short Circuit
Min Fuse Rating	14.8A @ 110V 18.5A @ 230V
Input Current (Eff)	32A @ 110V 16A @ 230V
KVA	3.7
Generator Size*	5 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	430 x 170 x 300
Weight (kg)	12.6

*Generator requires AVC

Requires compressor that can deliver 125Lpm @ 5 Bar, 4.5CFM @ 75 PSI

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTP40	Inverter Plasma Cutter c/w XT4000 Torch 110/230V

For full package contents see page 302

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
XTP40-6-CC	Torch Package 4m Central Connector
CKC403	Earth Cable Clamp Kit 3m
XR935H	Light Reactive Welding Helmet
XTI40AK	Plasma Spares Kit Plastic Box
CV53	Releasing Tool

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTP 63 INVERTER PLASMA CUTTER

5 YEAR WARRANTY



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 minimises the risk of interference with electronic systems.

GENERATOR FRIENDLY

The XTP 63 is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators.
The machine is housed in a metal case with carry handle.



KEY FEATURES

- 400V 3 phase
- Lightweight 13kg
- 60A @ 40% duty cycle
- Generator friendly
- Ideal for mesh cutting
- 20mm production cut
- 30mm severance cut
- Supplied with XT4000 plasma torch 6m & 3m earth cable
- Auto over voltage and over current protection
- Includes built in air pressure regulator & pressure gauge
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	10-60A
Input Voltage	400V 3P
Duty Cycle	60A @ 40%
Production Cut Capacity	20mm
Severance Cut Capacity	30mm
Starting Method	Short Circuit
Min Fuse Rating	20A
Input Current (Eff)	7.6
KVA	7
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	450 x 170 x 310
Weight (kg)	13

*Generator requires AVC

Requires compressor that can deliver 125 Lpm @ 5 Bar, 4.5CFM @ 75 PSI

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTP63	Inverter Plasma Cutter c/w XT4000 Torch 400V

For full package contents see page 302

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
XTP40-6-CC	Torch Package 6m Central Connector
CKC403	Earth Cable Clamp Kit 3m
XTI40AK	Plasma Spares Kit Plastic Box
XR935H	Light Reactive Welding Helmet

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTP 105i INVERTER PLASMA CUTTER

5 YEAR WARRANTY



VARIABLE OUTPUT

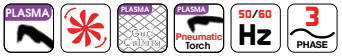
The variable output of the XTP 105 makes it ideal for cutting metals up to 30mm thick. Infinite power control allows the output to be tuned to minimise dross on the cut edges.

The pilot arc can be set to automatically re-ignite enabling easy cutting of mesh or perforated materials. Non HF ignition option minimises the risk of interference with electronic systems.

GENERATOR FRIENDLY

The XTP 105 is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators.

The machine is housed in a metal case with carry handles.



KEY FEATURES

- 400V 3 phase
- 100A @ 100% duty cycle
- Generator friendly
- Mesh cutting mode
- 30mm production cut
- 50mm severance cut
- CNC interface and HF start
- Supplied with XTY120 plasma torch 6m and 3m earth cable
- Auto over voltage and over current protection
- Includes built in air pressure regulator and pressure gauge
- Optional smaller XT4000 torch for operation up to 60A
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	20-100A
Input Voltage	400V 3P
Duty Cycle	100A @ 100%
Production Cut Capacity	30mm
Severance Cut Capacity	50mm
Starting Method	Short Circuit
Min Fuse Rating	32A
Input Current (Eff)	21.6A
KVA	13
Generator Size*	15 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	530 x 250 x 400
Weight (kg)	25

*Generator requires AVC

Requires compressor that can deliver 200 Lpm @ 5 Bar, 7CFM @ 75 PSI

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTP105i	Inverter Plasma Cutter c/w XTY125 Torch 400V

For full package contents see page 302

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
XTY125-6-CC	Hand Torch Package 6m Central Connector
XTYM125-6-CC7	Machine Torch 6m Central Connector
CKC403	Earth Cable Clamp Kit 3m
XTI105AK	Plasma Spares Kit Plastic Box
XR935H	Light Reactive Welding Helmet

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

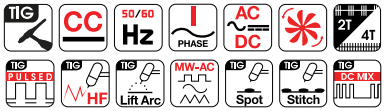
XTT 212Di AC/DC PULSED TIG INVERTER

5 YEAR WARRANTY



Shows optional water cooler

This dual-voltage compact machine offers the user the benefits of a 230V workshop machine with the flexibility of 110V site machine. Compared with the XTT202 AC/DC the XTT212 has a 40% smaller footprint but packs the same punch. Simple, intuitive one-knob control allows for rapid program setting. The XTT212 machine works with digital and analogue on-torch current controls and has a foot control option.



KEY FEATURES

- 110V or 230V Input
- TIG Welds any Metal up to 6mm
- Square Wave AC TIG
- Pulse Function to Superior Arc Control
- Variable Frequency for Faster Welding
- Reduced Footprint
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant



PARAMETER	VALUE
Style	Portable
Machine Type	Inverter
Output Current	230V (110V) 5-200A DC (5-140A) DC 10-200A AC (10-140A) AC
Duty Cycle	200A @ 30% (140A @ 40%)
Input Voltage	110/230V 1P
Pulse Frequency	0.5-200Hz
AC Frequency	50-250Hz
Minimum Fuse Rating	16A (32A)
KVA	6.4
Generator Size*	9 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	460 x 170 x 320
Weight (kg)	12

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTT212Di	200A AC/DC Pulsed TIG Inverter 230V/110V
XTT212Di-P1	Inverter c/w PRO26 Torch & Regulator
XTT212Di-WC	200A TIG Machine with Water Cooler
XTT212Di-WC-P1	Inverter c/w PRO20 Torch, Regulator & Water Cooler

For full package contents see page 304

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
IV26-12SIBD18	Pro-Grip Max™ TIG 200A Air Cooled Torch 12.5ft
IV20-12S3DQ18	Pro-Grip Max™ 20 Torch 12.5ft Water Cooled
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
ERCP18	Trigger Plug
D3595-1-1	TIG Adaptor
700123	Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
XTS908	Water Cooler
XTI902D	Foot Control
XTI903W	Wireless Foot Control
XTICL	Large Carry Case (Air Cooled)

XTT 207DVP PULSED TIG INVERTER

5 YEAR WARRANTY



DC OUTPUT

The XTT 207 DV 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 207 DV is suitable for TIG welding steel and stainless steel using the HF start circuit.

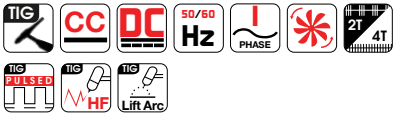
Adjustable power pulsing allows reduced heat input and increased penetration.

GENERATOR FRIENDLY

The XTT 207 DV 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.



KEY FEATURES

- Dual voltage 110-230V 1P
- Lightweight 8kg
- 200A @ 35% duty cycle
- Generator friendly
- TIG welds steel & stainless steel to 6mm
- Adjustable TIG parameters
- Pulse function for superior arc control
- Supplied with 3m earth lead
- Latching trigger option (TIG mode)
- Adjustable down slope option (TIG mode)
- Connections 35-50mm twist lock
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

PARAMETER	VALUE
Output Current	5-200A @ 230V 5-160A @ 110V
Input Voltage	110/230V 1P
Duty Cycle	200A @ 35% 230V 160A @ 40% 110V
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
Min Fuse Rating	32A @ 110V 16A @ 230V
Input Current (Eff)	28.5A @ 110V 16A @ 230V
KVA	10
Generator Size*	13 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	376 x 136 x 240
Weight (kg)	8.0

*Generator requires AVC

MACHINE PACKAGES	
STOCK CODE	DESCRIPTION
XTT207DVP	200A DC Pulsed TIG Inverter DV 110/230V
XTT207DVP-P1	TIG Inverter with PRO26 Torch Package & Regulator

For full package contents see page 304

ACCESSORY INFORMATION	
STOCK CODE	DESCRIPTION
IV26-12S3BD19	Pro-Grip™ 200A Air Cooled Torch x 12.5ft
CKC203I	Electrode Holder Cable Kit 3m
CKE203I	Earth Cables Clamp Kit 3m
D3595-1-1	TIG Adaptor
700123	Regulator Single Stage 2 Gauge
WP26AK	TIG Spares Kit in Plastic Case
ERCP19	Trigger Plug 5 Pin
XR935H	Light Reactive Welding Helmet
TR005	Trolley (air cooled)
TR003	Trolley (water cooled)
XTS904	Water Cooler

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTT 202P AC/DC PULSED TIG INVERTER

5 YEAR WARRANTY



AC/DC OUTPUT

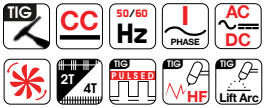
The XTT 202P can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

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.





KEY FEATURES

- 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 twist lock
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS Compliant

PARAMETER	VALUE
Output Current	5-200A DC 10-200A AC
Input Voltage	230V 1P
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 Frequency	250Hz
Min Fuse Rating	16A
Input Current (Eff)	18A
KVA	10.8
Generator Size*	14 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	480 x 240 x 400
Weight (kg)	22

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTT202P	200A AC/DC Pulsed TIG Inverter 230V
XTT202P-P1	Inverter c/w PRO26 Torch & Regulator
XTT202P-P1T	Inverter c/w PRO26 Torch, Regulator & Trolley (TR005)
XTT202P-P1WT	Inverter c/w PRO20 Torch, Regulator, Water Cooler & Trolley (TR005)

For full package contents see page 304

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
IV26-12S3BD18	Pro-Grip™ 200A Air Cooled Torch x 12.5ft
IV20-12S3DQ18	Pro-Grip® 250A Water Cooled Torch x 12.5ft
D3595-1-1	TIG Adaptor
700123	Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit in Plastic Case
WP26AK	TIG Spares Kit in Plastic Case
ERCP18	Trigger Plug
XR935H	Light Reactive Welding Helmet
TR005	Trolley (air cooled)
TR003	Trolley (water cooled)
XTI902D	Foot Control
XTI903W	Wireless Foot control

XTT 315Di AC/DC MULTI WAVE TIG INVERTER

5 YEAR WARRANTY



Shows optional water cooler

AC/DC OUTPUT

The XTT 315Di can be used in both AC and DC modes for TIG or MMA welding allowing the welding of virtually any metal.

Multi-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.

Multi-wave output using Sine, Triangle or Square wave allows precise heat and bead profile control. DC mix mode provides high speed welding

GENERATOR FRIENDLY

The XTT 315Di is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators.

KEY FEATURES

- 400V 3 phase input
- 315A @ 60% 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 twist lock
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Output Current	5-315A DC 10-315A AC
Input Voltage	400V 3P
Duty Cycle	315A @ 60%
Up Slope Function	0-10s
Down Slope Function	0-10s
Pre-flow Function	0-10s
Post Flow Function	0-10s
Pulse Rating	0.5-200Hz
AC Frequency	50-250Hz†
Min Fuse Rating	16A
Input Current (Eff)	17.1A
KVA	13.6
Generator Size*	17 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	580 x 240 x 440
Weight (kg)	38

*Generator requires AVC

†AC frequency range restricted at higher amperages

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTT315Di	XTT315A AC/DC TIG Inverter 400V
XTT315Di-P1	XTT315Di c/w PRO26 Torch & Regulator
XTT315Di-P1W	XTT315Di c/w PRO18 Torch, Regulator, Water Cooler, Trolley & Coolant
XTT315Di-P1WT3	XTT315Di c/w PRO20 Torch, Regulator, Water Cooler, Trolley & Coolant

For full package contents see page 304

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
IV18-12S3DQ18	Pro-Grip Max™ 350A Water Cooled Torch 12.5ft
IV20-12S3DQ18	Pro-Grip Max™ 250A Water Cooled Torch 12.5ft
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
XTI902D	Foot Control
XTI903W	Wireless Foot control
D3595-1-1	TIG Adaptor
700123	Regulator Single Stage 2 Gauge
WP20AK	TIG Spares Kit Plastic Case
WP18AK	TIG Spares Kit Plastic Case
ERCP18	Trigger Plug
XTS910	Water Cooler 400V
TR008	Trolley

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTM 161i SINGLE PHASE MIG INVERTER

5 YEAR WARRANTY



DC OUTPUT

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. Synergic control provides rapid setting. Lightweight construction means the machine is easily portable, and the removable Euro connection torch makes for easy transport and storage. Can be used in MMA, Lift TIG, MIG manual and synergic with or without GAS. Wire sizes of 0.6-0.8mm can be used with ease.

GENERATOR FRIENDLY

The XTM 161i is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators. The machine is housed in a steel case with an integrated carry handle.



KEY FEATURES

- 230V single phase
- 160A @ 40% duty cycle
- Compact and portable
- Synergic MIG
- Lift TIG and MMA
- Accepts 5kg (200mm) spools
- IP23S
- Supplied with 3m Earth Lead
- 2T/4T trigger latching
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter
Max Current	160A DC
Wire Feed Speed	2-15m/min
Voltage	14.5-22V
Spool Size	200mm (5kg) 100mm (1kg)
Feed Box	2R
Wire Size	0.6-0.8mm
Duty Cycle	160A @ 40%
Input Voltage	230V 1P
Min Fuse Rating	16A
Input Current (Eff)	16.3A
KVA	7.7
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	469 x 223 x 421
Weight (kg)	15.5

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTM161i	160A MIG Inverter 230V
XTM161i-P1	Machine c/w MIG Torch and Regulator
XTM161i-P2	Machine c/w TIG Torch and Electrode Lead

For full package contents see page 303

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
ECR1500-30ER	Eco-Grip Max™ MIG 150A Torch 3m
XP200A-30E	XP8 200A MIG Torch
IV17-12IMPG-RTW	TIG Torch x 12ft Air Cooled
CKE203i	Electrode Holder Cable Kit
CKC203i	Earth Cables Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet

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XTM 201i SINGLE PHASE MIG INVERTER

5 YEAR WARRANTY



DC OUTPUT

The smooth DC output ensures excellent arc characteristics. Materials up to 4mm can be welded with ease. Synergic control provides rapid setting. Lightweight construction means the machine is very portable and the removable Euro connection torch makes for easy transport and storage. Can be used in MMA, Lift TIG, MIG manual and synergic with or without GAS. Wire sizes of 0.8-1.0mm can be used with ease.

GENERATOR FRIENDLY

The XTM 201i is able to cope with inputs which fluctuate by +/-15% & can be used with the majority of generators. The machine is housed in a steel case with an integrated carry handle.



KEY FEATURES

- 230V single phase
- 200A @ 25% duty cycle
- Compact and portable
- Synergic MIG
- Lift TIG and MMA
- Accepts 5kg (200mm) spools
- IP23S
- Supplied with 3m Earth Lead
- 2T/4T trigger latching
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 and RoHS compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter
Max Current	200A DC
Wire Feed Speed	2-18m/min
Voltage	18-26.5V
Spool Size	200mm (5kg) 100mm (1kg)
Feed Box	2R
Wire Size	0.8-1.0mm
Duty Cycle	200A @ 25%
Input Voltage	230V 1P
Min Fuse Rating	16A
Input Current (Eff)	18A
KVA	10.2
Generator Size*	13 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	469 x 223 x 421
Weight (kg)	15.5

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTM201i	200A MIG Inverter 230V
XTM201i-P1	Machine c/w MIG Torch and Regulator
XTM201i-P2	Machine c/w TIG Torch and Electrode Lead

For full package contents see page 303

ACCESSORY INFORMATION

ECR1500-30ER	Eco-Grip Max™ 150A MIG Torch 3m
ECR2500-30ER	Eco-Grip Max™ 250A MIG Torch 3m
XP200A-30E	XP8 200A MIG Torch
IV17-12IMPG-RTW	TIG Torch x 12ft Air Cooled
CKE203i	Electrode Holder Cable Kit
CKC203i	Earth Cables Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet

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XTM 201Di

MULTI-PROCESS DIGITAL INVERTER

5 YEAR WARRANTY





The XTM 201Di machine does it all, MIG, DC TIG or MMA. Ideal for welding a range of materials, the XTM 201Di allows the welding of steels, stainless steels and aluminium using MIG, DC TIG or MMA processes.

The multi-language digital user interface rapidly gets you to the correct machine setting with minimal process knowledge, on site or in the workshop.

The helpful display guides the user through machine set up, from how to connect the machine for the chosen process, right through to the correct settings for the particular material thickness.

The machine package includes a remote control MIG torch which allows MIG parameter adjustment directly from the torch.

KEY FEATURES

- Smart switching dual voltage 110-230V
- Accepts 5kg (200mm) or 1kg (100mm) spools
- Supplied with MMA lead set, input cable and gas hose
- Rapid synergic setup for MIG, TIG and MMA welding
- Adjust voltage and wire speed from the torch
- Easy to follow digital user interface
- MIG weld with or without gas
- Display visible in sunlight
- Replaceable screen protector
- MIG weld down to 0.9mm thick material
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/ IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/TIG/MMA
Wire Feed Speed	3.5 - 21m/min
Voltage	MIG - 14.5-24V TIG - 10.4-18V MMA - 20.4-28V
Spool Size	200mm (5kg) 100mm (1kg)
Feed Box	2R
Wire Size	0.6-1.0mm
Duty Cycle	200A @ 25%
Input Voltage	110V/230V
Max Current	140A/200A
Min Current	30A (MIG), 10A (TIG)
Fuse Rating	32A @ 110V 16A @ 230V
Input Current (Eff)	32A @ 110V 26A @ 230V
KVA	7.8
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	490 x 220 x 430
Weight (kg)	17.5

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTM201Di	200A Multi Process Inverter
XTM201Di-PE	Inverter c/w control MIG torch & MIG wire package
XTM201Di-P1	Inverter c/w control MIG torch, MIG wire & regulator package
XTM201Di-P2	Inverter c/w control MIG torch, Pro TIG torch, MIG wire & regulator package
XTM201Di-T	Inverter c/w trolley package
XTM201Di-P1T	Inverter c/w control MIG torch, MIG wire, regulator & trolley package
XTM201Di-PTE	Inverter c/w control MIG torch, MIG wire & trolley package
XTM201Di-P2T	Inverter c/w control MIG torch, Pro TIG torch, MIG wire, regulator & trolley package

For full package contents see page 303

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
XTM201Di-AL	Aluminium MIG Welding Starter Kit c/w 0.8-1.0 U Roller & Teflon Liner 3m, 1.0mm Contact Tip
IV17-12S1MPG	PRO17 TIG Torch 12ft Single Trigger c/w 1.6mm Tungsten & 11mm Nozzle
IV2500-30ER4	250A Remote Control MIG Torch 3m - 4 Button Control
XR935H	Light Reactive Welding Helmet

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XTM 211Di

4 in 1 MULTI-PROCESS INVERTER

5 YEAR WARRANTY



MEMORY FUNCTION FOR ALL PROCESSES TO SAVE AND RECALL WELDING PROGRAMS

RAPID SYNERGIC SETUP FOR MIG, TIG & MMA

The XTM 211Di MIG Inverter has 4 different processes available to the user making it ideal for the welding of Steels, Stainless Steels and Aluminium using the MIG, AC TIG, DC TIG or MMA process. The machine uses auto polarity switching so there is no need to change the work lead connections on the front of the machine. Instant swapping between the MIG and TIG processes with one touch of the torch trigger makes it well suited to pipe applications or multi process workshops. The multi-language digital user interface rapidly gets you to the correct machine setting with minimal process knowledge, on site or in the workshop.









KEY FEATURES

- Large high quality colour screen with multi language easy to follow digital interface
- View and adjust machine parameters from the MIG torch handle (*OLED torch optional extra)
- HF Start TIG
- Instant swapping between MIG and TIG process with one touch of the torch trigger
- Rapid synergic setup for MIG, TIG & MMA
- MIG Weld, down to 0.9mm thick material
- Memory function for all processes to save and recall welding programs
- Supplied with MMA lead set, input cable and 2 gas hoses
- Pulse TIG function for superior arc control
- 15Kg (300mm) Spool Size
- Welding Capacity (230V input)
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/TIG/MMA
Output	MIG 140 (110V) 200 (230V) TIG 140 (110V) 200 (230V) MMA 110 (110V) 200 (230V)
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	2 Roll
Wire Size	0.6-1.0mm
Duty Cycle	200A @ 25%
Input Voltage	110V / 230V (Smart Switching)
Maximum Current	140A / 200A
Input Current DC (Eff)	MIG - 21.4A @110V / 15A @ 230V TIG - 20.5 @110V / 11.3A @ 230V MMA - 20.6 @110V / 15.4A @ 230V
Minimum Fuse Rating	32A @ 110V / 16A @ 230V
KVA	7.8
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	615 x 275 x 495
Weight (kg)	27.8

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTM211Di	200A Multi Process Inverter
XTM211Di-PE	Inverter c/w Control MIG Torch & Package
XTM211Di-P1	Inverter c/w Control MIG Torch & Regulator Package
XTM211Di-P2	Inverter c/w Control MIG Torch, Pro TIG Torch & Regulator Package
XTM211Di-T	Inverter c/w Trolley Package
XTM211Di-P1T	Inverter c/w Control MIG Torch, Regulator & Trolley Package
XTM211Di-PTE	Inverter c/w Control MIG Torch & Trolley Package
XTM211Di-P2T	Inverter c/w Control MIG Torch, Pro TIG Torch, Regulator & Trolley Package

For full package contents see page 303
For accessory information see page 281

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XTM 221Di

5 in 1 MULTI-PROCESS INVERTER

5 YEAR WARRANTY



The XTM 221Di MIG Inverter has 5 different processes available to the user making it ideal for the welding of Steels, Stainless Steels and Aluminium using the MIG, AC TIG, DC TIG or MMA process, and cutting and gouging using the plasma process. The machine uses auto polarity switching so there is no need to change the work lead connections on the front of the machine. Instant swapping between the MIG, TIG and Plasma processes with one touch of the torch trigger makes it well suited to multi process workshops. The multi-language digital user interface rapidly gets you to the correct machine setting with minimal process knowledge, on site or in the workshop.





KEY FEATURES

- Large high quality colour screen with multi-language easy to follow digital interface
- View and adjust machine parameters from the MIG torch handle (*OLED torch optional extra)
- HF Start TIG
- Instant swapping between MIG, TIG and Plasma process with one touch of the torch trigger
- Rapid synergic setup for MIG, TIG, MMA, PLASMA
- MIG Weld, down to 0.9mm thick material
- Memory function for all processes to save and recall welding programs
- Supplied with MMA lead set, input cable and 3 gas hoses
- Pulse TIG function for superior arc control
- Dual voltage 110 / 230V
- Welding Capacity 6mm (230V input)
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/TIG/MMA/ PLASMA
Output	MIG 140 (110V) 200 (230V) TIG 140 (110V) 200 (230V) MMA 110 (110V) 200 (230V)
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	4 Roll
Wire Size	0.6-1.0mm
Duty Cycle	200A @ 30%
Input Voltage	110V / 230V (Smart Switching)
Maximum Current	140A / 200A
Input Current DC (Eff)	MIG-19.4A@110V/14.4A@230V TIG-17.7A@110V/12.5A@230V MMA-21.8A@110V/16.2A@230V PLASMA-21.9A@110V/16.0A@230V
Minimum Fuse Rating	32A @ 110V / 16A @ 230V
KVA	7.4
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	650 x 275 x 495
Weight (kg)	30

*Generator requires AVC

MACHINE PACKAGES

STOCK CODE	DESCRIPTION
XTM221Di	200A Multi Process Inverter
XTM221Di-PE	Inverter c/w Control MIG Torch & Package
XTM221Di-P1	Inverter c/w Control MIG Torch & Regulator Package
XTM221Di-P2	Inverter c/w Control MIG Torch, Pro TIG Torch & Regulator Package
XTM221Di-T	Inverter c/w Trolley Package
XTM221Di-P1T	Inverter c/w Control MIG Torch, Regulator & Trolley Package
XTM221Di-PTE	Inverter c/w Control MIG Torch & Trolley Package
XTM221Di-P2T	Inverter c/w Control MIG Torch, Pro TIG Torch, Regulator & Trolley Package
XTM221DI-P3	Machine with MMA leads and 3 gas hoses, 3M 250A MIG torch 4 Button, Pro TIG 4M torch with 3 button control, XTP40-6-CC plasma torch, gas regulator
XTM221DI-P3T	Machine with MMA leads and 3 gas hoses, 3M 250A MIG torch 4 Button, PRO TIG 4M torch with 3 button control, XTP40-6-CC plasma torch, Twin bottle trolley with drawer, gas regulator

For full package contents see page 303
For accessory information see page 281

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XTM 255i MIG INVERTER

5 YEAR WARRANTY



SINGLE PHASE COMPACT MULTI-PROCESS SYNERGIC

The XTM 255i single phase MIG Inverter is a dual voltage high performance multi-process power source capable of MIG, Lift TIG, and MMA welding. The LED digital displays show all parameters and data in real time. The machine has built in synergic control, so welding parameters will adjust automatically when the current is changed, making it easy to operate.



KEY FEATURES

- 110V / 230V dual voltage single phase
- Multi-process MIG/TIG/MMA
- Quick and easy selection of welding process, control type, material and wire size
- Synergic control
- 2T/4T trigger latching
- Real time display of parameters and data
- Soft switching technology improves efficiency
- Clear visor to protect front panel controls
- Fan on demand
- Supplied with gas hose and 3m earth lead
- Comes ready assembled to trolley c/w drawer
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/ TIG/MMA
Voltage Range	MIG 14.5-26.5V TIG 10.4-20V MMA 20.4-30V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	4 Roll
Wire Size	0.6-1.2mm
Duty Cycle	250A @ 25%
Input Voltage	110V / 230V 1P (Smart Switching)
Maximum Current	140A / 250A
Input Current (Eff)	MIG - 32.6A @ 110V / 17.8A @ 230V TIG - 24.8A @ 110V / 12.9A @ 230V MMA - 31.4A @ 110V / 19.1A @ 230V
Minimum Fuse Rating	32A @ 110V / 20A @ 230V
KVA	8.8
Generator Size*	10 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	1120 x 600 x 1050
Weight (kg)	23

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTM255i	Machine with trolley, work return lead and gas hose
XTM255i-P1	Machine with trolley, work return lead, gas hose, XP200A 4m long MIG torch and gas regulator
XTM255i-P2	Machine with trolley, work return lead, gas hose, XP200A 4m long MIG torch, PRO26 12ft TIG torch, 3m MMA electrode lead and gas regulator

For full package contents see page 303

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
XP200A-40E	200A MIG Torch 4m
IV26-12S1BD18	PRO26 TIG torch 12ft long
IV26-25S1BD18	PRO26 TIG torch 25ft long
CKE403	3m MMA Electrode holder and lead

Note: *Machine supplied with 0.8/1.0 V Roller as standard*

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XTM 256i MIG INVERTER

5 YEAR WARRANTY



MULTI-PROCESS MIG/LIFT TIG/MMA

The XTM 256i three phase MIG Inverter is a high performance multi-process power source capable of MIG, Lift TIG, and MMA welding. The LED digital displays show all parameters and data in real time. The machine has built in synergic control, so welding parameters will adjust automatically when the current is changed, making it easy to operate.



KEY FEATURES

- 400V three phase
- Multi-process MIG/TIG/MMA
- Quick and easy selection of welding process, control type, material and wire size
- Synergic control
- 2T/4T trigger latching
- Real time display of parameters and data
- Soft switching technology improves efficiency
- Clear visor to protect front panel controls
- Fan on demand
- Supplied with gas hose and 3m earth lead
- Comes ready assembled to trolley c/w drawer
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/TIG/ MMA
Voltage Range	MIG 14.5-26.5V TIG 10.4-20V MMA 20.4-30V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	4 Roll
Wire Size	0.6-1.2mm
Duty Cycle	250A @ 35%
Input Voltage	400V 3P
Maximum Current	250A
Input Current (Eff)	MIG - 9.3A TIG - 7.9A MMA - 10.9A
Minimum Fuse Rating	16A
KVA	11.6
Generator Size	13 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	1120 x 600 x 1050
Weight (kg)	23

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTM256i	Machine with trolley, work return lead and gas hose
XTM256i-P1	Machine with trolley, work return lead, gas hose, XP200A 4m long MIG torch and gas regulator
XTM256i-P2	Machine with trolley, work return lead, gas hose, XP200A 4m long MIG torch, PRO26 12ft TIG torch, 3m MMA electrode lead and gas regulator

For full package contents see page 303

ACCESSORY INFORMATION:	
STOCK CODE	DESCRIPTION
XP200A-40E	200A MIG Torch 4m
IV26-12S1BD18	PRO26 TIG torch 12ft long
IV26-25S1BD18	PRO26 TIG torch 25ft long
CKE403	3m MMA Electrode holder and lead

Note: *Machine supplied with 0.8/1.0 V Roller as standard*

XTM 356i MIG INVERTER

5 YEAR WARRANTY



MULTI-PROCESS MIG/LIFT TIG/MMA

The XTM 356i three phase MIG Inverter is a high performance multi-process power source capable of MIG, Lift TIG, and MMA welding. The LED digital displays show all parameters and data in real time. The machine has built in synergic control, so welding parameters will adjust automatically when the current is changed, making it easy to operate.



KEY FEATURES

- 400V three phase
- Multi-process MIG/TIG/MMA
- Quick and easy selection of welding process, control type, material and wire size
- Synergic control
- 2T/4T trigger latching
- Real time display of parameters and data
- Soft switching technology improves efficiency
- Clear visor to protect front panel controls
- Fan on demand
- Supplied with gas hose and 3m earth lead
- Comes ready assembled to trolley c/w drawer
- Optional water cooler fits to trolley in place of drawer
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Portable
Machine Type	Inverter MIG/TIG/MMA
Voltage Range	MIG 15.5-31.5V TIG 10.4-24V MMA 20.4-34V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	4 Roll
Wire Size	0.6-1.2mm
Duty Cycle	350A @ 40%
Input Voltage	400V 3P
Maximum Current	350A
Input Current (Eff)	MIG - 13.5A TIG - 10.2A MMA - 14.5A
Minimum Fuse Rating	16A
KVA	15.9
Generator Size*	18 KVA
Enclosure Protection	IP23S
Dimensions (LxWxH mm)	1120 x 600 x 1050
Weight (kg)	24.5

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTM356i	Machine with trolley, work return lead and gas hose
XTM356i-P1	Machine with trolley, work return lead, gas hose, XP300A 4m long MIG torch and gas regulator
XTM356i-P2	Machine with trolley, work return lead, gas hose, XP300A 4m long MIG torch, PRO26 12ft TIG torch, 3m MMA electrode lead and gas regulator

For full package contents see page 303

ACCESSORY INFORMATION:

STOCK CODE	DESCRIPTION
XTS906	400V Water Cooler *(Replaces storage drawer)*
XP300A-40E	300A MIG Torch 4m
IV26-12S1BD18	PRO26 TIG torch 12ft long
IV26-25S1BD18	PRO26 TIG torch 25ft long
CKE403	3m MMA Electrode holder and lead

Note: *Machine supplied with 0.8/1.0 V Roller as standard*

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XTM 405i MULTI-PROCESS MIG/LIFT TIG/MMA

5 YEAR WARRANTY



The XTM 405i three phase MIG Inverter is a high performance multi-process power source capable of MIG, Lift TIG, and MMA welding. It comes complete with trolley, drawer, and separate wire feeder with interactive large colour screen. The machine has built in synergic control in MIG mode, so welding parameters will adjust automatically when the current is changed, making it easy to operate.





KEY FEATURES

- 400V three phase
- Multi-process MIG/LIFT TIG/MMA
- Ready assembled to trolley complete with drawer
- Separate wire feeder comes with graphical user interface allowing easy setting of the MIG parameters
- Memory function on wire feeder allows MIG welding programs to be saved and recalled
- Wire feed inching button and gas purge button
- Synergic control for MIG welding
- 2T/4T trigger latching for MIG welding
- Clear visor on wire feeder to protect front panel
- Fan on demand
- Supplied with gas hose and 3m earth lead
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Separate
Machine Type	Inverter
Max Current	400A DC
Wire Feed Speed	1-20m/min
Voltage	13-50V
Spool Size	300mm (15kg) 200mm (15kg)
Feed Box	4R
Wire Size	1.0-1.6mm
Duty Cycle	400A @ 60%
Input Voltage	400V 3P
Min Fuse Rating	32A
Input Current (Eff)	MIG - 21.2A TIG - 16.3A MMA - 22.9A
KVA	22
Generator Size*	25 KVA
Dimensions (LxWxH mm)	1050 x 520 x 1140
Weight (kg)	90

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTM405i	Air Cooled, Synergic MIG Inverter Machine 400V
XTM405iW	Water Cooled, Synergic MIG Inverter Machine 400V

For full package contents see page 303

ACCESSORY INFORMATION	
STOCK CODE	DESCRIPTION
XP450W-40E	XP8 450W MIG Torch 4m
XP450A-40E	XP8 450A MIG Torch 4m
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
700123	Regulator 300 Bar SS 2G Argon
XTME05A	Interconnect Cable 5m
XTME10A	Interconnect Cable 10m
XR935H	Light Reactive Welding Helmet

XTM 505i

MULTI-PROCESS MIG/LIFT TIG/MMA

5 YEAR WARRANTY



The XTM 505i three phase MIG Inverter is a high performance multi-process power source capable of MIG, Lift TIG, and MMA welding. It comes complete with trolley, water cooler, and separate wire feeder with interactive large colour screen. The machine has built in synergic control in MIG mode, so welding parameters will adjust automatically when the current is changed, making it easy to operate.





KEY FEATURES

- 400V three phase
- Multi-process MIG/LIFT TIG/MMA
- Ready assembled to trolley c/w water cooler
- Separate wire feeder comes with graphical user interface allowing easy setting of the MIG parameters
- Memory function on wire feeder allows MIG welding programs to be saved and recalled
- Wire feed inching button and gas purge button
- Synergic control for MIG welding
- 2T/4T trigger latching for MIG welding
- Clear visor on wire feeder to protect front panel
- Fan on demand
- Supplied with gas hose and 3m earth lead
- Manufactured to IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6 & RoHS Compliant

PARAMETER	VALUE
Style	Separate
Machine Type	Inverter MIG/TIG/ MMA
Max Current	500A
Wire Feed Speed	1.0-2.6m/min
Voltage	MIG 15.0-39.0V TIG 20.8-30.0V MMA 20.8-40.0V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	4R
Wire Size	1.0-1.6mm
Duty Cycle	500A @ 60%
Input Voltage	400V 3P
Min Fuse Rating	32A
Input Current (Eff)	MIG - 36.4A TIG - 37.5A MMA - 31.4A
KVA	26
Generator Size*	30 KVA
Dimensions (LxWxH mm)	1100 x 600 x 1400
Weight (kg)	90

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTM505i	Air Cooled, Synergic MIG Inverter Machine 400V
XTM505iW	Water Cooled, Synergic MIG Inverter Machine 400V

For full package contents see page 303

ACCESSORY INFORMATION

STOCK CODE	DESCRIPTION
XP450W-40E	XP8 450W MIG Torch 4m
XP450A-40E	XP8 450A MIG Torch 4m
CKE403	Electrode Holder Cable Kit 3m
CKC403	Earth Cables Clamp Kit 3m
700123	Regulator 300 Bar SS 2G Argon
XTME05W	Interconnect Cable 5m
XTME10W	Interconnect Cable 10m
XR935H	Light Reactive Welding Helmet

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTE 171C COMPACT AUTOMOTIVE MIG MACHINE



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.

8 voltage steps allow fine tuning.

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.



KEY FEATURES

- 230V Single phase
- 165A @ 15% 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 3m Earth Lead
- 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)

PARAMETER	VALUE
Style	Compact
Machine Type	Transformer
Max Current	165A DC
Wire Feed Speed	1.5-14mm/min
Voltage	19-37V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	2R
Wire Size	0.6-0.8mm
Duty Cycle	165A @ 15%
Input Voltage	230V 1P
Min Fuse Rating	16A
Input Current (Eff)	27A
KVA	6.45
Generator Size*	8 KVA
Enclosure Protection	IP21S
Dimensions (LxWxH mm)	705 x 420 x 630
Weight (kg)	38.3

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTE171	165A Automotive MIG Machine 230V
XTE171-P1	Automotive MIG Machine c/w Torch and Regulator

For full package contents see page 305

ACCESSORY INFORMATION	
ECR1500-30ER	Eco-Grip Max™ 150A MIG Torch 3m
ECR2500-30ER	Eco-Grip Max™ 250A MIG Torch 3m
XP200A-30E	XP8 200A MIG Torch
CKC403	Earth Cables Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet

XTE 181C COMPACT AUTOMOTIVE MIG MACHINE



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.

8 voltage steps allow fine tuning.

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.



KEY FEATURES

- 230V Single phase
- 185A @ 15% 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 3m Earth Lead
- 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)

PARAMETER	VALUE
Style	Compact
Machine Type	Transformer
Max Current	185A DC
Wire Feed Speed	1.5-14mm/min
Voltage	19.5-38V
Spool Size	300mm (15kg) 200mm (5kg)
Feed Box	2R
Wire Size	0.6-0.8mm
Duty Cycle	185A @ 15%
Input Voltage	230V 1P
Min Fuse Rating	16A
Input Current (Eff)	32A
KVA	7.35
Generator Size*	12 KVA
Enclosure Protection	IP21S
Dimensions (LxWxH mm)	705 x 420 x 630
Weight (kg)	40.8

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTE181	180A Automotive MIG Machine 230V
XTE181-P1	Automotive MIG Machine c/w Torch and Regulator

For full package contents see page 305

ACCESSORY INFORMATION	
ECR1500-30ER	Eco-Grip Max™ 150A MIG Torch 3m
ECR2500-30ER	Eco-Grip Max™ 250A MIG Torch 3m
XP200A-30E	XP8 200A MIG Torch
CKC403	Earth Cables Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTE 201C COMPACT AUTOMOTIVE MIG MACHINE



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 6.0mm.

8 voltage steps allow fine tuning.

RELIABLE FEEDING

The geared aluminium feed box ensures reliable feeding of 0.6mm to 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.



KEY FEATURES

- 230V single phase
- 205A @ 15% 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 15kg wire spools
- Supplied with 3m Earth Lead
- 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)

PARAMETER	VALUE
Style	Compact
Machine Type	Transformer
Max Current	205A DC
Wire Feed Speed	1.5-14mm/min
Voltage	19.5-38V
Spool Size	300mm (15kg)
Feed Box	2R
Wire Size	0.6-1.0mm
Duty Cycle	205A @ 15%
Input Voltage	230V 1P
Min Fuse Rating	32A
Input Current (Eff)	38A
KVA	8.75
Generator Size*	15 KVA
Enclosure Protection	IP21S
Dimensions (LxWxH mm)	705 x 420 x 630
Weight (kg)	42.8

*Generator requires AVC

STOCK CODE	DESCRIPTION
XTE201	200A Automotive MIG Machine 230V
XTE201-P1	Automotive MIG Machine c/w Torch and Regulator

For full package contents see page 305

ACCESSORY INFORMATION	
ECR1500-30ER	Eco-Grip Max™ 150A MIG Torch 3m
ECR2500-30ER	Eco-Grip Max™ 250A MIG Torch 3m
XP200A-30E	XP8 200A MIG Torch
CKC403	Earth Cables Clamp Kit 3m
700123	Argon Regulator Single Stage 2 Gauge
XR935H	Light Reactive Welding Helmet

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XTS 906 WATER COOLER

(For use on XTM 356i machine only)



KEY FEATURES

- 400V three phase
- Suitable for use with MIG and TIG torches
- Quick fit water connectors for rapid hook up
- Can be free standing or mounted to the underside of the power source depending on machine model
- Can be powered directly from the back of the power source (outlet required on power source) or connected to the mains
- No pump priming required
- Projecting spout for easy filling and coolant level checking
- 24 Months return to base warranty
- Manufactured to ISO/IEC 60974-1, 60974-6 and RoHS compliant

PARAMETER	VALUE
Input Voltage	400V / 3P
Water Tank Capacity	12L
Flow Rate	2 L/min
Size (LxWxH mm)	710 x 285 x 265
Weight	10 kg
Enclosure Protection	IP23

XTS 907 WATER COOLER

(For universal machine application)



KEY FEATURES

- 110/230V dual voltage single phase
- Automatically recognizes input voltage
- Suitable for use with MIG and TIG torches
- Quick fit water connectors for rapid hook up
- Free standing or mounted on Trolley (TR008)
- No pump priming required
- Projecting spout for easy filling and coolant level checking
- 24 Months return to base warranty
- Manufactured to ISO/IEC 60974-1, 60974-6 and RoHS compliant

PARAMETER	VALUE
Input Voltage	110/230V / 1P
Water Tank Capacity	12L
Power Consumption	0.4A @ 110V / 0.3A @ 230V
Flow Rate	2 L/min
Size (LxWxH mm)	710 x 285 x 265
Weight	10 kg
Max. Torch Amperage	Amps
Enclosure Protection	IP23

WATER COOLER OPTIONS	
STOCK CODE	DESCRIPTION
XTSUC	Ultracool Coolant 10L
XTSFSK	Flow Switch Kit
XTSH1	Hook Up Kit 1m

WATER COOLER OPTIONS	
STOCK CODE	DESCRIPTION
XTSH3	Hook Up Kit 3m
XTSH1-303	Hook Up Kit 1m XTI 303
XTSH3-303	Hook Up Kit 3m XTI 303

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

XTS 909 WATER COOLER



KEY FEATURES

- 400V three phase
- Suitable for use with MIG and TIG torches
- Quick fit water connectors for rapid hook up
- Free standing or mounted on Trolley TR009 and connected directly to the XTM405i or XTM505i inverter
- No pump priming required
- Projecting spout for easy filling and coolant level checking
- 24 Months return to base warranty
- Manufactured to ISO/IEC 60974-1, 60974-6 and RoHS compliant

PARAMETER	VALUE
Input Voltage	400V/3P
Water Tank Capacity	12L
Flow Rate	8 L/min
Welding Amps Max	500 A
Size (LxWxH mm)	660 x 265 x 270
Weight	17 kg
Enclosure Protection	IP23
Fuse	0.8A

FOOT CONTROLS HIGH QUALITY FOOT CONTROLS

Foot controls feature a rubber base to keep it planted to the floor and with anti slip top surface. The low profile construction gives a more natural feel and improves operator balance when working in a standing position.

Foot controls are available in a range of standard resistances and can be supplied with or without control plugs to suit a wide range of machines. Cable length is 2.8m (9.2ft).

Foot Controls come with a 12 month return to base warranty for defects in materials and workmanship.



FOOT CONTROL
ORDER CODE XTI 903T



FOOT CONTROL
ORDER CODE XTI 902D

XTI 903W WIRELESS FOOT CONTROL

The XTI903W is a high performance foot control that connects wirelessly to the power source. Using Bluetooth technology the foot control works seamlessly within 10 metres of the power source. The wireless technology allows more freedom for positioning of the foot control and eliminates the trip hazards associated with cable mounted foot controls. Excellent battery life ensures 3 days continuous working and 5 days in standby mode. Each foot control is supplied with a paired Bluetooth receiver which connects to the torch socket on the front of the power source.



Machine not included

KEY FEATURES

- Wireless
- 10 metre operating range
- Works with our TIG, MIG and Multiprocess machines
- Long lasting battery life
- No cables
- Trip hazards avoided
- 12 Months return to base warranty
- Manufactured to IP23, EN/IEC 60974-1 RoHS compliant, Low Voltage Directive and EMC Directive (CE Compliant)

TECHNICAL INFORMATION

Machine	XTI 903W
Battery Type	3 x AA
Battery Life	Standby Mode - 5 Days Operator Mode - 3 Days
Communication Mode	Bluetooth Class 2
Connection Range	10 Metres
Compatibility	XTT202P XTT212P XTT212Di XTT315Di XTM211Di



*Please note that the XTI 903W is compatible with Parweld machines of serial number 2206 or higher. Older machines can be upgraded, so please contact sales for further details.

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APT+M 220C DOUBLE PULSED MIG MACHINE



Double pulse MIG welding machine operates from 230V single phase and has programs for steel, stainless steel, aluminium and other materials. Easy to use intuitive display multi-process MMA and lift TIG.

PARAMETER	VALUE
Style	Compact
Machine Type	Inverter
Mains Voltage (VAC)	230 ± 10%
Ampere Range (A)	20-200
Duty Cycle (40°C)	25% : 200 A, 23 V 60% : 110 A, 19 V 100% : 90 A, 18.1 V
Maximum Input Power (KVA)	7.2 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	610 x 245 x 450
Net Weight (kg)	26.5 kg

STOCK CODE	DESCRIPTION
APT+M 220C	Air Cooled Machine Only
APT+M 220C-P1	Air Cooled Machine includes XP200A-30E Torch and UK Standard Gas Regulator
APT+M 220C-P1E 200	Air Cooled Machine includes Trolley XP200A-30E Torch and UK Standard Gas Regulator
APT+M 220C-PT1	Air Cooled Machine includes XP200A-30E Torch
APT+M 220C-PT1E 200	Air Cooled Machine includes Trolley and XP200A-30E Torch

For full package contents see page 304

ACCESSORY INFORMATION

OPTIONAL ITEMS	DESCRIPTION
TR010	Trolley
DR7V0810	D/Roll 0.8-1.0 V Groove-Steel
DR7U0810	D/Roll 0.8-1.0 U Groove-Ali
DR7U1012	D/Roll 1.0-1.2 U Groove-Ali
APT-ALKIT-1*	Alu Kit - 220-353 MC XP8 Torch 1.0/1.2
APT-ALKIT-2*	Alu Kit - 220-353 MC BZL Torch 1.0/1.2

Includes Feed Rolls, Liner, Contact Tips

REPLACEMENT ITEMS	DESCRIPTION
CKC203I	3m Work Return Lead
APTM-2A	2m Gas Supply Hose

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

APT+M 353C DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine
3 Phase 400V input.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Standard
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-350
Duty Cycle (40°C)	60% : 350 A, 29.8 V 100% : 250 A, 25.3 V
Maximum Input Power (KVA)	14.7 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	497 x 245 x 372
Net Weight (kg)	30 kg

STOCK CODE	DESCRIPTION
APT+M 353C	Air Cooled Machine includes Trolley
APT+M 353C-P1	Air Cooled Machine includes XP300A-30E Torch, Trolley and UK Standard Gas Regulator
APT+M 353C-P1E	Air Cooled Machine includes XP300A-30E Torch and Trolley

For full package contents see page 304

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

APT+M 353CW DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine 3 Phase 400V input with built in water cooler.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Compact
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-350
Duty Cycle (40°C)	60% : 350 A, 29.8 V 100% : 250 A, 25.3 V
Maximum Input Power (KVA)	14.7 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	1128 x 1039 x 532
Net Weight (kg)	60.5 kg

STOCK CODE	DESCRIPTION
APT+M 353CW	Water Cooled Machine includes Trolley
APT+M 353CW-P1	Water Cooled Machine includes PRO4400 Torch, Trolley and UK Standard Gas Regulator
APT+M 353CW-P1E	Water Cooled Machine includes PRO4400 Torch and Trolley

For full package contents see page 304

ACCESSORY INFORMATION	
OPTIONAL ITEMS	DESCRIPTION
APT907C	Under Mount Water Cooler Compact m/c
DR7V0810	D/Roll 0.8-1.0 V Groove-Steel
DR7V1012	D/Roll 1.0-1.2 V Groove-Steel
DR7V1216	D/Roll 1.2-1.6 V Groove-Steel
DR7U0810	D/Roll 0.8-1.0 U Groove-Ali
DR7U1012	D/Roll 1.0-1.2 U Groove-Ali
APT-ALKIT-1*	Alu Kit - 220-353 MC XP8 Torch 1.0/1.2
APT-ALKIT-2*	Alu Kit - 220-353 MC BZL Torch 1.0/1.2

Includes Feed Rolls, Liner, Contact Tips

REPLACEMENT ITEMS	DESCRIPTION
CKC303	3m Work Return Lead
APTM-2A	2m Gas Supply Hose
XTSUC	Ultracool Coolant

APT+M 403S DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine 3 Phase 400V input, with separate wire feeder.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Standard
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-400
Duty Cycle (40°C)	60% : 400 A, 32 V 100% : 300 A, 27.5 V
Maximum Input Power (KVA)	17.8 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	1050 x 1250 x 530
Net Weight (kg)	60kg

STOCK CODE	DESCRIPTION
APT+M 403S	Air Cooled Machine includes Trolley
APT+M 403S-P1	Air Cooled Package includes XP350A-30E Torch, Trolley and UK Standard Gas Regulator
APT+M 403S-P1E	Air Cooled Package includes XP350A-30E Torch and Trolley

For full package contents see page 304

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

APT+M 403SW DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine 3 Phase 400V input, with separate wire feeder and integrated water cooler.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Compact
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-400
Duty Cycle (40°C)	60% : 400 A, 32 V 100% : 300 A, 27.5 V
Maximum Input Power (KVA)	17.8 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	1346 x 1039 x 530
Net Weight (kg)	119 kg

STOCK CODE	DESCRIPTION
APT+M 403SW	Water Cooled Machine includes Trolley
APT+M 403SW-P1	Water Cooled Machine includes Trolley PRO4400 Torch and UK Standard Gas Regulator
APT+M 403SW-P1E	Water Cooled Machine includes Trolley PRO4400 Torch

For full package contents see page 304

ACCESSORY INFORMATION

OPTIONAL ITEMS	DESCRIPTION
APT+907	Under Mount Water Cooler Separate APT+
APTMC10A-7	10m Air Cooled Interconnect Lead Set 7 Pin
APTMC20A-7	20m Air Cooled Interconnect Lead Set 7 Pin
APTMC30A-7	30m Air Cooled Interconnect Lead Set 7 Pin
APTMC40A-7	40m Air Cooled Interconnect Lead Set 7 Pin
APTMC10W-7	10m Water Cooled Interconnect Lead Set 7 Pin
APTMC20W-7	20m Water Cooled Interconnect Lead Set 7 Pin
APTMC30W-7	30m Water Cooled Interconnect Lead Set 7 Pin
APTMC40W-7	40m Water Cooled Interconnect Lead Set 7 Pin
APT+WFW	Wire Feeder Wheel Kit
DR7V0810	D/Roll 0.8-1.0 V Groove-Steel
DR7V1012	D/Roll 1.0-1.2 V Groove-Steel
DR7V1216	D/Roll 1.2-1.6 V Groove-Steel
DR7U0810	D/Roll 0.8-1.0 U Groove-Ali
DR7U1012	D/Roll 1.0-1.2 U Groove-Ali
DR7U1216	D/Roll 1.2-1.6 U Groove-Ali
DR7K1216	D/Roll 1.2-1.6 K Groove-F/Cor
DR7K2428	D/Roll 2.4-2.8 K Groove-F/Cor
APT-ALKIT-3*	Alu Kit -403-503 XP8 Torch 1.0/1.2
APT-ALKIT-4*	Alu Kit - 404-503 MC BZL Torch 1.0/1.2

Includes Feed Rolls, Liner, Contact Tips

REPLACEMENT ITEMS	DESCRIPTION
CKC403	3m Work Return Lead
APT+WF	Wire Feed Unit APT+
APTMC05A-7	5m Air Cooled Interconnect Lead Set 7 Pin
APTMC05W-7	5m Water Cooled Interconnect Lead Set 7 Pin

APT+M 503S

DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine 3 Phase 400V input, with separate wire feeder.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Standard
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-500
Duty Cycle (40°C)	60% : 500 A, 36.5 V 100% : 400 A, 32 V
Maximum Input Power (KVA)	24.8 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	1050 x 1270 x 530
Net Weight (kg)	92 kg

STOCK CODE	DESCRIPTION
APT+M 503S	Air Cooled Machine includes Trolley
APT+M 503S-P1	Air Cooled Machine includes XP350A-30E Torch and UK Standard Gas Regulator
APT+M 503S-P1E	Air Cooled Machine Package includes XP350A-30E Torch and Trolley

For full package contents see page 304

WARRANTY VALID FOR UK AND N.IRELAND ONLY. REFER TO WEBSITE FOR TERMS AND CONDITIONS

APT+M 503SW DOUBLE PULSED MIG MACHINE



Double Pulse MIG welding machine 3 Phase 400V input, with separate wire feeder and integrated water cooler.

Easy to use intuitive display.

Jobs for steel, stainless steel, aluminium and many other materials.

Specialist jobs for root, pipe and high speed welding, MMA and lift TIG welding modes.



PARAMETER	VALUE
Style	Compact
Machine Type	Inverter
Mains Voltage (VAC)	400 ± 10%
Ampere Range (A)	20-500
Duty Cycle (40°C)	60% : 500 A, 36.5 V 100% : 400 A, 32 V
Maximum Input Power (KVA)	24.8 V
Open Circuit Voltage (VDC)	75
Dimensions (HxWxL mm)	1346 x 1039 x 532
Net Weight (kg)	119 kg

STOCK CODE	DESCRIPTION
APT+M 503SW	Water Cooled Machine includes Trolley
APT+M 503SW-P1	Water Cooled Package includes PRO4400 Torch, Trolley and UK Standard Gas Regulator
APT+M 503SW-P1E	Water Cooled Package includes PRO4400 Torch and Trolley

For full package contents see page 304

ACCESSORY INFORMATION

OPTIONAL ITEMS	DESCRIPTION
APT+907	Under Mount Water Cooler Separate APT+
APTMC10A-7	10m Air Cooled Interconnect Lead Set 7 Pin
APTMC20A-7	20m Air Cooled Interconnect Lead Set 7 Pin
APTMC30A-7	30m Air Cooled Interconnect Lead Set 7 Pin
APTMC40A-7	40m Air Cooled Interconnect Lead Set 7 Pin
APTMC10W-7	10m Water Cooled Interconnect Lead Set 7 Pin
APTMC20W-7	20m Water Cooled Interconnect Lead Set 7 Pin
APTMC30W-7	30m Water Cooled Interconnect Lead Set 7 Pin
APTMC40W-7	40m Water Cooled Interconnect Lead Set 7 Pin
APT+WFW	Wire Feeder Wheel Kit
DR7V0810	D/Roll 0.8-1.0 V Groove-Steel
DR7V1012	D/Roll 1.0-1.2 V Groove-Steel
DR7V1216	D/Roll 1.2-1.6 V Groove-Steel
DR7U0810	D/Roll 0.8-1.0 U Groove-Ali
DR7U1012	D/Roll 1.0-1.2 U Groove-Ali
DR7U1216	D/Roll 1.2-1.6 U Groove-Ali
DR7K1216	D/Roll 1.2-1.6 K Groove-F/Cor
DR7K2428	D/Roll 2.4-2.8 K Groove-F/Cor
APT-ALKIT-3*	Alu Kit -403-503 XP8 Torch 1.0/1.2
APT-ALKIT-4*	Alu Kit - 404-503 MC BZL Torch 1.0/1.2

Includes Feed Rolls, Liner, Contact Tips

REPLACEMENT ITEMS	DESCRIPTION
CKC403	3m Work Return Lead
APT+WF	Wire Feed Unit APT+
APTMC05A-7	5m Air Cooled Interconnect Lead Set 7 Pin
APTMC05W-7	5m Water Cooled Interconnect Lead Set 7 Pin

MMA INVERTER PACKAGES

Stock Code	Description				Carry Case	Trolley	TIG Kit		Remote Control Pendant
MMA INVERTERS		3m Input Cable	3m Earth Lead	3m Electrode Holder	XTICC	TR005	WP17V-12-2I	WP17V-12-2IX	RC10-5
XTS163	160A MMA Inverter 230V	■	■	■	☐	☐		☐	
XTS163-P1	160A MMA Inverter 230V	■	■	■	☐	☐		■	
XTS163DV	160A MMA Inverter Dual Voltage	■	■	■	☐	☐		☐	
XTS163DV-P1	160A MMA Inverter Dual Voltage	■	■	■	☐	☐		■	
XTS166RC	160A MMA Inverter Dual Voltage	■	■	■	☐	☐		☐	☐
XTS166RC-P1	160A MMA Inverter Dual Voltage	■	■	■	☐	☐		■	☐
XTS204MMA	200A MMA Inverter 230V	■	■	■	☐	☐		☐	
XTS204MMA-P1	200A MMA Inverter 230V	■	■	■	☐	☐		■	

Codes	■	Supplied as Standard	☐	Optional Extra

PLASMA INVERTER PACKAGES

Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Torch			
PLASMA CUTTING INVERTERS					XT4000	XTHY120	XTHYM120	XT4000A
XTP40	40A Dual Voltage Inverter Plasma Cutter	■	■	■	■			☐
XTP63	60A Inverter Plasma Cutter	■	■	■	■			☐
XTP105	100A Inverter Plasma Cutter	■	■	■	☐	■	☐	

Codes	■	Supplied as Standard	☐	Optional Extra	●	Integrated into Machine as Standard

MIG INVERTER PACKAGES

Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Argon Regulator	Torch						Trolley			Water Cooler		Interconnect 5m		MMA Lead
						Eco-Grip Max™ 150A	XP8-200A	XP8-300A	XP8-450W	TIG WP17V-12-2IX	TIG PRO26	TR005	TR008	TR009	XTS909	XTS906	XTM E05A	XTM E05W	CKE403
MIG INVERTERS																			
XTM161i	160A MIG Inverter 230V	■	■	■	□	□	□					□							
XTM161i-P1	160A MIG Inverter 230V	■	■	■	■	■						□							
XTM161i-P2	160A MIG Inverter 230V	■	■	■	■	□				■		□							
XTM201i	200A MIG Inverter 230V	■	■	■	□	□	□					□							
XTM201i-P1	200A MIG Inverter 230V	■	■	■	■	■						□							
XTM201i-P2	200A MIG Inverter 230V	■	■	■	■	□				■		□							
XTM255i	250A Synergic MIG Inverter 230V	■	■	■	□		□				□		■						□
XTM255i-P1	250A Synergic MIG Inverter 230V	■	■	■	■		■				□		■						□
XTM255i-P2	250A Synergic MIG Inverter 230V	■	■	■	■		■				■		■						■
XTM256i	250A Synergic MIG Inverter 400V	■	■	■	□		□				□		■						□
XTM256i-P1	250A Synergic MIG Inverter 400V	■	■	■	■		■				□		■						□
XTM256i-P2	250A Synergic MIG Inverter 400V	■	■	■	■		■				■		■						■
XTM356i	350A Synergic MIG Inverter 400V	■	■	■	□			□			□		■			□			□
XTM356i-P1	350A Synergic MIG Inverter 400V	■	■	■	■			■			□		■			□			□
XTM356i-P2	350A Synergic MIG Inverter 400V	■	■	■	■			■			■		■			□			■
XTM405i	400A Synergic MIG Inverter 400V	■	■	■					□	□				●	□		■		□
XTM405iW	400A Synergic MIG Inverter 400V	■	■	■					□	□				●	●			■	□
XTM505i	500A Synergic MIG Inverter 400V	■	■	■					□	□				●	□		■		□
XTM505iW	500A Synergic MIG Inverter 400V	■	■	■					□	□				●	●			■	□

Codes	■	Supplied as Standard	□	Optional Extra	●	Integrated into Machine as Standard

APT+ M MIG INVERTER PACKAGES

Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Argon Regulator	Torch				Trolley		Flow Meter	Feed Roll	Water Cooler	Ultra-cool Coolant	Air Cooled Inter-connect	Water Cooled Inter-connect
MIG INVERTERS						XP200A	XP300A	XP350A	PRO4400	TR010	TR011						
APT+M 220C	Double Pulsed MIG Machine	■	■	■	□	□				□		□	□				
APT+M 220C-P1	Double Pulsed MIG Machine	■	■	■	■	■				□		■	■				
APT+M 220C-P1E 200	Double Pulsed MIG Machine	■	■	■	□	■				■			■				
APT+M 220C-PT1	Double Pulsed MIG Machine	■	■	■	□	■				□		■	■				
APT+M 220C-PT1E 200	Double Pulsed MIG Machine	■	■	■	□	■				■			■				
APT+M 353C	Double Pulsed MIG Machine	■	■	■	■	■		□	□	□			■				
APT+M 353C-P1	Double Pulsed MIG Machine	■	■	■	■		■			■			■				
APT+M 353C-P1E	Double Pulsed MIG Machine	■	■	■	■		■			■		■	■				
APT+M 353CW	Double Pulsed MIG Machine	■	■	■	□				□	■		□	■				
APT+M 353CW-P1	Double Pulsed MIG Machine	■	■	■	■				■	■			■	■	■		
APT+M 353CW-P1E	Double Pulsed MIG Machine	■	■	■	□				■	■			■	■	■		
APT+M 403S	Double Pulsed MIG Machine	■	■	■	□			□			■	□	■		■		
APT+M 403S-P1	Double Pulsed MIG Machine	■	■	■	■			■			■	■	■			■	
APT+M 403S-P1E	Double Pulsed MIG Machine	■	■	■	■			■			■	■	■			■	
APT+M 403SW	Double Pulsed MIG Machine	■	■	■	□				□		□	□	■	■			■
APT+M 403SW-P1	Double Pulsed MIG Machine	■	■	■	■				■		■	■	■	■			■
APT+M 403SW-P1E	Double Pulsed MIG Machine	■	■	■	■				■		■		■	■			■
APT+M 503S	Double Pulsed MIG Machine	■	■	■	□			□	□		■	□	■			■	
APT+M 503S-P1	Double Pulsed MIG Machine	■	■	■	■			■		■		■	■			■	
APT+M 503S-P1E	Double Pulsed MIG Machine	■	■	■	■			■		■		□	■			■	
APT+M 503SW	Double Pulsed MIG Machine	■	■	■	□				□		■	□	■	■	□		■
APT+M 403SW-P1	Double Pulsed MIG Machine	■	■	■	■				■		■	■	■	■	■		■
APT+M 403SW-P1E	Double Pulsed MIG Machine	■	■	■	■				■		■	■	■	■	■		■

TIG INVERTER PACKAGES

Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Argon Regulator	Torch			Carry Case	Trolley			Foot Control	Water Cooler	Coolant
TIG INVERTERS						Pro-Grip Max™ 26	Pro-Grip Max™ 20	Pro-Grip Max™ 18	XTICCL	TR003	TR005	TR012	XTI 902D	XTS908	XTSUC
XTT207DVP	200A DC Pulsed TIG Inverter DV	■	■	■	□	□		□	□		□				
XTT207DVP-P1	200A DC Pulsed TIG Inverter DV	■	■	■	■	■		□	□		□				□
XTT202P	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	□	□	□				□		□		□
XTT202P-P1	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	■	■					□		□		□
XTT212Di	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	□	□	□		□		□		□		□
XTT212Di-P1	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	■	■			□		□		□		□
XTT212Di-PIW	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	■	■	■					□	□	■	■
XTT212Di-PIWT	200A AC/DC Pulsed TIG Inverter 230V	■	■	■	■	■	■					■	□	■	■
XTT315P	315A AC/DC TIG Inverter 400V	■	■	■	□	□	□	□		□			□		
XTT315P-P1	315A AC/DC TIG Inverter 400V	■	■	■	■	■				□			□		□
XTT315P-P1W	315A AC/DC TIG Inverter 400V	■	■	■	■			■		□			□		■
XTT315P-P1WT3	315A AC/DC TIG Inverter 400V	■	■	■	■		■			■			□		■

Codes	■	Supplied as Standard	□	Optional Extra

MULTI-PROCESS MIG PACKAGES

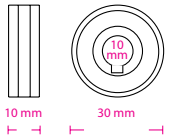
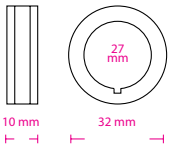
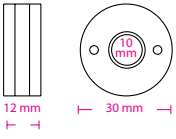
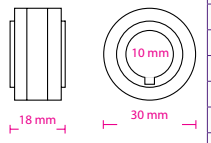
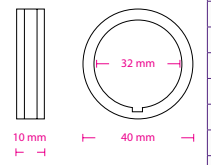
Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Argon Regulator	Torch Remote Control MIG Torch	Trolley TR005	Trolley TR007	Wire (5kg)	MMA Lead	TIG Torch		Plasma Torch
MIG INVERTERS									MW508 (5kg)	CKE403	Pro-Grip Max™ 17	Pro-Grip Max™ 26	XTP40
XTM201Di	200A Multi-Process MIG Inverter	■	■	■	□	□			□	■	□		
XTM201Di-P1	200A Multi-Process MIG Inverter	■	■	■	■	■			■	■	□		
XTM201Di-P2	200A Multi-Process MIG Inverter	■	■	■	■	■			■	■	■		
XTM201Di-T	200A Multi-Process MIG Inverter	■	■	■	□	□	■		□	■	□		
XTM201Di-P1T	200A Multi-Process MIG Inverter	■	■	■	■	■	■		■	■	□		
XTM201Di-P2T	200A Multi-Process MIG Inverter	■	■	■	■	■	■		■	■	■		
XTM211Di	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	□	□		□	□	■		□	
XTM211Di-P1	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	■	■		□	□	■		□	
XTM211Di-P2	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	■	■		□	□	■		■	
XTM211Di-T	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	□	□		■	□	■		□	
XTM211Di-P1T	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		□	
XTM211Di-P2T	200A 4 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		■	
XTM221Di	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	□	□		□	□	□		□	□
XTM221Di-P1	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		□	□	■		□	□
XTM221Di-P2	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		□	□	■		■	□
XTM221Di-P1T	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		□	□
XTM221Di-P2T	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		■	□
XTM221Di-P3	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		■	■
XTM221Di-P3T	200A 5 in 1 Multi-Process MIG Inverter	■	■	■	■	■		■	□	■		■	■

AUTOMOTIVE MIG PACKAGES

Stock Code	Description	3m Input Cable	3m Earth Lead	Gas Hose	Argon Regulator	Torch			Integrated Trolley
AUTOMOTIVE MIG MACHINES						Eco-Grip Max™ 150A	Eco-Grip Max™ 250A	XP8-200A	
XTE171C	170A Automotive 230V	■	■	■	□	□	□	□	●
XTE171C-P1	170A Automotive 230V	■	■	■	■	■			●
XTE181C	180A Automotive 230V	■	■	■	□	□	□	□	●
XTE181C-P1	180A Automotive 230V	■	■	■	■	■			●
XTE201C	200A Automotive 230V	■	■	■	□	□	□	□	●
XTE201C-P1	200A Automotive 230V	■	■	■	■	■			●

Codes	■	Supplied as Standard	□	Optional Extra	●	Integrated into Machine as Standard

FEED ROLL SELECTOR CHART

SHAPE	STOCK CODE	GROOVE	WIRE SIZES MM (INCH)	WIRE	XTE 171C	XTE 181C	XTE 201C	XTM 161i	XTM 201i	XTM 201Di	XTM 211Di	XTM 221Di	XTM 255i	XTM 256i	XTM 356i	XTM 304C	XTM 404S	XTM 405i	XTM 503i	XTM 505i
	XTEFR0809	Plain V	0.8-0.9mm (.030”-.035”)	Fe, Ss	■	■	■													
	XTEFR0810		0.8-1.0mm (.030”-.040”)		■	■	■													
	XTEFR0809F	Knurled V	0.8-0.9mm (.030”-.035”)	FC	■	■	■													
	XTEFR0810F		0.8-1.0mm (.030”-.040”)		■	■	■													
	XTEFR0809A	Plain U	0.8-0.9mm (.030”-.035”)	Al	■	■	■													
	XTEFR0810A		0.8-1.0mm (.030”-.040”)		■	■	■													
	DR4V0608	Plain V	0.6-0.8mm (.023”-.030”)	Fe, Ss												■	■			
	DR4V0809		0.8-0.9mm (.030”-.035”)													■	■			
	DR4V0810		0.8-1.0mm (.030”-.040”)													■	■			
	DR4V1012		1.0-1.2mm (.040”-.045”)													■	■			
	DR4K0608	Knurled V	0.6-0.8mm (.023”-.030”)	FC												■	■			
	DR4K0809		0.8-0.9mm (.030”-.035”)													■	■			
	DR4K0810		0.8-1.0mm (.030”-.040”)													■	■			
	DR4U0809	Plain U	0.8-0.9mm (.030”-.035”)	Al												■	■			
	DR4U0810		0.8-1.0mm (.030”-.040”)													■	■			
	DR5V0608	Plain V	0.6-0.8mm (.023”-.030”)	Fe, Ss								■	■	■	■			■		■
	DR5V0810		0.8-1.0mm (.030”-.040”)									■	■	■	■			■		■
	DR5V0910		0.9-1.0mm (.035”-.040”)									■	■	■	■			■		■
	DR5V1012		1.0-1.2mm (.040”-.045”)									■	■	■	■			■		■
	DR5V1216		1.2-1.6mm (.045”-1/16”)									■	■	■	■			■		■
	DR5K0608	Knurled V	0.6-0.8mm (.023”-.030”)	FC								■	■	■	■			■		■
	DR5K0810		0.8-1.0mm (.030”-.040”)									■	■	■	■			■		■
	DR5K1012		1.0-1.2mm (.040”-.045”)									■	■	■	■			■		■
	DR5K1216		1.2-1.6mm (.045”-1/16”)									■	■	■	■			■		■
	DR5U0608	Plain U	0.6-0.8mm (.023”-.030”)	Al								■	■	■	■			■		■
	DR5U0910		0.9-1.0mm (.035”-.040”)									■	■	■	■			■		■
	DR5U1012		1.0-1.2mm (.040”-.045”)									■	■	■	■			■		■
	DR5U1216		1.2-1.6mm (.045”-1/16”)									■	■	■	■			■		■
	DR2V0608	Plain V	0.6-0.8mm (.023”-.030”)	Fe, Ss				■	■	■	■									
	DR2V0609		0.6-0.9mm (.025”-.035”)					■	■	■	■									
	DR2V1012		1.0-1.2mm (.040”-.045”)					■	■	■	■									
	DR2K0809	Knurled V	0.8-0.9mm (.030”-.035”)	FC				■	■	■	■									
	DR2K1012		1.0-1.2mm (.040”-.045”)					■	■	■	■									
	DR2U0809	Plain U	0.8-0.9mm (.030”-.035”)	Al				■	■	■	■									
	DR2U1012		1.0-1.2mm (.040”-.045”)					■	■	■	■									
	XTFRV0608	Plain V	0.6-0.8mm (.023”-.030”)	Fe, Ss															■	
	XTFRV0810		0.8-1.0mm (.030”-.040”)																■	
	XTFRV1012		1.0-1.2mm (.040”-.045”)																■	
	XTFRV1216		1.2-1.6mm (.045”-1/16”)																■	
	XTFRU0810A	Plain U	0.8-1.0mm (.030”-.040”)	Al															■	
	XTFRU1012A		1.0-1.2mm (.040”-.045”)																■	
	XTFRU1216A		1.2-1.6mm (.045”-1/16”)																■	
	XTFRK1012K	Knurled V	1.0-1.2mm (.040”-.045”)	FC															■	

ALL MACHINES ARE MANUFACTURED TO IP23S, ISO/IEC 60974-1, ISO/IEC 60974-6, RoHS DIRECTIVE, LOW VOLTAGE DIRECTIVE, EMC DIRECTIVE (CE COMPLIANT)

CODE ■ Compatible

FEED ROLLS

KEMPPI® FEED ROLLS

PLAIN V GROOVE



STOCK CODE	SIZE	COLOUR	WIRE
3133810	0.6mm-0.8mm	White	Wire Fe, Ss
3133210	1.0mm-1.2mm	Red	Wire Fe, Ss
3133820	1.4mm-1.6mm	Yellow	Wire Fe, Ss

KNURLED V GROOVE



STOCK CODE	SIZE	COLOUR	WIRE
3133940	1.0mm-1.2mm	Red	Wire Fe, Fc
3133990	1.4mm-1.6mm	Yellow	Wire Fe, Fc

TRAPEZOID V GROOVE



STOCK CODE	SIZE	COLOUR	WIRE
3133960	1.0mm-1.2mm	Red	Wire Al

KNURLED V GROOVE



STOCK CODE	SIZE	COLOUR	WIRE
9483073	0.8mm-0.9mm	Black	Wire Al

APT+M FEED ROLLS



STOCK CODE	GROVE	SIZE	WIRE
DR7V0810	Plain V	0.8-1.0 mm	Hard
DR7V1012	Plain V	1.0-1.2 mm	Hard
DR7V1216	Plain V	1.2-1.6 mm	Hard
DR7U0810	Plain U	0.8-1.0 mm	Soft
DR7U1012	Plain U	1.0-1.2 mm	Soft
DR7U1216	Plain U	1.2-1.6 mm	Soft
DR7K1216	Knurled V	1.2-1.6 mm	Cored
DR7K2428	Knurled V	2.4-2.8 mm	Cored

MIGATRONIC® FEED ROLLS

PLAIN V GROOVE



STOCK CODE	SIZE	COLOUR	WIRE
72300000	0.8mm	White	Wire Fe, Ss Fc
72300001	1.0mm	Blue	Wire Fe, Ss Fc
72300003	1.2mm	Red	Wire Fe, Ss Fc

Migatronic® and Kemppi® trademarks is the property of their respective owners, and usage is for reference only. These products are not endorsed by the original manufacturer.

GAS

Parweld offers a wide range of gas cutting and welding equipment including regulators, torches and accessories for a variety of applications.

Safety is always the focus, and all of our products are extensively tested and manufactured to the highest standards.

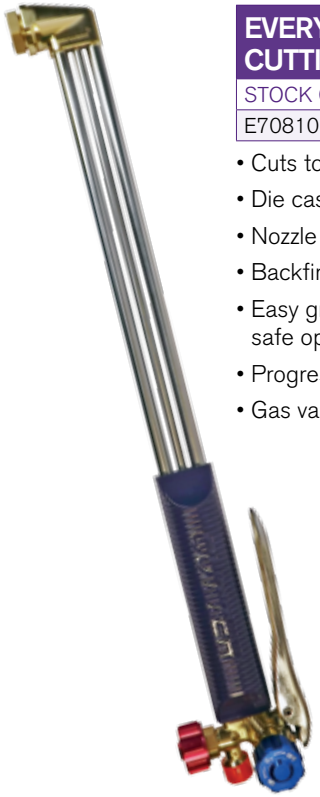
CUTTING AND WELDING TORCHES 309
TRADITIONAL CUTTING AND WELDING TORCHES 310
ACETYLENE CUTTING NOZZLES 312
PROPANE CUTTING NOZZLES 313
WELDING NOZZLES 314
HEATING NOZZLES 314
SIROCCO EVERYDAY GAS REGULATORS 315
SIROCCO FLASHBACK ARRESTORS 316
GAS CONTRACTOR SETS 317
SIROCCO CUTTING AND WELDING HOSES 319
SIROCCO CUTTING AND WELDING SINGLE HOSES 320
HOSE CONNECTIONS & FITTINGS 321
FLOW METERS, FLOW TESTERS, DOUBLE OUTLET CONNECTORS 322
LIGHTERS, NOZZLE CLEANERS, SPANNERS AND SPINDLE KEYS 323

NEED A DIFFERENT CONNECTION?



Speak to sales for more information.

CUTTING AND WELDING TORCHES



EVERYDAY NM 18/90 CUTTING TORCH

STOCK CODE	DESCRIPTION
E708101	Everyday 18/90 NM Cutter

- Cuts to 250mm (10")
- 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



NM 18/90 CUTTING TORCH

STOCK CODE	DESCRIPTION
708101	18/90 NM Cutter

- Cuts to 250mm (10")
- 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

NM 27/90 CUTTING TORCH



STOCK CODE	DESCRIPTION
708121	27/90 NM Cutter

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".

NM 27/105 CUTTING TORCH



STOCK CODE	DESCRIPTION
708124	27/105 NM Cutter

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".

HEAD NUT FOR NM CUTTERS



STOCK CODE	DESCRIPTION
1601A04	Head Nut

NM 36/90 CUTTING TORCH



STOCK CODE	DESCRIPTION
708141	36/90 NM Cutter

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".

NM 36/105 CUTTING TORCH



STOCK CODE	DESCRIPTION
708144	36/105 NM Cutter

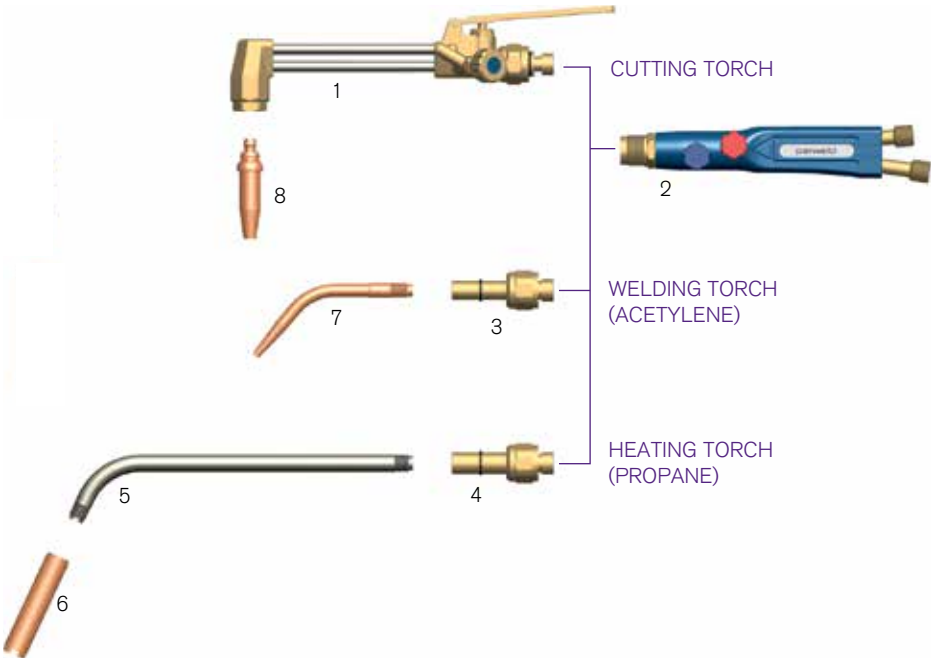
Manufactured to offer the safest method of operation and reliability. The Parweld NM 36/105 Cutting Torch is an extended reach blowpipe with a 105° head angle ideal for scrap cutting on a flat plate, length 36".

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

TRADITIONAL CUTTING AND WELDING TORCHES

TYPE 5 WELDING & CUTTING TORCH





FEATURES

- Cuts to 150mm (6") with Acetylene
- Cuts to 76mm (3") with Propane
- 3/8" BSP Fitting
- Welds mild steel to 25mm (1")
- Heats with Propane from 72,000 – 618,000 BTU/H
- Solid forged handles gun drilled
- Simple hand connections for changes from welding to cutting

Designed to cope with the rigours of modern welding and fabrication environments. Adoption of the handle allows for welding, cutting or heating.

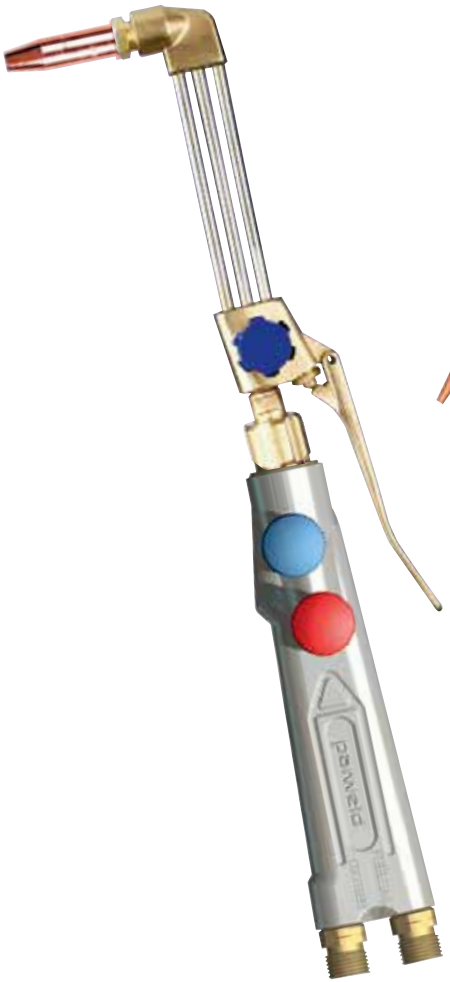
	STOCK CODE	DESCRIPTION
1	707101	Type 5 Cutting Attachment
2	707102	Type 5 Shank
3	707103	Type 5 Welding Mixer (Acetylene)
4	707104	Type 5 Heating Mixer (Propane)
5	707105	270mm Bent Neck (Propane)
	707107	700mm Bent Neck (Propane)
6	**Heating Nozzle see page 314 for options**	
7	**Welding Nozzle see page 314 for options**	
8	**Cutting Nozzle see page 312 for options**	

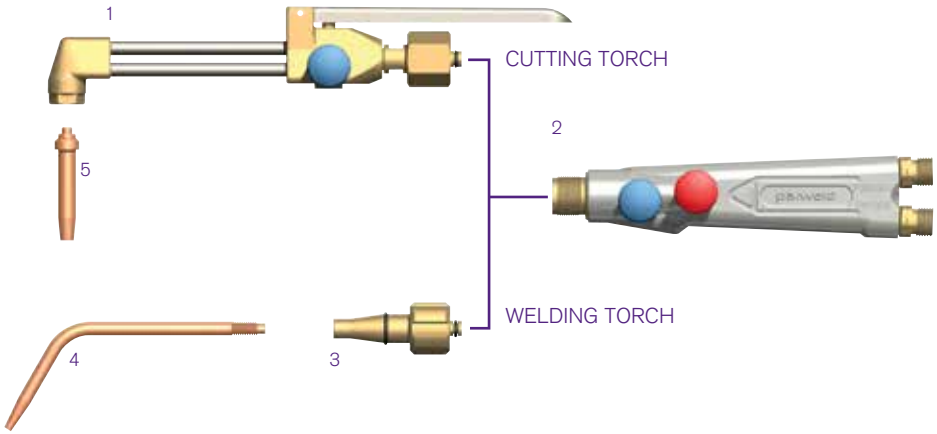
DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

CUTTING AND WELDING CONSUMABLES
See pages 312 - 314 for more information.

TRADITIONAL CUTTING AND WELDING TORCHES

LIGHTWEIGHT WELDING & CUTTING TORCH





FEATURES

- Cuts to 19mm (3/4")
- Welds mild steel to 8mm (5/16")
- Compact handle
- 1/4" BSP fitting
- Extra fine control valves
- Progressive valve action
- Solid forged handle

Designed for light sheet metal and automotive trades.

STOCK CODE		DESCRIPTION
1	707201	Lightweight Cutting Attachment
2	707202	Lightweight Shank
3	707203	Lightweight Welding Mixer (Acetylene)
4	**Welding Nozzle see page 314 for options**	
5	**Cutting Nozzle see page 312 for options**	

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

CUTTING AND WELDING CONSUMABLES
See pages 312 - 314 for more information.

ACETYLENE CUTTING NOZZLES

ANM CUTTING NOZZLE



- General purpose hand cutting Acetylene nozzle (length 75mm).
- Promotes improved economy of gases.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS	BAR ACETYLENE	BAR OXYGEN
701108	0.8mm (1/32")	3mm-6mm	0.14	1.5-2.0
701112	1.2mm (3/64")	5mm-12mm	0.21	2.0-3.0
701116	1.6mm (1/16")	10mm-75mm	0.14	3.0-4.0
701120	2.0mm (5/64")	70mm-100mm	0.14	3.5-4.5
701124	2.4mm (3/32")	90mm-150mm	0.21	4.0-5.0
701132	3.2mm (1/8")	190mm-300mm	0.28	6.0-7.0

AGNM GOUGING NOZZLE



- Low velocity Oxygen stream Acetylene gouging nozzle.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	GAUGE SIZE	BAR ACETYLENE	BAR OXYGEN
702213	13	6mm-8mm	0.5-0.6	4.0
702219	19	8mm-11mm	0.5-0.6	5.0
702225	25	10mm-13mm	0.55	5.5

ASNM SHEET METAL CUTTING NOZZLE



- Sheet metal and straight liner cutting drag Acetylene nozzle.
- Designed to cut with the minimum of heat distortion.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS	BAR ACETYLENE	BAR OXYGEN
705301	1	0.8mm-3mm	0.20	1.0-1.5

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

ANME CUTTING NOZZLE



- General purpose hand cutting Acetylene nozzle .
- Longer than standard ANM Nozzles to give improved backfire resistance and accessibility.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS	BAR ACETYLENE	BAR OXYGEN
701208	0.8mm (1/32")	3mm-6mm	0.14	1.5-2.0
701212	1.2mm (3/64")	5mm-12mm	0.21	2.0-3.0
701216	1.6mm (1/16")	10mm-75mm	0.14	3.0-4.0
701220	2.0mm (5/64")	70mm-100mm	0.14	3.5-4.5
701224	2.4mm (3/32")	90mm-150mm	0.21	4.0-5.0
701232	3.2mm (1/8")	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	0.8mm (1/32")	3mm-6mm	0.20	2.10
705202	1.2mm (3/64")	5mm-12mm	0.20	2.15
705203	1.6mm (1/16")	10mm-75mm	0.20	2.80

APACHI® CUTTING NOZZLE



- Two piece cutting nozzle.
- Designed for use with Apachi® gas.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS
712308	0.8mm (1/32")	3mm-6mm
712320	2.0mm (5/64")	25mm-90mm

Apachi® trademark is the property of their respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.

PROPANE CUTTING NOZZLES

PNM CUTTING NOZZLE



- Designed with the Brass Inner Set Back within the Copper Outer to Enhance Flame Stability.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS	BAR PROPANE	BAR OXYGEN
702108	0.8mm (1/32")	3mm-6mm	0.20	2.10
702112	1.2mm (3/64")	5mm-12mm	0.20	2.10
702116	1.6mm (1/16")	10mm-75mm	0.20	2.80
702120	2.0mm (5/64")	70mm-100mm	0.30	3.50
702124	2.4mm (3/32")	90mm-150mm	0.40	4.20
702132	3.2mm (1/8")	190mm-300mm	0.60	5.60

PNME CUTTING NOZZLE



- General purpose hand cutting Propane nozzle.
- Longer than standard PNM nozzles to give improved backfire resistance and accessibility.
- Type 5 18/90.

STOCK CODE	NOZZLE SIZE	PLATE THICKNESS	BAR PROPANE	BAR OXYGEN
702308	0.8mm (1/32")	3mm-6mm	0.20	2.10
702312	1.2mm (3/64")	5mm-12mm	0.20	2.10
702316	1.6mm (1/16")	10mm-75mm	0.20	2.80
702320	2.0mm (5/64")	70mm-100mm	0.30	3.50
702324	2.4mm (3/32")	90mm-150mm	0.40	4.20
702332	3.2mm (1/8")	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.
- Bar Propane 0.10.

STOCK CODE	NOZZLE	PLATE THICKNESS	BAR OXYGEN
703100	5/0	1.5mm	2.75
703101	4/0	6mm	3.45
703102	3/0	9mm	5.17
703104	0	18mm	6.42
703105	0.5	32mm	6.90
703106	1	64mm	6.90

STOCK CODE	NOZZLE	PLATE THICKNESS	BAR OXYGEN
703108	2	127mm	6.90
703109	2.5	150mm	6.90
703110	3	178mm	6.90
703111	4	203mm	6.90
703113	5.5	254mm	6.42

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

WELDING NOZZLES

LIGHTWEIGHT NOZZLE



- One piece swaged design.
- Used with a lightweight shank and mixer.

STOCK CODE	NOZZLE	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	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 NOZZLES

HEATING NOZZLE



- Used with Type 5 shank, heating nozzle (Propane) and heating neck.

STOCK CODE	NOZZLE	OUTPUT BTU	BAR PROPANE	BAR OXYGEN
705102	2	100,000-85,000	0.21-0.56	1.10-2.50
705103	3	180,000-60,000	0.28-1.10	1.80-5.00
705104	4	235,000-05,000	0.35-1.30	2.50-5.70
705105	5	280,000-15,000	0.85-2.10	3.52-8.70

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

SIROCCO EVERYDAY GAS REGULATORS

SINGLE STAGE PLUGGED



STOCK CODE	DESCRIPTION	MAX OUTLET PRESSURE
700102	300 Bar – Oxygen	10 Bar
700104	25 Bar – Propane	4.0 Bar

SINGLE STAGE 1 GAUGE



STOCK CODE	DESCRIPTION	MAX OUTLET PRESSURE
700113	300 Bar – Gauge Argon	30 lpm flow
700140	Argon Preset Regulator	3.0 Bar

SINGLE STAGE 2 GAUGE



STOCK CODE	DESCRIPTION	MAX OUTLET PRESSURE
700121	25 Bar – Acetylene	1.5 Bar
700122	300 Bar – Oxygen	10 Bar

SINGLE STAGE 2 GAUGE



STOCK CODE	DESCRIPTION	MAX OUTLET PRESSURE
700123	300 Bar – Argon	30 lpm flow
700152	300 Bar – CO_2 (Side Entry)	4.0 Bar

FITTINGS

- Fitted with 1/4" G parallel threaded gauges.
- Fitted with standard 3/8" BSP outlet.
- Fitted with 5/8" BSP inlet connections.

FEATURES

- Flow rate up to 96m^3/h (3389 ft^3/h).
- Full 300 bar capability.
- Bottom entry design suited for top outlet cylinder valves.
- Improved Valve design to reduce gas pressure pulses.

SIROCCO 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 LH 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 LH 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.

FITTINGS

- 3/8" BSP
- H&SE approved
- BAM approved

GAS CONTRACTOR SETS

GAS CONTRACTORS SET A
18/90 Cutting Set – Single Stage 2 Gauge



STOCK CODE	DESCRIPTION
700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
700122	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 (NI)	Fitted Hose (Oxy & Ace) 10mm (3/8") - 3/8" BSP Check Valves 10m
701108	ANM Cutting Nozzle 0.8mm (1/32")
701112	ANM Cutting Nozzle 1.2mm (3/64")
682001	Round Cup Lighter
695001	Combination Spanner

Gas Contractors Set AC **Supplied as above inside a portable case**

GAS CONTRACTORS SET C
Lightweight Welding & Brazing Set



STOCK CODE	DESCRIPTION
700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760605 (NI)	Fitted Hose (Oxy & 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 CC **Supplied as above inside a portable case**

GAS CONTRACTORS SET D
Lightweight Cutting and Welding Set



STOCK CODE	DESCRIPTION
700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760605 (NI)	Fitted Hose (Oxy & Ace) 6mm (1/4") - 1/4" BSP Check Valves 5m
707202	Lightweight Welding Shank
707203 (NI)	Lightweight Welding Mixer
707201	Lightweight Cutting Attachment
705202	AFNM Nozzle 1.2mm (3/64") (not shown)
704102	Lightweight Weld Nozzle Size 2
704105	Lightweight Weld Nozzle Size 5
682001	Round Cup Lighter
695001	Combination Spanner

Gas Contractors Set DC **Supplied as above inside a portable case**

GAS CONTRACTOR SETS

GAS CONTRACTORS SET E
Type 5 Cutting and Welding Set



STOCK CODE	DESCRIPTION
700121	Regulator 25 Bar Single Stage 2 Gauge Acetylene
700122	Regulator 300 Bar Single Stage 2 Gauge Oxygen 10 Bar
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
760805 (NI)	Fitted Hose (Oxy & Ace) 8mm (5/16") – 3/8" 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 EC	**Supplied as above inside a portable case**

GAS CONTRACTORS SET 2
Propane Cutting Set



STOCK CODE	DESCRIPTION
700102	Regulator 300 Bar Single Stage Plugged Oxygen 10 Bar
700104	Regulator Single Stage Plugged Propane
E708101	18/90 NM Cutter
709102	Flashback Arrestor In-line Oxygen
709104	Flashback Arrestor In-line Fuel
764110 (NI)	Fitted Hose (Oxy & Prop) 10mm (3/8") – 3/8" BSP Check Valves 10m
702108	PNM Nozzle 0.8mm (1/32")
702112	PNM Nozzle 1.2mm (3/64")
682001	Round File Cup Lighter
695001	Combination Spanner

Gas Contractors Set 2C	**Supplied as above inside a portable case**
Gas Contractors Set 4	**As Gas Contractors Set 2 but with 20 metre hose – 764120**

PORTABLE TOOL CASE
Specially designed to suit Gas Contractors Sets



STOCK CODE	DESCRIPTION
CONTRACTOR SET CASE	Case including tray inserts



SIROCCO

CUTTING AND WELDING HOSES

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 3821.
- Hose burst pressure tested to 60 Bar.



ACETYLENE WELDING HOSE Coil (No Fittings)



STOCK CODE	HOSE BORE	LENGTH
7606-R	6mm (1/4")	50m
7608-R	8mm (5/16")	50m
7610-R	10mm (3/8")	50m

OXYGEN/ACETYLENE TWIN HOSE Coil (No Fittings)



STOCK CODE	HOSE BORE	LENGTH
7706	6mm (1/4")	50m
7708	8mm (5/16")	50m
7710	10mm (3/8")	50m

PROPANE WELDING HOSE Coil (No Fittings)



STOCK CODE	HOSE BORE	LENGTH
7606-O	6mm (1/4")	50m
7608-O	8mm (5/16")	50m
7610-O	10mm (3/8")	50m

OXYGEN WELDING HOSE Coil (No Fittings)



STOCK CODE	HOSE BORE	LENGTH
7606-B	6mm (1/4")	50m
7608-B	8mm (5/16")	50m
7610-B	10mm (3/8")	50m

ARGON WELDING HOSE Coil (No Fittings)



STOCK CODE	HOSE BORE	LENGTH
7606-A	6mm (1/4")	50m
7608-A	8mm (5/16")	50m
7610-A	10mm (3/8")	50m

BLACK ARGON WELDING HOSE Coil Rubber EN3821



STOCK CODE	HOSE BORE	LENGTH
R6MM	6mm (1/4")	50m

SIROCCO CUTTING AND WELDING HOSES SETS

OXYGEN AND ACETYLENE WELDING HOSE SETS
Cylinder Fitting - 3/8" BSP



STOCK CODE	HOSE BORE	TORCH FITTING	LENGTH
760605	6mm (1/4")	1/4" BSP Check Valves	5m
760610	6mm (1/4")	1/4" BSP Check Valves	10m
760620	6mm (1/4")	1/4" BSP Check Valves	20m
761605	6mm (1/4")	3/8" BSP Check Valves	5m
761610	6mm (1/4")	3/8" BSP Check Valves	10m
761620	6mm (1/4")	3/8" BSP Check Valves	20m
760805	8mm (5/16")	3/8" BSP Check Valves	5m
760810	8mm (5/16")	3/8" BSP Check Valves	10m
760820	8mm (5/16")	3/8" BSP Check Valves	20m
761005	10mm (3/8")	3/8" BSP Check Valves	5m
761010	10mm (3/8")	3/8" BSP Check Valves	10m
761020	10mm (3/8")	3/8" BSP Check Valves	20m

OXYGEN AND PROPANE WELDING HOSE SETS
Cylinder Fitting - 3/8" BSP



STOCK CODE	HOSE BORE	TORCH FITTING	LENGTH
764605	6mm (1/4")	1/4" BSP Check Valves	5m
764610	6mm (1/4")	1/4" BSP Check Valves	10m
764620	6mm (1/4")	1/4" BSP Check Valves	20m
764805	8mm (5/16")	3/8" BSP Check Valves	5m
764810	8mm (5/16")	3/8" BSP Check Valves	10m
764820	8mm (5/16")	3/8" BSP Check Valves	20m
764105	10mm (3/8")	3/8" BSP Check Valves	5m
764110	10mm (3/8")	3/8" BSP Check Valves	10m
764120	10mm (3/8")	3/8" BSP Check Valves	20m

DIFFERENT CONNECTIONS AVAILABLE
Contact sales for more information

CUTTING & WELDING SINGLE HOSE

CUTTING & WELDING SINGLE HOSE
Cylinder Fitting - 3/8" BSP



STOCK CODE	HOSE BORE	CHECK VALVES	LENGTH
760605-OX	6mm (1/4")	1/4" BSP	5m
760610-OX	6mm (1/4")	1/4" BSP	10m
760620-OX	6mm (1/4")	1/4" BSP	20m
761605-OX	6mm (1/4")	3/8" BSP	5m
761610-OX	6mm (1/4")	3/8" BSP	10m
761620-OX	6mm (1/4")	3/8" BSP	20m
760805-OX	8mm (5/16")	3/8" BSP	5m
760810-OX	8mm (5/16")	3/8" BSP	10m
760820-OX	8mm (5/16")	3/8" BSP	20m
761005-OX	10mm (3/8")	3/8" BSP	5m
761010-OX	10mm (3/8")	3/8" BSP	10m
761020-OX	10mm (3/8")	3/8" BSP	20m

SINGLE ACETYLENE FITTED HOSE
Cylinder Fitting - 3/8" BSP



STOCK CODE	HOSE BORE	CHECK VALVES	LENGTH
760605-AC	6mm (1/4")	1/4" BSP	5m
760610-AC	6mm (1/4")	1/4" BSP	10m
760620-AC	6mm (1/4")	1/4" BSP	20m
761605-AC	6mm (1/4")	3/8" BSP	5m
761610-AC	6mm (1/4")	3/8" BSP	10m
761620-AC	6mm (1/4")	3/8" BSP	20m
760805-AC	8mm (5/16")	3/8" BSP	5m
760810-AC	8mm (5/16")	3/8" BSP	10m
760820-AC	8mm (5/16")	3/8" BSP	20m
761005-AC	10mm (3/8")	3/8" BSP	5m
761010-AC	10mm (3/8")	3/8" BSP	10m
761020-AC	10mm (3/8")	3/8" BSP	20m

SINGLE PROPANE FITTED HOSE
Cylinder Fitting - 3/8" BSP



STOCK CODE	HOSE BORE	CHECK VALVES	LENGTH
764605-PR	6mm (1/4")	1/4" BSP	5m
764610-PR	6mm (1/4")	1/4" BSP	10m
764620-PR	6mm (1/4")	1/4" BSP	20m
764805-PR	8mm (5/16")	3/8" BSP	5m
764810-PR	8mm (5/16")	3/8" BSP	10m
764820-PR	8mm (5/16")	3/8" BSP	20m
764105-PR	10mm (3/8")	3/8" BSP	5m
764110-PR	10mm (3/8")	3/8" BSP	10m
764120-PR	10mm (3/8")	3/8" BSP	20m

HOSE CONNECTIONS & FITTINGS

TAILNUTS

• Used with hose tails to terminate hoses.



STOCK CODE	DESCRIPTION
030015	1/4" BSP RH
030016	1/4" BSP LH
0315011	3/8" BSP RH
0315013	3/8" BSP LH

TAILS

• Allows the termination of hoses when used with tail nuts.



STOCK CODE	DESCRIPTION
030015 NI	1/4" BSP 5mm (1/4") (Barb)
030015 NG	1/4" BSP 6mm (1/4") (Barb)
0315014	3/8" BSP 5mm (1/4") (Barb)
0315014G	3/8" BSP 6mm (1/4") (Barb)
0315008	3/8" BSP 8mm (5/16") (Barb)
0315009	3/8" BSP 10mm (3/8") (Barb)

HOSE CHECK VALVE

• Used with Propane and Acetylene hoses.



STOCK CODE	DESCRIPTION
DSCV146R	1/4" Nut–1/4" (6mm) Tail–RH
DSCV146L	1/4" Nut–1/4" (6mm) Tail–LH
DSCV386R	3/8" Nut–1/4" (6mm) Tail–RH
DSCV386L	3/8" Nut–1/4" (6mm) Tail–LH
DSCV388R	3/8" Nut–5/16" (8mm) Tail–RH
DSCV388L	3/8" Nut–5/16" (8mm) Tail–LH
DSCV3810R	3/8" Nut–3/8" (10mm) Tail–RH
DSCV3810L	3/8" Nut–3/8" (10mm) Tail–LH

COUPLERS

• Used to extend or adapt hoses.



STOCK CODE	DESCRIPTION
0315066	1/4" – 1/4" BSP Male – RH
0315067	1/4" – 1/4" BSP Male – LH
0315068	1/4" – 3/8" BSP Male – RH
0315069	1/4" – 3/8" BSP Male – LH
0315070	3/8" – 3/8" BSP Male – RH
0315072	3/8" – 3/8" BSP Male – LH

SPLICERS

• Used to join hoses of the same bore size together.



STOCK CODE	DESCRIPTION
SPL06	6mm (1/4") Bore Hose
SPL08	8mm (5/16") Bore Hose
SPL10	10mm (3/8") Bore Hose

CYLINDER ADAPTORS



STOCK CODE	DESCRIPTION
RHCA90	RH Cylinder Adaptor 90°
LHCA90	LH Cylinder Adaptor 90°

SINGLE EAR HOSE CLAMPS



STOCK CODE	DESCRIPTION
B5043	24.5mm (21-23.8mm)
B5044	18.5mm (15.6-17.8mm)
B5045	8.7mm (7.5-8.7mm)
B5047	27.0mm (23.3-26.3mm)
B5048	8.0mm (6.8-8mm)
B5024	9.5mm (8.1-9.5mm)

HOSE CLAMPS



STOCK CODE	DESCRIPTION	HOSE ID
HC10	3/8" (8-11mm)	6mm (1/4")
HC13	1/2" (11-13mm)	5mm (13/64")
HC15	9/16" (13-15mm)	6mm (1/4")
HC16	5/8" (15-17mm)	8mm (5/16")
HC19	3/4" (17-20mm)	10mm (3/8")

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.

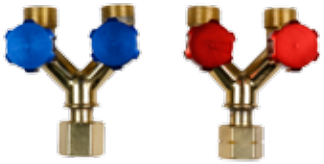
GAS FLOW TESTER



Designed to check gas flow at the front of MIG or TIG Torches.

STOCK CODE	DESCRIPTION
806001	Gasflow Tester 0-25 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

LIGHTERS, NOZZLE CLEANERS, SPANNERS AND SPINDLE KEYS

PISTOL TYPE LIGHTER



STOCK CODE	DESCRIPTION
683001	Pistol Type Lighter x 10
683002	Pistol Flint Renewals

ROUND CUP 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 ISO 5175-1:2017

Design and Materials	✓
Requirements	✓
Tests	✓
Manufacturer Instructions	✓

Hose Assemblies BS EN 1256 2006, EN ISO 3821:2010, ISO 5175-2:2017

Construction	✓
Operational Criteria	✓
Performance Requirements	✓

Rubber Hose BS EN ISO 3821:2010

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	✓

BE PARWELD PROTECTED

Staying safe and protected is essential when working in any environment, a welding one is no different. Parweld offers a range of hard wearing welding safety equipment ideal for workshop use.



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WELDING GAUNTLETS

PANTHER PRO GAUNTLET



COW GRAIN LEATHER

FEATURES

- Fully reinforced palm and thumb
- Reinforced fingers
- Fully Lined
- 1.2mm Leather for durability
- Extra length cuff (180mm)
- A grade leather

STOCK CODE	SIZES
P3824-10	10

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 12477:2001
- BS EN 407:2020

4244 313X3X

PANTHER PRO LONG SLEEVE GAUNTLET



COW GRAIN LEATHER

FEATURES

- Fully reinforced palm and thumb
- Long sleeve covers whole arm for extra protection
- 'A' grade leather
- 480mm cuff length

STOCK CODE	SIZES
P3822-10	10

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 12477:2001
- BS EN 407:2020

4244 313X3X

WELDING GAUNTLETS

PANTHER BLACK MIG GAUNTLET GLOVE



GOAT SKIN SOFT LEATHER

FEATURES

- Soft leather construction
- Close fit for maximum control
- Split leather cow hide cuff
- Superior fingertip control
- Superior positional control

4244 313X3X

STOCK CODE	SIZES
P3833-8	8
P3833-9	9
P3833-10	10
P3833-11	11

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 12477:2001
- BS EN 407:2020

PANTHER GAUNTLET



COW SPLIT LEATHER

FEATURES

- Double Kevlar® stitched
- Reinforced palm and thumb
- 'A' grade leather
- Minimum palm thickness 1.2mm
- Fully lined and fully welted
- Extra length cuff (180mm)

4244 313X3X

STOCK CODE	SIZES
P3825-9	9
P3825-10	10
P3825-11	11

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 12477:2001
- BS EN 407:2020

WELDING GAUNTLETS

PANTHER ALUMINISED GAUNTLET



COW SPLIT LEATHER

STOCK CODE	SIZES
P3828-10	10

FEATURES

- Aluminium backing giving enhanced protection against radiated heat
- Kevlar® stitching
- Fully lined

4244 313X3X

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 12477:2001
- BS EN 407:2020

REVERSIBLE GAUNTLETS



COW SPLIT LEATHER

STOCK CODE	SIZES
P3826-11	11

FEATURES

- Double Kevlar® stitched
- Reversible design reduces costs
- Minimum palm thickness 1.2mm
- Fully lined and fully welted

4244 313X3X

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

WELDING GAUNTLETS

WELDERS GAUNTLET



SCAN FOR MORE INFORMATION

COW SPLIT LEATHER

STOCK CODE	SIZES
P3820-10	10

FEATURES

- One piece back
- Reinforced palm
- Fully lined
- Minimum palm thickness 1.2mm

3244 414X4X

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

ALUMINISED HAND SHIELD



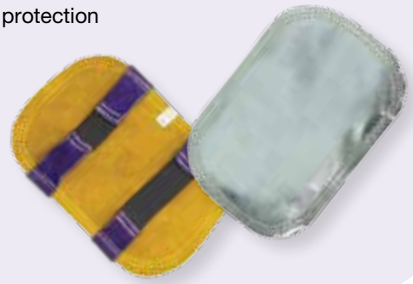
SCAN FOR MORE INFORMATION

SPLIT HIDE LEATHER WITH ALUMINISED FRONT

STOCK CODE	SIZES
P3829	One

FEATURES

- Provides additional protection from reflected heat
- Elasticated straps



TIG GLOVES

PANTHER PRO TIG GLOVE



GOAT SKIN WITH COW HIDE CUFF AND REAR

STOCK CODE	SIZES
P3839-8	8
P3839-9	9
P3839-10	10

FEATURES

- Cow hide rear to give improved heat protection
- Reinforced hand rest for improved durability
- Thumb patch for filler rod feeding
- Elasticated cuff for secure fit

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

1111 41XX2X

PANTHER PRO DEER SKIN TIG GLOVE



DEER SKIN SOFT LEATHER

STOCK CODE	SIZES
P3837-7	7
P3837-8	8
P3837-9	9
P3837-10	10

FEATURES

- Deer skin soft leather body
- Split leather cow hide cuff
- Superior fingertip control
- Reinforced palm for durability

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

1111 41XX2X

TIG GLOVES

PANTHER BLACK SHORT TIG GLOVE



GOAT SKIN SOFT LEATHER

FEATURES

- Soft leather construction
- Close fit for maximum control
- Split leather cow hide cuff
- Superior fingertip control
- Ideal for fine work

1111 212X1X

STOCK CODE	SIZES
P3832-7	7
P3832-8	8
P3832-9	9
P3832-10	10

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

PANTHER FINGERTIP SENSITIVITY TIG GLOVE



GOAT SKIN WITH COW HIDE CUFF

FEATURES

- Reinforced thumb
- Reinforced wrist patch
- Extra long cuff (150mm)

1111 41XX2X

STOCK CODE	SIZES
P3838-8	8
P3838-9	9
P3838-10	10

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

PARWELD GLOVES

TIG GLOVE



GOAT SKIN WITH COW HIDE CUFF

SCAN FOR MORE INFORMATION

STOCK CODE	SIZE
P3835-10	10

FEATURES

- Reinforced thumb
- Reinforced wrist patch
- Extra long cuff (150mm)
- With gusseted fingers for improved dexterity

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

1111 212X1X

TIG GLOVE



COW HIDE GRAIN LEATHER

SCAN FOR MORE INFORMATION

STOCK CODE	SIZE
P3830-10	10

FEATURES

- Extra long cuff

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN 407:2020
- BS EN 12477:2001
- BS EN ISO 21420:2020

1111 212X1X

TIG FINGER HEAT SHIELD



METAL MATERIAL

SCAN FOR MORE INFORMATION

STOCK CODE	SIZES
TF1	Standard
TF2	XL Size

FEATURES

- Provides additional heat protection
- Allows you to steady your hand on the work piece



PANTHER WELDING JACKET







STOCK CODE	SIZES
P3788-M	Medium
P3788-L	Large
P3788-XL	Xtra Large
P3788-XXL	XXtra Large
P3788-XXXL	XXXtra Large

FEATURES

- Worn over garments to protect body and arms from sparks and spatter
- Leather front and shoulders
- Stand up collar
- Adjustable wrists
- Inside pocket
- Side take up straps
- Kevlar® stitched
- 1.2mm thick split cow hide
- Flame retardant cloth back with shoulder vent to improve comfort
- Flame retardant cloth under arm for improved flexibility
- Head phone slot

STANDARDS

- BS EN ISO 11611:2015 Class 1

PANTHER BLACK LEATHER SLEEVE WELDERS JACKET

NEW PRODUCT







SPLIT COW SKIN LEATHER WITH FR COTTON BODY

STOCK CODE	SIZES
P3787-M	Medium
P3787-L	Large
P3787-XL	Xtra Large
P3787-XXL	XXtra Large
P3787-XXXL	XXXtra Large

FEATURES

- Leather sleeves for arm protection
- Adjustable wrists for spark protection
- Flame retardant cotton body for improved comfort and flexibility
- Internal pockets
- Kevlar stitched

STANDARDS

- BS EN ISO 11611:2015 Class 1

PANTHER BLACK LEATHER CAPE WELDERS JACKET

NEW PRODUCT







SPLIT COW SKIN LEATHER WITH FR COTTON BODY

STOCK CODE	SIZES
P3786-M	Medium
P3786-L	Large
P3786-XL	Xtra Large
P3786-XXL	XXtra Large
P3786-XXXL	XXXtra Large

FEATURES

- Leather sleeves for arm protection
- Leather cape top for shoulder protection
- Great for overhead welding
- Adjustable wrists for spark protection
- Flame retardant cotton body for improved comfort and flexibility
- Internal pockets
- Kevlar stitched

STANDARDS

- BS EN ISO 11611:2015 Class 1

WELDERS CLOTHING

RED WELDING JACKET



GOAT SKIN WITH COW HIDE CUFF

STOCK CODE	SIZES
P3780-M	Medium
P3780-L	Large
P3780-XL	Xtra Large
P3780-XXL	XXtra Large
P3780-XXXL	XXXtra Large

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 11611:2015 Class 1

PANTHER APRON



C/W BUCKLE AND TIES

STOCK CODE	SIZES
P3725	61cm x 91cm (24" x 36")

FEATURES

- Offers protection from sparks and heat generated from welding and industrial applications
- Kevlar® stitched
- Strong cotton webbing
- 1.2mm thick split cow hide
- Click fasteners for waist and neck look

STANDARDS

- BS EN ISO 11611:2015 Class 1

RED APRON



C/W BUCKLE AND TIES

STOCK CODE	SIZES
P3720	61cm x 91cm (24" x 36")

FEATURES

- Heavy duty leather apron with reinforced ties
- Offers protection from sparks and heat generated from welding and industrial applications
- Click fasteners for waist and neck look

STANDARDS

- BS EN ISO 11611:2015 Class 1

WELDERS CLOTHING

PANTHER LEATHER SLEEVE



FLEXIBLE PROTECTION FOR YOUR ARMS

STOCK CODE	SIZES
P3765	46cm (18")

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 split cow hide
- Flame retardant cloth insert to improve flexibility

STANDARDS

- BS EN ISO 11611:2015 Class 1

RED LEATHER SLEEVE



PROTECTION FOR CLOTHES AND ARMS

STOCK CODE	SIZES
P3760	46cm (18")

FEATURES

- Offers protection for clothes and arms from sparks and heat generated from welding and industrial applications
- Elasticised cuff

STANDARDS

- BS EN ISO 11611:2015 Class 1

RED LEATHER SPAT

STOCK CODE	SIZES
P3740	One



STANDARDS

- BS EN ISO 11611:2015 Class 1

PANTHER LEATHER SPAT



WORN OVER FOOT AND LOWER LEG

STOCK CODE	SIZES
P3745	One



FEATURES

- Offers protection for shoes and trousers from sparks and heat generated from welding and industrial applications
- 1.2mm thick split cow hide
- Secured with velcro and securing leather strap

STANDARDS

- BS EN ISO 11611:2015 Class 1

FLAME PROTECTION

FLAME RETARDANT HOOD

CODE	SIZE
P3940	One



A1 B1 C1

FEATURES

- Front fastening
- Adjustable
- Lined hood
- Navy blue
- 335g 100% Cotton fabric with flame retardant treatment

STANDARDS

- BS EN ISO 14116:2015

EVERYDAY FLAME RETARDANT HOOD

CODE	SIZE
P3942	One



A1 B1 C1

FEATURES

- Front fastening
- Adjustable
- Navy Blue
- 335g 100% Cotton fabric with flame retardant treatment

STANDARDS

- BS EN ISO 14116:2015

FLAME RETARDANT HOOD LONG

CODE	SIZE
P3950	One



A1 B1 C1

FEATURES

- Front fastening
- Adjustable
- Lined Hood
- Navy Blue
- Longer Cape
- 335g 100% Cotton fabric with flame retardant treatment

STANDARDS

- BS EN ISO 14116:2015

BANDANA

CODE	SIZE
P3960	One



DURABLE FLAME TREATED COTTON

FEATURES

- 335g 100% Cotton fabric with flame retardant treatment

STANDARDS

- BS EN ISO 14116:2015

DRIVER GLOVES

PANTHER DRIVER GLOVES



COW HIDE GRAIN LEATHER

STOCK CODE	SIZES
P3855-7	7
P3855-8	8
P3855-9	9
P3855-10	10

FEATURES

- Fully lined for extra comfort
- Key set thumb for extra movement and flexibility
- Rolled hem
- Elasticated back
- Reinforced palm for extended life.

STANDARDS

- BS EN 388:2016 +A1:2018

4133

PANTHER CUT-RESISTANT DRIVERS GLOVE

NEW PRODUCT



COW HIDE GRAIN LEATHER

STOCK CODE	SIZES
P3856-9	9
P3856-10	10

FEATURES

- Premium soft grain Leather.
- Half elastication to back of cuff.
- Para-Aramid lining.

STANDARDS

- BS EN 388:2016+A1:2018

4X44D

DRIVER GLOVES

PANTHER MESH BACK DRIVERS GLOVE



COW GRAIN LEATHER

STOCK CODE	SIZES
P3854-7	7
P3854-8	8
P3854-9	9
P3854-10	10

FEATURES

- Soft leather palm and finger facing
- Mesh rear for cooling
- Neoprene knuckle guard

STANDARDS

- BS EN 388:2016 +A1:2018

4133

PANTHER IMPACT PROTECTION DRIVERS GLOVE



COW HIDE GRAIN LEATHER

STOCK CODE	SIZES
P3857-8	8
P3857-9	9
P3857-10	10

FEATURES

- TPE impact protectors to rear of hand and fingers
- Fully lined for comfort
- Elasticated back
- Reinforced palm for durability

STANDARDS

- BS EN 388:2016+A1:2018

4133XP

DRIVER GLOVES

PANTHER THERMAL LEATHER GLOVE



COW HIDE SPLIT LEATHER WITH THERMAL LINING

STOCK CODE	SIZE
P3815-10	10

FEATURES

- Premium Cowhide Split Leather
- G-150gram Thinsulate and Micro Fleece
- Nylon Cuff

STANDARDS

- BS EN 388:2016+A1:2018
- BS EN 511:2006

4X34B 13X

DRIVERS GLOVE



GOAT HIDE GRAIN LEATHER

STOCK CODE	SIZES
P3850-7	7
P3850-8	8
P3850-9	9
P3850-10	10

FEATURES

- Fully lined for extra comfort
- Key set thumb for extra movement and flexibility
- Rolled hem
- Elasticated back
- Reinforced palm for extended life.

STANDARDS

- BS EN 388:2016 +A1:2018

3122

HANDLING GLOVES

LEATHER FREEZER GLOVE



WITH ELASTICATED CUFF

STOCK CODE	SIZE
P3803	10

2143

FEATURES

- Full grain soft cowhide leather
- Elasticated cuff with integral vein patch
- Fully cotton fleece lined
- Robust hard wearing, multi purpose glove ideal for low temperature working

STANDARDS

- BS EN 388:2016+A1:2018

PROTECTION SLEEVES

PARA-ARAMID SLEEVE



FEATURES

- Increased protection against cuts, slashes and abrasion
- Soft flexible yarn and seamless construction will not irritate arms, even during long periods of wear
- Thumb slot cut out helps to locate the sleeve securely and also increases protection to the palm area
- Provides shield protection from heat vapers

STOCK CODE	SIZES
P4210	10"
P4212	12"
P4218	18"
P4222	22"

EN407 42XXXX

EN388 152X

STANDARDS

- BS EN 388:2016+A1:2018
- BS EN 11612
- BS EN 21420:2020

RIGGER GLOVES

PANTHER CANADIAN RIGGER GLOVE



COW SKIN AND COTTON

STOCK CODE	SIZES
P3805-7	7
P3805-8	8
P3805-9	9
P3805-10	10

4133

FEATURES

- Premium split cow skin
- 50mm reinforced cuff incorporating vein patch
- Minimum palm thickness 1.2mm
- Hi-Vis strip on knuckle protection

STANDARDS

- BS EN 388:2016 +A1:2018

PANTHER CUT-RESISTANT RIGGER GLOVE



COW HIDE AND COTTON WITH PARA-ARAMID LINING

STOCK CODE	SIZES
P3806-7	7
P3806-8	8
P3806-9	9
P3806-10	10

4X44E

FEATURES

- Premium split leather
- Heavyweight cotton backing and safety cuff
- Para-Aramid lining

STANDARDS

- BS EN 388:2016+A1:2018

RIGGER GLOVES

POWER RIGGER GLOVE



COW SPLIT LEATHER

STOCK CODE	SIZE
P3802-10	10

FEATURES

- Shoulder split leather
- Rubberised cuff
- Elasticated back
- Fully lined for extra comfort

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

2244X

DOUBLE PALM RIGGER GLOVE



COW SPLIT LEATHER

STOCK CODE	SIZE
P3801-10	10

FEATURES

- Shoulder split leather
- Double palm finger and thumb
- Rubberised cuff
- Elasticated back
- Fully lined for extra comfort

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

3242X

MECHANIC GLOVE



SYNTHETIC LEATHER

STOCK CODE	SIZE
P3810-10	10

FEATURES

- Velcro fasten cuff
- Spandex back for snug fit
- Reinforced palm and knuckles
- Finger tip wear pads

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

4133

GRIP GLOVES
COLOUR CODED PROTECTION

PANTHER NITRILE GRIPPER



NITRILE COATED NYLON 13G

STOCK CODE	SIZES
P3870-6	6
P3870-7	7
P3870-8	8
P3870-9	9
P3870-10	10
P3870-11	11

FEATURES

- Improved grip for wet or oily items
- Foam nitrile dual density coating helps keep glove surface dry
- Long lasting construction
- Close fitting

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

3131X

NITRILE GRIPPER GLOVE LITE



NITRILE COATED 13G POLYESTER

STOCK CODE	SIZES
P3872-8	8
P3872-9	9
P3872-10	10
P3872-11	11

NEW PRODUCT

FEATURES

- Improved grip for wet or oily items
- Smooth nitrile coating give good grip for wet or oily parts
- Close fitting construction

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

3131X

PU GRIPPER GLOVE LITE



PU COATED NYLON

STOCK CODE	SIZES
P3862-8	8
P3862-9	9
P3862-10	10
P3862-11	11

NEW PRODUCT

FEATURES

- Ideal for light handling
- PU coating gives grip and abrasion resistance
- Knitted wrist
- Coated palm

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

3121X

GRIP GLOVES
COLOUR CODED PROTECTION

PANTHER PU RED CUT A



PU NYLON 15G COATED

FEATURES
- Good breathability
- Excellent dexterity
- Low particle shed, good for dry working
- Nylon woven body

STOCK CODE	SIZES
P3860-6	6
P3860-7	7
P3860-8	8
P3860-9	9
P3860-10	10
P3860-11	11

STANDARDS
- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

4131A

PANTHER PU AMBER CUT B



NEW PRODUCT

13G POLYESTER YARN WITH PU PALM COATING

FEATURES
- Good cut protection
- Good breathability
- Good dexterity
- Low particle shed, good for dry working
- Polyester woven body

STOCK CODE	SIZES
P3843-9	9
P3843-10	10
P3843-11	11

STANDARDS
- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 150:3997

4X42B

GRIP GLOVES
COLOUR CODED PROTECTION

PANTHER PU GREEN CUT D



13G HPPE YARN WITH PU PALM COATING

FEATURES

- Excellent cut protection
- Reinforced PU coating
- Good dexterity
- Low particle shed, good for dry working
- HPPE woven body

STOCK CODE	SIZES
P3845-7	7
P3845-8	8
P3845-9	9
P3845-10	10
P3845-11	11

STANDARDS

- BS EN 388:2016 +A1:2018
- BS EN ISO 21420:2020
- BS EN 150:3997

4X43D

THERMAL GRIPPER LATEX GLOVE



LATEX

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
- Colour safe identification

STOCK CODE	SIZES
P3840-9	9
P3840-10	10
P3840-11	11

STANDARDS

- BS EN ISO 21420:2020
- BS EN 388:2016 +A1:2018

2242X

SAFETY SPECTACLES

CLEAR WRAP ROUND ANTI FOG SAFETY SPECTACLES



STOCK CODE	STYLE
P3446	Clear

FEATURES

- One piece wrap round polycarbonate lens
- Anti fog coating
- TPE brow bar and nose support for ultimate comfort
- Weight 25g

STANDARDS

- BS EN166:2002 1F



SPORTS STYLE IN RED AND BLUE FRAMES

NYLON FRAME WITH METALLIC PAINT / CLEAR POLYCARBONATE LENS



FEATURES

- Optical Class 1
- Low profile
- Panoramic vision
- Cushioned side arms
- Moulded nose bridge
- Lightweight
- 99.9% UV protection
- Supplied with neck cord

STOCK CODE	STYLE
P3442R	Red
P3442	Blue

STANDARDS

- BS EN 166:2002 1FT

SAFETY SPECTACLES

LARGE LENS SPECTACLES



STOCK CODE	STYLE
P3448	Clear

CLEAR POLYCARBONATE LENS

FEATURES

- Lightweight wrap round spectacle
- One piece wrap round polycarbonate lens
- TPE coated nose support and side legs
- Weight 31.5G
- Adjustable arms
- Non-slip nose piece

STANDARDS

- BS EN 166:2002 1FT

BLACK NYLON FRAME CLEAR POLYCARBONATE LENS



STOCK CODE	STYLE
P3400	Clear
P3400A	Amber
P3400S	Smoked
P3400-5	Welding Shade 5





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

SAFETY SPECTACLES

GOGGLES

NYLON BLACK FRAME SPECTACLE



NYLON FRAME POLYCARBONATE LENS

STOCK CODE	STYLE
P3410	Clear
P3410A	Amber
P3410S	Glare Protection

FEATURES

- Optical Class 1
- Low profile, panoramic vision
- Wrap around sports and anti-scratch design
- Cushioned and adjustable side arms
- C/w Neck cord

STANDARDS

- BS EN 166:2002 1FT

CLEAR SKI GOGGLE



POLYCARBONATE LENS PVC SEAL

STOCK CODE	STYLE
P3305	Clear

FEATURES

- Optical Class 1
- Soft PVC seal for comfort
- Impact rating B
- Indirect ventilation
- Lightweight
- Can be worn over prescription spectacles
- Adjustable strap

STANDARDS

- BS EN 166:2002 1B

CLEAR SAFETY SPECTACLES

STOCK CODE	STYLE
P3420	Clear



BLACK NYLON FRAME CLEAR POLYCARBONATE LENS

FEATURES

- Optical Class 1
- Black nylon frame with internal brow guard
- Panoramic vision
- Adjustable arms
- Non-slip nose piece

STANDARDS

- BS EN 166:2002 1FT

CLEAR VISITOR SPECTACLES

STOCK CODE	STYLE
P3430	Clear



POLYCARBONATE FRAME & LENS

FEATURES

- Optical class 1
- Vented side shields
- Lightweight Polycarbonate lens
- Can be worn over prescription spectacles

STANDARDS

- BS EN 166:2002 1FT

GOGGLES

PANORAMIC SAFETY GOGGLE DIRECT



PVC

FEATURES

- Designed for impact protection
- Clear PVC frame With direct ventilation
- Can be worn over prescription spectacles

STOCK CODE	STYLE
P3300D	Clear

- Adjustable strap

STANDARDS

- BS EN 166:2002 1-49BT

PANORAMIC SAFETY GOGGLE INDIRECT



PVC

FEATURES

- Designed for impact protection
- Clear PVC frame with indirect ventilation
- Can be worn over prescription spectacles

STOCK CODE	STYLE
P3300	Clear

- Adjustable strap

STANDARDS

- BS EN 166:2002 1-49BT

EYE PROTECTION WELDING SPECTACLES



FEATURES

- One piece polycarbonate lens for improved protection
- Nylon frame with polycarbonate side screens
- Adjustable side legs (10mm)

STOCK CODE	STYLE
P3444	Welding

- Weight 31.9g
- 99.9% UV protection
- Shade 5

STANDARDS

- BS EN166:2002 1F

SKI TYPE WELDING GOGGLE



PVC

FEATURES

- One piece goggle with soft moulded body
- Spatter resistant acetate lens
- Wide vision
- Shade 5 lens

STOCK CODE	STYLE
P3310	Welding

STANDARDS

- BS EN 166:2002
- BS EN 169:2002

FLIP UP WELDING GOGGLE



FEATURES

- One piece goggle with soft moulded body
- Flip front design
- Indirect vent PVC housing
- Clear and shade 5 lens

STOCK CODE	STYLE
P3390	Welding

- 108mm x 50mm (4¼" x 2")

STANDARDS

- BS EN 166:2002
- BS EN 175:1997
- BS EN 169:2002

ROUND LENS FLIP UP WELDING GOGGLE



FEATURES

- One piece goggle with soft moulded body
- Flip front design
- Indirect vent PVC housing
- 50mm Polycarbonate lens

STOCK CODE	STYLE
P3330	Welding

- Clear and shade 5 lens

STANDARDS

- BS EN 166:2002
- BS EN 175:1997
- BS EN 169:2002

VISORS

SHADE 3 VISOR - P3260-3



STANDARDS

- BS EN 166:2002 IB
- BS EN 169:2002
- Size 8" x 12"

SHADE 5 VISOR - P3260-5



STANDARDS

- BS EN 166:2002 IB
- BS EN 169:2002
- Size 8" x 12"

SHADE 5 VISOR - P3261-5



STANDARDS

- BS EN 166:2002 IB
- BS EN 169:2002
- Size 8" x 15½"

CLEAR VISOR - P3261



STANDARDS

- BS EN 166:2002 IB
- Size 8" x 15½"

BROW GUARD - P3266



STANDARDS

- BS EN1736:2007

WELDING TENT KIT



STOCK CODE	DESCRIPTION
WT1222	Welding Tent Full Kit – Includes Cover & Frame



STOCK CODE	DESCRIPTION
WT1222/FR	Welding Tent Frame only
WT1222/C	Welding Tent Cover only

EAR PROTECTION

EAR DEFENDER - P3590



FEATURES:

- Comfortable noise reducing ear defender
- General purpose adjustable headband
- SNR = 24db

STANDARDS

- BS EN 352-1:2020

FOAM EAR PLUG - P3530



FEATURES:

- Cylindrical soft foam, compress to fit, disposable ear plug
- Designed to provide the ultimate in comfort, SNR = 37db

STANDARDS

- BS EN 352-2:2020

HAZARD PROTECTION

ORANGE PVC WELDING CURTAIN



STOCK CODE

P3646O - Size 1.2m x 1.8m (4ft x 6ft)
P3666O - Size 1.8m x 1.8m (6ft x 6ft)
P3886O - Size 2.4m x 1.8m (8ft x 6ft)
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

UV STABILISED / PVC

GREEN PVC WELDING CURTAIN



STOCK CODE

P3646G - Size 1.2m x 1.8m (4ft x 6ft)
P3666G - Size 1.8m x 1.8m (6ft x 6ft)
P3886G - Size 2.4m x 1.8m (8ft x 6ft)
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

UV STABILISED / PVC / DARK GREEN

STEEL FRAME



STOCK CODE

P3666FR - Size 1.8m x 1.8m (6ft x 6ft)
P3886FR - Size 2.4m x 1.8m (8ft x 6ft)
FR-EXT - Steel Frame Extension 0.6m (2ft)

FEATURES

- Steel Frame.

CANVAS WELDING CURTAIN



STOCK CODE

P3646CG - Size 1.2m x 1.8m (4ft x 6ft)
P3666CG - Size 1.8m x 1.8m (6ft x 6ft)
P3886CG - Size 2.4m x 1.8m (8ft x 6ft)
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

GREEN CANVAS

Parweld's range of welding blankets & curtains protect the user from accidents caused by welding sparks. All Parweld welding blankets conform to BS EN 1869:2019

DEFINITIONS BS EN ISO 1869:2019

THE PRODUCT MUST:

- Protect workers whilst having the added benefit of shielding flammable materials, machinery, vehicles & plant & equipment from molten metal globules, spatter, etc. 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.

WELDING BLANKET/ROLL

WOVEN GLASS FIBRE WITH THERMAL TREATMENT

600°C

STOCK CODE

P3630 50m x 1m
P3621 2m x 1m
P3622 2m x 2m
P3623 3m x 2m

FEATURES

- Provides protection from sparks and weld spatter
- 430G/Sq m

1000°C

STOCK CODE

P3631 50m x 1m
P3624 2m x 1m
P3625 2m x 2m

FEATURES

- Provides protection from sparks and weld spatter
- 880G/Sq m

STANDARDS

- BS EN 1869:2019

XR935H

EVERYDAY LIGHT REACTIVE WELDING AND GRINDING HELMET



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
- Suitable for TIG welding
- Automatic power on/off
- Built in battery
- UV/IR protection up to shade DIN 16
- 12 months warranty

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	-10C to +60ºC (14ºF to 140ºF)
Storage Temp	-20ºC to +70ºC (-4ºF to -158ºF)
Helmet Material	High Impact Polyamide Nylon
Total Weight	466g
Min Amp Req	10A

DIOPTER LENS

STOCK CODE	MAGNIFICATION
LD1050	1.0
LD1550	1.5
LD2050	2.0
LD2550	2.5
LD3050	3.0

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR935H	Everyday Light Reactive Welding and Grinding Helmet
XR420	Front Cover Lens
XR350	Auto Darkening Filter Cartridge
XR430	Inside Cover Lens
XR370	Sweat Band
XR340	Adjustable Headband

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.

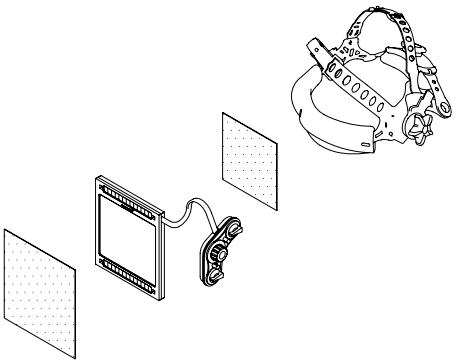
STANDARDS

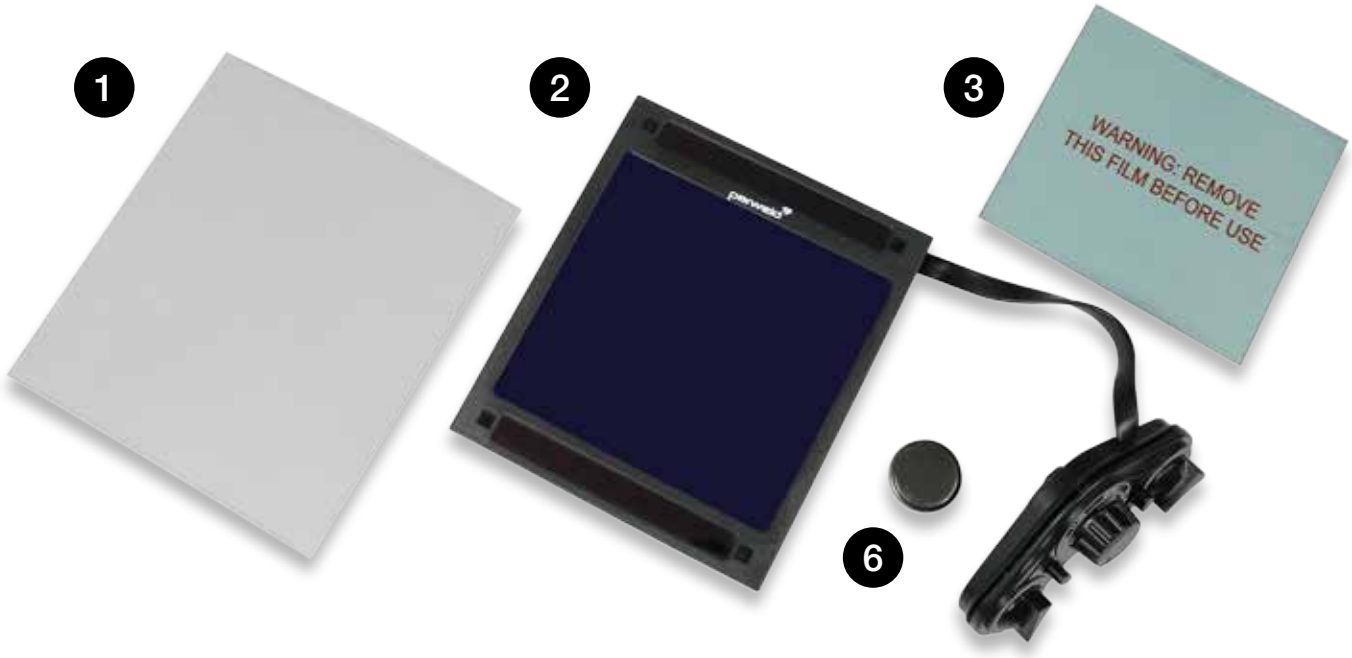
- BS EN 166:2002 1F • BS EN 379:2003+AI:2009 • BS EN 175:1997 • EN 166:2002

XR937H PARTS LIST



SPARES INFORMATION		
	STOCK CODE	DESCRIPTION
1	XR9720	Front Cover Lens
2	XR9700	Auto Darkening Filter (ADF)
3	XR9730	Inside Cover Lens
4	XR9740	Head Band Assembly
5	XR1012	Sweat Band
6	XR363	Twin Battery
	CR2450	Single Battery





XR938H

TRUE COLOUR LIGHT REACTIVE WELDING AND GRINDING HELMET



CR2450 (3V BATTERY)

FEATURES

- True colour lens
- Slim and lightweight
- Automatic light adjustment from light to dark in 1/30,000th of a second
- Shade control from DIN 5-13
- Variable sensitivity
- Grinding mode
- Variable delay
- Viewing area 100 x 53mm (3.94" x 2.08")
- Full face coverage
- Suitable for TIG welding
- Automatic power on/off
- Battery life expectancy 2 years
- UV/IR protection up to shade DIN 16
- 24 months warranty

TECHNICAL DATA

Viewing Area	100 x 53mm (3.94" x 2.08")
Cartridge Size	110mm x 90mm (4.33" x 3.54")
UV/IR Protection	Permanent Shade DIN 16
Light State	DIN Shade 4
Dark State	DIN Shade 5 to 13 Variable
Power Supply	Built in solar cells and replaceable battery
Power On/Off	Fully Automatic
Switching Time Light to Dark	1/30,000 seconds
Dark to Light	0.1-1.0 seconds (External variable)
Operating Temp	-10°C to +60°C (14°F to 140°F)
Storage Temp	-20ºC to +70ºC (-4ºF to -158ºF)
Helmet Material	High Impact Polyamide Nylon
Total Weight	470g
Min Amperage Req	5A

DIOPTER LENS

STOCK CODE	MAGNIFICATION
LD1050	1.0
LD1550	1.5
LD2050	2.0
LD2550	2.5
LD3050	3.0

SPARES INFORMATION

STOCK CODE	DESCRIPTION
XR938H/P	True Colour Light Reactive Helmet - Graphite
XR938H	True Colour Light Reactive Helmet - Silver
XR938H/BL	True Colour Light Reactive Helmet - Blue
XR938H/E	True Colour Light Reactive Helmet - Eagle
XR938H/F	True Colour Light Reactive Helmet - Flame
XR938H/R	True Colour Light Reactive Helmet - Red
XR720	Front Cover Lens
XR380	True Colour ADF 110mm x 90mm
XR730	Inside Cover Lens
XR770	Sweat Band
XR740	Adjustable Headband
CR2450	3V Battery

STANDARD

- BS EN 166:2002 1F

XR938H

TRUE COLOUR LIGHT REACTIVE WELDING AND GRINDING HELMET



XR938H



XR938H/BL



XR938H/R



XR938H/P



XR938H/E



XR938H/F

MOULDED CONSTRUCTION

The XR938H 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 DIN 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 battery CR2450 (3V BATTERY).

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 XR938H True Colour Light Reactive Welding and Grinding 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 LENS:



TRUE COLOUR LENS:



XR940A POWERED AIR PURIFYING RESPIRATOR FOR PARTICULATE ENVIRONMENTS



PAPR HELMET
Supplied with XR940A (XR1002)
Large View Welding Helmet.

XR1002
LARGE VIEW

TECHNICAL DATA

Air flow rate	170 or 220nl/min
Material	PC + ABS
Motor	Brushless
Fuse	Electronic
Battery	Li-ion 14.8V rechargeable
Battery Charging time	Approx 2.5h
Charging Cycles	>350
Run time	11 hour @ 170nl/min 9 hour @ 220nl/min (min fully charged new battery & filter room temp.)
Noise	Max. 60dB(A)
Voltage/Capacity	14.8V/2.2Ah
Pre filter	Carbon (odour)
Weight	288g (1097g incl. Filter and Battery)
Dimensions	224 x 190 x 70 mm (MAX)
Air hose length	850mm
Master Filter Type	P3 TH3P R SL for TH3P system (Europe)
Standards	EN12941:1998/A1:2003/ A2:2008 TH3 P R SL

XR940 HELMET

PART NO.	DESCRIPTION	QTY
XR1002	Large View Helmet with face seal and head gear	1
XR1011	Head gear inc air duct	1
XR1012	Sweat band for head gear	1
XR1013	Head gear fittings kit, one set left and right and hook screws for the front of the air duct	1
XR1014	Face seal and fixings	1
XR9720	Front Cover Lens	1
XR9700	Auto-Darkening Filter (ADF) c/w Control	1
XR9730	Inside Cover Lens	1
XR9740	Headband assembly	1

WARRANTY

2 YEARS FOR HELMET
1 YEAR FOR PAPR BLOWER AND BATTERY

PAPR SPARE PARTS LIST

PART NO.	DESCRIPTION	QTY
XR1003	Blower unit without belt (no filters but with cover)	1
XR1004	Filter cover with purple catch	1
XR1005	Spark Arrestor	1
XR1006	Carbon Pre-filter	10
XR1007	P3 HEPA filter	1
XR1008	Comfort belt with shoulder straps	1
XR1009	Flex air hose (inc Flame Retardant cover) 0.9m	1
XR1119	Flex air hose (inc Flame Retardant cover) 1.2m	1
XR1010	Flame Retardant hose cover 0.9m	1
XR1110	Flame Retardant hose cover 1.2m	1
XR1016	BATTERY Li/ion	1
XR1017	Universal charger	1
XR1018	PAPR unit excluding helmet	1
XR1001	Nylon carry bag	1

PAPR FEATURES



Simple and clear status display

Smooth and ultra-quiet brushless motor

Variable airflow speed control

Removable Li/ion battery
Run time 10hrs+

Easy to operate controls

Supplied with a P3 main filter, activated carbon pre filter and metal spark arrester

Lightweight
Less than 1.1kg

FILTRATION

The unit uses a P3 Particulate main filter combined with a carbon odour filter and a mesh spark trap, all of which are user replaceable. The unit is suitable for use in areas without a restricted oxygen supply.

The TH3P filter has a protection factor of 50 and the lifetime of the filter is dependent upon local fume levels.

XR940A is a battery powered air purifying respirator for protection against dust and particles.

This system is TH3P certified in accordance with European standard EN12941: 1998/A 1:2004/A2:2008 TH3P

TH3P FILTER APPLICATIONS

- Metal Grinding and Cutting Applications
- Welding of Aluminium by MIG or TIG Processes
- Welding of Stainless Steel by MIG & TIG Processes
- Welding of Steel by MMA, MIG or TIG
- Welding of Zinc Coated Steel by MIG or TIG

FEATURES:

XR940A supplies clean, filtered air to the welder. The blower unit has an electronic control unit that constantly monitors and adjusts the fan to ensure a minimum of 170nl/min air flow.

The same system provides alarms which are visual, audible and vibrate for blocked filters and low battery condition. The battery life is normally more than 11 hours on low setting and 9 hours on high setting, but the condition of the filter can affect this.

The welding helmet has a multi adjustable head band with enhanced support to spread the load evenly on the welder's head.

The unit sits comfortably at the base of the back supported by a belt and shoulder straps.

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.



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 108mm x 50mm
(4¼" x 2")

STOCK CODE	SHADE
LS0850	8
LS0950	9
LS1050	10
LS1150	11
LS1250	12
LS1350	13



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 108mm x 82mm
(4¼" x 3¼")

STOCK CODE	SHADE
LS0882	8
LS0982	9
LS1082	10
LS1182	11
LS1282	12
LS1382	13



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 133mm x 114mm
(5¼" x 4½")

STOCK CODE	SHADE
LS0813	8
LS0913	9
LS1013	10
LS1113	11
LS1213	12
LS1313	13



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 108mm x 55mm
(4¼" x 2 1/16")

STOCK CODE	SHADE
LS0855	8
LS0955	9
LS1055	10
LS1155	11
LS1255	12
LS1355	13



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 110mm x 60mm
(4⅓" x 2⅓")

STOCK CODE	SHADE
LS0860	8
LS0960	9
LS1060	10
LS1160	11
LS1260	12
LS1360	13



STANDARD

- BS EN 169:2002
- BS EN 166:2002

Size 110mm x 90mm
(4⅓" x 3½")

STOCK CODE	SHADE
LS0890	8
LS0990	9
LS1090	10
LS1190	11
LS1290	12
LS1390	13

CLEAR COVER LENSES

DESIGNED FOR USE WITH WELDING HELMETS TO PROTECT THE FILTER LENS FROM SPATTER.



CLEAR CR39 COVER LENS

STOCK CODE	SIZE
LCR3950	108 x 50mm (4¼ x 2")
LCR3982	108 x 82mm (4¼ x 3¼")
LCR3933	133 x 114mm (5¼ x 4½")

STANDARD

- BS EN 166:2002 1S

CLEAR GLASS COVER LENS

STOCK CODE	SIZE
LC0050	108 x 50mm (4¼ x 2")
LC0082	108 x 82mm (4¼ x 3¼")
LC1055	110 x 55mm
LC0133	133 x 114mm (5½ x 4¼")
LC1060	110 x 60mm
LC1090	110 x 90mm

STANDARD

- BS EN 166:2002 1

DIOPTER LENS

STOCK CODE	MAGNIFICATION
LD1050	1.0
LD1550	1.5
LD2050	2.0
LD2550	2.5
LD3050	3.0

STANDARD

- BS EN 166:2002 1F

CLEAR POLYCARBONATE COVER LENS

STOCK CODE	SIZE
LP0047	103mm x 47mm
LP0050	108 x 50mm (4¼ x 2")
LP0060	110 x 60mm
LP0082	108 x 82mm (4¼ x 3¼")
LP0133	114 x 133mm (4¼ x 5¼")

STANDARD

- BS EN 166:2002

RESPIRATORY PROTECTION

FFP3 FACE MASK WITH VALVE, FOR SINGLE USE



STANDARD ODOUR FILTER
P3130V – WHITE MASK



ACTIVATED CARBON ODOUR FILTER
P3132V – GREY MASK

FEATURES

30 Times Protection Factor, FFP3 Face Mask Respiratory Protection from Parweld. Face Mask comes with easy flow exhalation valve, integrated face seal, formable nose bridge and twin adjustable head straps.

Protects against hazardous/poisonous particles, dust, solid and liquid aerosols, mist and smoke, as well as carcinogenic and radioactive substances, enzymes and microorganisms (viruses, bacteria, fungi) up to 20 times the limit value, e.g. when grinding and processing wood, when working on a small scale with asbestos, when welding, when handling bacteria, viruses, mould, spores and radioactive particles. Dolomite tested to give minimal beathing resistance in the dustiest of environments.

Available with a Standard Odour Filter (P3130V – White Mask) or an Activated Carbon Odour Filter (P3132V – Grey Mask).

TECHNICAL DATA	
Mask Protection	FFP3
Protection Factor	30
Protection Area	Face, Mouth, Nose
Protection Type	Respiratory Protection
Particle Protection	Carcinogenic Substances, Dust, Enzymes and Microorganisms (Viruses, Bacteria, Fungi) up to 20 times the limit value, Hazardous/Poisonous Particles, Liquid Aerosols, Mist, Radioactive Substances, Smoke, Solid Aerosols
Protection Efficiency	High
Mask Structure	Moulded, Preformed Nose Bridge
Mask Features	Integrated Face Seal, Formable Nose Bridge, Twin Adjustable Head Straps, Easy Flow Exhalation Valve, Active Carbon Odour Filter (P3132V Only)
Respirator Type	Face Mask
Respiratory Testing	Dolomite Tested
Set Size	Single Piece
Standards	Conforms to BS EN 149:2001

MMA

Parweld offers an extensive MMA range, exceeding industry standard expectations at a competitive price.

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CABLE PLUGS AND SOCKETS

- Designed to Connect Cables to the Power Source.
- Push and Twist Design.
- Foolproof Locking System.
- EN60974-12.

TWIST LOCK 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

TWIST LOCK 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

TWIST LOCK 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

TWIST LOCK 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

EARTH CLAMPS

• CE BS 638-5, • EN60974-12

200A CROCODILE EARTH CLAMP



STOCK CODE	CABLE SIZE	MAX AMPS	DUTY CYCLE
661200	25mm²	200A	35%

400A CROCODILE EARTH CLAMP



STOCK CODE	CABLE SIZE	MAX AMPS	DUTY CYCLE
661400	70mm²	400A	35%

400A CAST STEEL SCREW TYPE EARTH CLAMP



STOCK CODE	CABLE SIZE	MAX AMPS	DUTY CYCLE
662400	95mm²	400A	35%

600A CAST BRASS SCREW TYPE EARTH CLAMP



STOCK CODE	CABLE SIZE	MAX AMPS	DUTY CYCLE
662600	95mm²	600A	35%

700A ALL BRASS SCREW TYPE EARTH CLAMP



STOCK CODE	CABLE SIZE	MAX AMPS	DUTY CYCLE
662700	95mm²	700A	35%

MAGNETIC EARTH CLAMPS

400A MAGNETIC EARTH CLAMP



STOCK CODE	MAX AMPS
665500	400A

600A MAGNETIC EARTH CLAMP

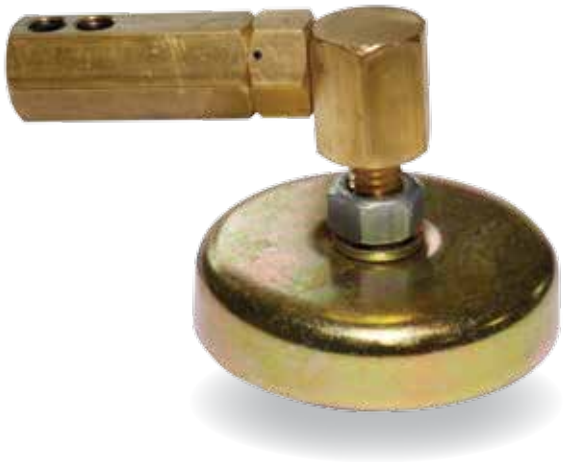


STOCK CODE	MAX AMPS
666500	600A

600A MAGNETIC ROTATING EARTH CLAMP



STOCK CODE	MAX AMPS
664500	600A



ELECTRODE HOLDERS

• CE EN 60974-11

400A ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
655400-2	50mm²	400A	5mm²	35%

600A ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
655600-2	70mm²	600A	6.3mm²	35%

OPTIMUM ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
653300-1	35mm²	300A	4mm	35%
653400-1	50mm²	400A	5mm	35%

400A MUREX® ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
656400	50mm²	400A	5mm²	35%

200A CROCODILE ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
653200	25mm²	200A	3.2mm²	35%

400A CROCODILE ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
653400	50mm²	400A	8mm	35%

600A CROCODILE ELECTRODE HOLDER



STOCK CODE	CABLE SIZE	MAX AMPS	MAX ELECTRODE	DUTY CYCLE
653600	75mm²	600A	10mm	35%



Murex® trademark is the property of its respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.

CABLE KITS

• CE EN 60974-12

EARTH CABLE CLAMP KIT



STOCK CODE	SIZE	AMPS	TWIST LOCK (mm^2)
CKC203	3m	200A	10-25
CKC203I	3m	200A	35-50
CKC204	4m	200A	10-25
CKC205	5m	200A	10-25
CKC403	3m	400A	35-50
CKC404	4m	400A	35-50
CKC405	5m	400A	35-50

FEATURES

- Single Insulated PVC Welding Cable
- Twist lock Plug
- Crocodile Clamp

ELECTRODE HOLDER CABLE KIT



STOCK CODE	SIZE	AMPS	TWIST LOCK (mm^2)
CKE203	3m	200A	10-25
CKE203I	3m	200A	35-50
CKE204	4m	200A	10-25
CKE205	5m	200A	10-25
CKE403	3m	400A	35-50
CKE404	4m	400A	35-50
CKE405	5m	400A	35-50

FEATURES

- Single Insulated PVC Welding Cable
- Twist lock Plug
- Crocodile Electrode Holder

Twist lock trademark is the property of its respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.

CHIPPING HAMMERS

SPRING HANDLE CHIPPING



STOCK CODE	LENGTH	WEIGHT
671001	265mm	290gms

STEEL HANDLE CHIPPING



STOCK CODE	LENGTH	WEIGHT
672001	295mm	380gms

LARGE WOODEN HANDLE



STOCK CODE	LENGTH	WEIGHT
673001	285mm	550gms



WIRE BRUSHES

STAINLESS STEEL WIRE BRUSH

16 deep stainless steel, wooden handle,
used to clean stainless steel.



STOCK CODE	DESCRIPTION
SS4W	4 Rows Wide

MILD STEEL WIRE BRUSH

16 deep steel, wooden handle, used to clean mild steel,
carbon steel bristles.



STOCK CODE	DESCRIPTION
MS3W	3 Rows Wide
MS4W	4 Rows Wide

MIG PLIERS

EVERYDAY MULTI-PURPOSE MIG PLIERS





STOCK CODE	NOZZLE DIAMETER
E808000	12-15mm

AIR ARC GOUGING

1000A AIR ARC GOUGING TORCH

STOCK CODE	MAX AMPS
GTK4000	1000A

- 1000A 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



AIR ARC GOUGING CARBONS



STOCK CODE	SIZE
AGC 5/32 x 12"	4mm (5/32")
AGC 3/16 x 12"	5mm (3/16")
AGC 1/4 x 12"	6mm (1/4")
AGC 5/16 x 12"	8mm (5/16")
AGC 3/8 x 12"	10mm (3/8")
AGC 1/2 x 12"	13mm (1/2")

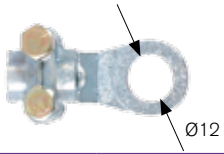
AIR ARC JOINTED CARBONS



STOCK CODE	SIZE
AGCJ 5/16 x 17"	8mm (5/16")
AGCJ 1/2 x 17"	13mm (1/2")
AGCJ 5/8 x 17"	16mm (5/8")

CABLE CONNECTORS & FITTINGS

CABLE LUGS



REUSABLE

STOCK CODE	DESCRIPTION
691025	25mm² 200A
691035	35mm² 300A
691050	50mm² 400A
691070	70mm² 600A

HAMMER TYPE

STOCK CODE	DESCRIPTION
692050	50/70mm² 400A
692070	75/95mm² 600A

COPPER CRIMP LUGS



STOCK CODE	SIZE	BOLT
CT25-10	16-25mm	10mm
CT50-12	35-50mm	12mm
CT50-16	35-50mm	16mm
CT70-12	50-70mm	12mm
CT70-16	50-70mm	16mm



ANTI-SPATTER

WATER BASED ANTI-SPATTER



STOCK CODE	SIZE
WR1030	300ml

GALVANISING SPRAY



STOCK CODE	SIZE
WR5040	400ml

NDT DEVELOPER SPRAY



STOCK CODE	SIZE
WR7020	400ml

NDT DYE PENETRANT SPRAY



STOCK CODE	SIZE
WR7030	400ml

NDT CLEANER SPRAY



STOCK CODE	SIZE
WR7010	400ml

NDT KIT SYSTEM



STOCK CODE	SIZE
WR7040	400ml

INCLUDES:
Cleaner, Developer and Dye Penetrant Spray.

PROTECT PRE-WELD ANTI-SPATTER

FEATURES

- HIGH HEAT RESISTANCE
- SILICON FREE
- HIGHLY CONCENTRATED FORMULA



STOCK CODE	SIZE
WR4075	750ml
WR4005	5kg
WR4025	25kg

ANTI-SPATTER

BULK WATER BASED ANTI-SPATTER FLUID



STOCK CODE	SIZE
WR3025	25kg/25l
WR3005	5kg/5l

FEATURES

Silicone-free Water-soluble anti-spatter.

Prevents sticking of spatter to workpieces, jigs, fixtures, MIG nozzles, etc.

Health and Non-toxic, Environment-friendly.

Effective on difficult applications such as stainless steel, galvanised steel and aluminium.

Compatible with painting and galvanising.

TIP DIP



STOCK CODE	SIZE
WR6050	500ml

FEATURES

Parweld Tip Dip provides effective protection from spatter to welding torch nozzles and tips.

Can be applied to fixtures to provide long term protection from spatter.

ABRASIVES

FLAT SUPER THIN CUTTING DISCS



STOCK CODE	SIZE
CSS1010	Stainless 100x1.0x16mm (4”)
CSS1110	Stainless 115x1.0x22mm (4 ½”)
CSS1210	Stainless 125x1.0x22mm (5”)
CSS1216	Stainless 125x1.6x22mm (5”)
CSS1816	Stainless 180x1.6x22mm (7”)
CSS2319	Stainless 230x1.9x22mm (9”)

CUTTING DISCS (DPC)



STOCK CODE	SIZE
CS1025	Steel 100x2.5x16mm (4”)
CS1125	Steel 115x2.5x22mm (4 ½”)
CS1225	Steel 125x2.5x22mm (5”)
CS1820	Steel 180x2.0x22mm (7”)
CS2330	Steel 230x3.0x22mm (9”)
CS3035	Steel 305x3.5x20mm (12”) - Flat

GRINDING DISCS (DPC)



STOCK CODE	SIZE
GS1060	Steel 100x6.0x16mm (4”)
GS1160	Steel 115x6.0x22mm (4 ½”)
GS1260	Steel 125x6.0x22mm (5”)
GS2360	Steel 230x6.0x22mm (9”)

FLAP DISCS (ZIRCONIUM)



STOCK CODE	SIZE
FZ1140	Stainless Steel 115mm (4½”) P40
FZ1160	Stainless Steel 115mm (4½”) P60
FZ1180	Stainless Steel 115mm (4½”) P80
FZ11120	Stainless Steel 115mm (4½”) P120
FZ1240	Stainless Steel 125mm (5”) P40
FZ1260	Stainless Steel 125mm (5”) P60
FZ1280	Stainless Steel 125mm (5”) P80
FZ1840	Stainless Steel 180mm (7”) P40
FZ1860	Stainless Steel 180mm (7”) P60
FZ1880	Stainless Steel 180mm (7”) P80

FLAP DISCS (ALUMINIUM OXIDE)



STOCK CODE	SIZE
FA1140	Steel 115mm (4½”) P40
FA1160	Steel 115mm (4½”) P60
FA1240	Steel 125mm (5”) P40
FA1260	Steel 125mm (5”) P60
FA1280	Steel 125mm (5”) P80



WELDING TORCH HOLDERS

MTH MIG TORCH HOLDER



STOCK CODE	DESCRIPTION
MTH	MIG torch holder with magnetic base. Handy holder to store your MIG torch and have it within reach whilst welding. Sturdy magnetic base. Prevents damage to the MIG torch.

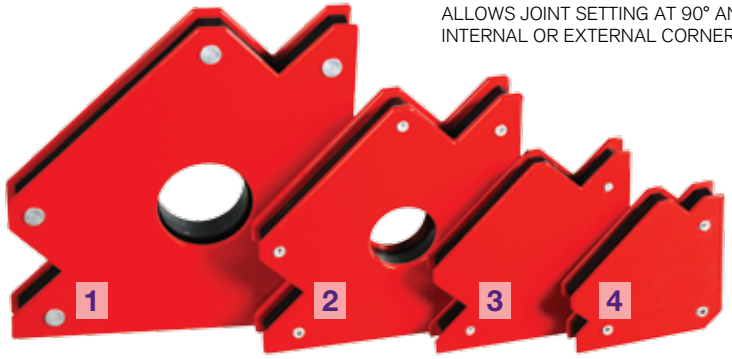
TTH TIG TORCH HOLDER

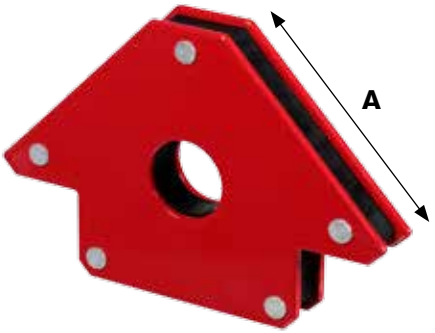


STOCK CODE	DESCRIPTION
TTH	TIG torch holder with magnetic base. Handy holder to store your TIG torch and have it within reach whilst welding. Sturdy magnetic base. Prevents damage to the TIG torch.

WORK HOLDING MAGNETS

ALLOWS JOINT SETTING AT 90° AND 45°
INTERNAL OR EXTERNAL CORNERS





ITEM 1 - 808913	ITEM 2 - 808912	ITEM 3 - 808911	ITEM 4 - 808910
A = 140mm, MAX 43KG	A = 110mm, MAX 36KG	A = 85mm, MAX 20KG	A = 64mm, MAX 12KG

FILLER METALS

Parweld offers a large variety of welding filler metals, wires and tungsten's that will fit your needs.

MMA ELECTRODES 379
- E6010 Mild Steel Cellulosic Pipe Electrodes (esc 60). 379
- E6012 General Purpose Mild Steel Electrodes (ESR 12) 379
- E6013 General Purpose Mild Steel Electrodes (ESR 11) 380
- E6013 Mild Steel MMA Electrodes 380
- E7016 H8 Low Hydrogen Electrodes (ESB 44) Vac Pac. 381
- E7018-1H4R Low Hydrogen Electrodes (ESB 52) Vac Pac . . 381
- E7024 Mild Steel High Recovery Iron Powder Electrode (esh 180r) 382
- E307-26 High Efficiency for Dissimilar Steels (EIS 307) Vac Pac 382
- E308L-16 Rutile Electrode for Austenitic Stainless Steel (EI 308L) Vac Pac 383
- E309L Rutile Electrode for Dissimilar Steels (EI 309L) Vac Pac 383
- E312-16 Rutile Electrodes for Dissimilar and Cladding Applications (EI 312) Vac Pac. 384
- E316L-16 Rutile Electrode for Austenitic Stainless Steel (EI 316L) Vac Pac. 384
- ENiFe-CI Nickel Iron Core electrode for Cast Iron (ENI 416) Vac Pac 385
- ENi-CI Nickel Core Electrode for Grey Cast Iron (ENI 412) Vac Pac. 385
- E Fe8 Hardfacing Electrode (EH 360B) 386

ALUMINIUM TIG WIRE. 386
- 4043 Aluminium TIG Wire 5% Silicon. 386
- 5356 Aluminium TIG Wire 5% Magnesium. 387
- 5556 Aluminium TIG Wire 5.3% Magnesium 387

STAINLESS STEEL TIG WIRE 388
- 308L TIG Wire. 388
- 309L TIG Wire. 388
- 312 TIG Wire. 389
- 316L TIG Wire. 389
- 347 TIG Wire. 390

FILLER METALS

MILD STEEL TIG WIRE 390
ER70S-2 - A15 390
ER70S-6 - A18 391

LOW ALLOY TIG WIRE 391
ER70S-A1 - A30 391
ER80S-B2 - A32 392
ER80S-D2 - A31 392
ER80S-Ni1 393
ER80S-Ni2 393
ER90S-B3 - A33 394
ER110S-G - FK1 394
ER100S-G - FK2 395

WEATHERING STEEL TIG WIRE 395
ER80S-G - CORTEN 395

HARDFACING TIG WIRE 396
HF6-G 396

ALUMINIUM WIRE 396
4043 Aluminium Wire 396
5356 Aluminium Wire 397
5556 Aluminium Wire 397

STAINLESS STEEL WIRE 398
307Si Wire 398
308LSi Wire 398
309LSi Wire 399
310 Wire 399
312 Wire 400
316LSi Wire 400
347 Wire 401

MILD STEEL WIRE 401
SG2 (ER70S-6) 401

LOW ALLOY MIG WIRE 402
ER110S-G - FK1 402
ER120S-G - FK1000 402

WEATHERING STEEL WIRE 403
ER80S-G - CORTEN 403

HARD FACING MIG WIRE 403
ERFe3 - HF600 Solid 403

CORED WIRE 404
Flux Cored Gasless Wire 404
E71T-1M Rutile Flux Cored Wire (FCW 12) 404

METAL CORED WIRE 405
E70C-6M H4 Metal Cored Wire (FCW 21) 405

GAS WELDING WIRE 405
CCMS 405

TUNGSTEN ELECTRODES 406
2% Thoriated Tungsten Electrodes 406
Pure Tungsten Electrodes 406
1% Lanthanated Tungsten Electrodes 406
2% Lanthanated Tungsten Electrodes 406
Gold Tungsten Electrodes (Lanthanum 1.5%) 407
Zirconiated Tungsten Electrodes 407
2% Ceriated Tungsten Electrodes 407
3 Element Tungsten Electrodes 407

MMA ELECTRODES

E6010 Mild Steel Cellulosic Pipe Electrodes (ESC 60)

STOCK CODE	SIZE
11400HZTM2	2.50 x 350 mm - 8.0 kg
11400NZTM2	3.25 x 350 mm - 8.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si
Min			
Max	0.12	0.6	0.2

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	470 N/mm²
Tensile Strength (N/mm²)	530 N/mm²
Elongation A5 (%)	25%
Charpy V-Notch Properties (J)	-30°C → 40J / -20°C → 60J

WELDING POSITIONS



CURRENT TYPE

- DC+ / DC- Root Passs

KEY FEATURES

- Medium coated, cellulosic electrode, especially designed for welding of pipes and plates in all positions at low welding currents. Due to its high penetration, particularly suitable for root pass and fill passes in vertical down direction. Used in pipe-line construction, shipbuilding, storage vessels and assembly works. DCEN (-) is ideal in root passes and DCEP (+) is recommended for fill and cap passes in vertical down position.

STANDARDS

- AWS/ASME SFA 5.1 E6010
- EN ISO 2560 A E 42 2 C 21

E6012 General Purpose Mild Steel Electrodes (ESR 12)

STOCK CODE	SIZE
11107HREM2	2.50 x 350 mm - 5.0 kg
11107NREM2	3.25 x 350 mm - 5.0 kg
11107QREM2	4.00 x 350 mm - 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si
Min			
Max	0.10	0.75	0.35

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	470 N/mm²
Tensile Strength (N/mm²)	540 N/mm²
Elongation A5 (%)	26%
Charpy V-Notch Properties (J)	0°C → >=47J

WELDING POSITIONS



CURRENT TYPE

- AC/DC-

KEY FEATURES

- Especially suitable for welding in sheets thinner than 5 mm, galvanized sheets and tubes, primer painted, painted and slightly rusty steels and in production of tanks and boilers, tube installations. Very easily operated in positional welding, including vertically-down. Good gap-bridging even at wide root openings. Smooth arc, well suited for tack-welding due to its easy arc striking and re-striking properties. Possible to use equally well both with AC and DC. Welds are smooth and blending into base metal without undercutting.

STANDARDS

- AWS/ASME SFA 5.1 E6012
- EN ISO 2560 A E38 0 RC 11

MMA ELECTRODES

E6013 General Purpose Mild Steel Electrodes (ESR 11)

STOCK CODE	SIZE
11100EPEM2	2.00 x 350mm 1.0 kg
11100HPEM2	2.50 x 350mm 1.0 kg
11100HREM2	2.50 x 350mm 5.0 kg
11100NPEM2	3.25 x 350mm 1.0 kg
11100NREM2	3.25 x 350mm 5.0 kg
11100QREM2	4.00 x 350mm 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si
Min			
Max	0.10	0.45	0.70

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	480 N/mm²
Tensile Strength (N/mm²)	550 N/mm²
Elongation A5 (%)	25%
Charpy V-Notch Properties (J)	0°C → 55J

WELDING POSITIONS



CURRENT TYPE

- AC/DC-

KEY FEATURES

- Especially suitable for welding in sheets thinner than 5 mm, galvanized sheets and tubes, primer painted, painted and slightly rusty steels and in production of tanks and boilers, tube installations. Very easily operated in positional welding, including vertically-down. Good gap-bridging. Smooth arc, well suited for tack-welding due to its easy arc striking and re-striking properties. Possible to use equally well both with AC and DC. Welds are smooth, slightly concave and blending into base metal without undercutting. Slag is self-releasing.

STANDARDS

- AWS/ASME SFA 5.1 E6013
- EN ISO 2560 A E 38 0 RC 11

E6013 Mild Steel MMA Electrodes

STOCK CODE	SIZE
E6013-25	2.5 x 350 mm - 5.0 kg
E6013-252	2.5 x 350 mm - 2.5 kg
E6013-32	3.2 x 350 mm - 5.0 kg
E6013-322	3.2 x 350 mm - 2.5 kg
E6013-40	4.0 x 400 mm - 5.0 kg

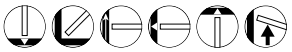
CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Ni	Mo	Cu
Min							
Max	0.20	1.20	1.00	0.20	0.30	0.30	0.08

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	443 N/mm²
Tensile strength Rm	516 N/mm²
Elongation A5	30%
Impact Energy iso-V	80J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- General Purpose electrode good ignition weld properties notably in downhand.

STANDARDS

- AWS A5:1.5

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

MMA ELECTRODES

E7016 H8 Low Hydrogen Electrodes (ESB 44) Vac Pac

STOCK CODE	SIZE
11202HKEM2	2.50 x 350mm - 2.5 kg
11202PKEM2	3.25 x 450mm - 2.5 kg
11202SKEM2	4.00 x 450mm - 2.5 kg
11202QKEM2	5.00 x 450mm - 2.5 kg

CHEMICAL COMPOSITION	C	Mn	Si
Min			
Max	0.06	1.00	0.65

MECHANICAL PROPERTIES (ALL WELD MATERIAL)	
Yield Strength (N/mm²)	450 N/mm²
Tensile Strength (N/mm²)	550 N/mm²
Elongation A5 (%)	25%
Charpy V-Notch Properties (J)	-20°C → 70J / -30°C → 55J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Suitable for fabrication and repair welding of dynamically loaded steel constructions, machines and agricultural equipments, workshop and maintenence welding. Smooth and clean welds, blending into base metal without undercuts. Excellent gap bridging properties. The double covering of this electrode produces a stable, concentrated and directed arc, thus being ideally suited for root pass and positional welding and is suited for AC welding. Welds are of X-ray quality.

STANDARDS

- AWS/ASME SFA 5.1 E7016 H8
- EN ISO 2560 A E 38 2 B 12 H10

E7018-1H4R Low Hydrogen Electrodes (ESB 52) Vac Pac

STOCK CODE	SIZE
11206HJEM2	2.50 x 350mm - 2.5 kg
11206PJEM2	3.25 x 450mm - 2.5 kg
11206SJEM2	4.00 x 450mm - 2.5 kg
11206VJEM2	5.00 x 450mm - 2.5 kg

CHEMICAL COMPOSITION	C	Mn	Si
Min			
Max	0.07	1.20	0.4

MECHANICAL PROPERTIES (ALL WELD MATERIAL)	
Yield Strength (N/mm²)	460 N/mm²
Tensile Strength (N/mm²)	550 N/mm²
Elongation A5 (%)	28%
Charpy V-Notch Properties (J)	-46°C → 110 / -50°C → 100

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Suitable for welding of steel constructions, bridge, dam, thermal power plants, petrochemical industry, shipbuilding, high strength pipe-lines, pressure vessels, tanks, which are dynamically loaded and require high mechanical properties. The weld metal has a very low hydrogen content and is resistant to ageing. Produces tough and crack-free welded joints, also suite for welding steels having a carbon content of up to 0.6 % and rail joints. Good operating characteristic, also in root pass and positional welding. Very good gap bridging properties. Welds are of X-ray quality.

STANDARDS

- AWS/ASME SFA 5.1 E7018-1 H4R
- EN ISO 2560 A E 42 5 B 42 H5

MMA ELECTRODES

E7024 Mild Steel High Recovery Iron Powder Electrode (ESH 180R)

STOCK CODE	SIZE
11121PSEM2	3.25 x 450mm - 6.5 kg
11121SSEM2	4.00 x 450mm - 6.5 kg
11121VSEM2	5.00 x 450mm - 6.5 kg

CHEMICAL COMPOSITION

	C	Mn	Si
Min			
Max	0.07	0.80	0.55

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	480 N/mm²
Tensile Strength (N/mm²)	550 N/mm²
Elongation A5 (%)	25%
Charpy V-Notch Properties (J)	20°C → 50J

WELDING POSITIONS



CURRENT TYPE

- AC/DC-

KEY FEATURES

- Heavy coated, rutile type high-efficiency electrode having a weld metal recovery of approx. 180 %. It is suited to produce long fillet welds and economically filling-up large weld sections especially in shipbuilding. Suitable to use in pre-painted plates. Relatively low current intensities and short burn-off times. Easy arc striking and restriking.

STANDARDS

- AWS/ASME SFA 5.1 E7024
- EN ISO 2560 A E 38 A RR 73

E307-26 High Efficiency for Dissimilar Steels (EIS 307) Vac Pac

STOCK CODE	SIZE
13002HJEM2	2.50 x 350mm - 2.0 kg
13002NJEM2	3.25 x 350mm - 2.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Ni
Min					
Max	0.07	6.50	1.00	19.50	9.50

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	440 N/mm²
Tensile Strength (N/mm²)	610 N/mm²
Elongation A5 (%)	40%
Charpy V-Notch Properties (J)	20°C → 70J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- High efficiency (160 %) electrode for joining dissimilar steels and depositing claddings on ferritic steels. The weld metal consists of austenitic Cr-Ni-Mn steel with possible small amounts of delta ferrite. The weld metal is highly crack resistant and therefore suited for joining difficult to weld steels and depositing stress relaxing buffer layers on crack sensitive base metal prior to hardfacing deposits. Weld metal work hardens by impact and pressure. Suitable for armour plates, rail, cross-overs, crane wheels, idlers, which are subjected to dynamically loading, pressure, impact and abrasion. It is non-scaling up to +850°C and highest operating temperature for dissimilar steel joints is +300°C. In the case of higher temperatures, use ENI 422 electrodes. High current carrying capacity due to its low alloy steel core wire and used with DCEP (DC+).

STANDARDS

- AWS/ASME SFA 5.4 E307-26
- EN ISO 3581 A E 18 8 Mn R 53

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

MMA ELECTRODES

E308L-16 Rutile Electrode for Austenitic Stainless Steel (EI 308L) Vac Pac

STOCK CODE	SIZE
13003GJEM2	2.50 x 300mm - 1.75 kg
13003NJEM2	3.25 x 350mm - 2.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si		Cr	Ni
Min						
Max	0.02	0.9	0.7		19.50	10.00

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	440 N/mm²
Tensile Strength (N/mm²)	570 N/mm²
Elongation A5 (%)	42%
Charpy V-Notch Properties (J)	20°C → 70J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Rutile coated electrode for welding austenitic stainless Cr-Ni steels or cast steels, having an extra low carbon content, as well as stainless or heat resisting chromium steels or cast steels. Suitable for welding stainless steel tanks, valves, pipes and linings in chemical, food, beverage, pharmaceutical industries. For operating temperatures of up to +350°C, non-scaling up to +800°C. Possible to use equally well both with AC and DC. Easy arc striking and re-striking. Fine metal droplet transfer, good fusion of joint faces, finely rippled bead surface, easily removable slag.

STANDARDS

- AWS/ASME SFA 5.4 E308L-16
- EN ISO 3581 A E 19 9 L R 12

E309L Rutile Electrode for Dissimilar Steels (EI 309L) Vac Pac

STOCK CODE	SIZE
13008GJEM2	2.50 x 300mm 1.75 kg
13008NJEM2	3.25 x 350mm 2 kg

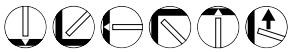
CHEMICAL COMPOSITION

	C	Mn	Si		Cr	Ni
Min						
Max	0.03	1.10	0.9		23	12.50

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	450 N/mm²
Tensile Strength (N/mm²)	570 N/mm²
Elongation A5 (%)	40%
Charpy V-Notch Properties (J)	20°C → 60J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Electrode for joining dissimilar steels (austenitic steels to ferritic steels) and for austenitic claddings on ferritic steels. Weld metal consists of austenite with approx. 15% delta-ferrite. Claddings on unalloyed and low alloy steels are already corrosion resistant in the first layer. Higher operating temperature for joints between dissimilar steels is +300°C. In case of higher temperatures use ENI 422 electrodes. Fine metal droplet transfer, good fusion of joint faces, finely ripped bead surface, easy slag removal, easy arc striking and restriking.

STANDARDS

- AWS/ASME SFA 5.4 E309L-16
- EN ISO 3581 A E 23 12 L R 12

MMA ELECTRODES

E312-16 Rutile Electrodes for Dissimilar and Cladding Applications (EI 312) Vac Pac

STOCK CODE	SIZE
13015GJEM2	2.50 x 300mm - 1.75 kg
13015MJEM2	3.25 x 300mm - 1.75 kg

CHEMICAL COMPOSITION

	C	Mn	Si		Cr	Ni
Min						
Max	0.10	1.00	0.60		29.50	9.00

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	660 N/mm²
Tensile Strength (N/mm²)	760 N/mm²
Elongation A5 (%)	20%
Charpy V-Notch Properties (J)	20°C → 50J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Rutile type stainless steel electrode for joining dissimilar steels and depositing claddings on ferritic steels. The ferritic-austenitic Cr-Ni weld metal contains approximately 50% of delta-ferrite and is non-scaling up to +1100°C. It features high resistance to cracking and is therefore suited for joining difficult to weld steels and depositing stress-relaxing buffer layers on crack sensitive base metals. Especially used in crack repair and build-up of tool and die steels, rebuilding of worn or cracked gear teeth, buffer layer on cutting blades. Suitable for welding galvanized steel plates. Possible to use equally well both AC and DC. Easy arc striking and re-striking. Fine metal droplet transfer, good fusion of joints faces, finely rippled bead surface, easy slag removal.

STANDARDS

- AWS/ASME SFA 5.4 E312-16
- EN ISO 3581 A E 29 9 R 12

E316L-16 Rutile Electrode for Austenitic Stainless Steel (EI 316L) Vac Pac

STOCK CODE	SIZE
13017DJEM2	2.00 x 300mm - 1.75 kg
13017GJEM2	2.50 x 300mm - 1.75 kg
13017NJEM2	3.25 x 350mm - 2.0 kg
13017QJEM2	4.00 x 350mm - 2.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si		Cr	Ni	Mo
Min							
Max	0.03	0.90	0.80		19.00	12.00	2.80

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield Strength (N/mm²)	460 N/mm²
Tensile Strength (N/mm²)	560 N/mm²
Elongation A5 (%)	40%
Charpy V-Notch Properties (J)	20°C → 70J

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Rutile type stainless steel electrode for welding austenitic stainless Cr-Ni-Mo steels or cast steels, having an extra low carbon content. For operating temperatures of up to +400°C. Especially suitable for welding of stainless steel chemical tanks and pipes in chemical, textile, paint, paper industries. Possible to use equally well both with AC and DC. Easy arc striking and re-striking. Fine metal droplet transfer, good fusion of joint faces, finely rippled bead surface, easily removable slag.

STANDARDS

- AWS/ASME SFA 5.4 E316L-16
- EN ISO 3581 A E 19 12 3 L R 32

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

MMA ELECTRODES

ENiFe-CI Nickel Iron Core electrode for Cast Iron (ENI 416) Vac Pac

STOCK CODE	SIZE
16003GJEM2	2.50 x 300mm - 1.75 kg
16003MJEM2	3.25 x 300mm - 1.75 kg

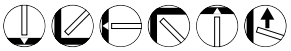
CHEMICAL COMPOSITION

	C	Si	Mn	Ni	Al	Fe
Max	0.45	1.60	0.65	52.00	0.80	44.50

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

As welded	~210

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Electrode having a nickel-iron core wire for welding cast iron with or without preheating. The weld metal features a low coefficient of thermal expansion and as a result, little shrinkage. It has higher strength properties than pure nickel weld metal and is therefore preferably used for welding nodular cast iron, white and black heart malleable cast iron, as well as austenitic nodular cast iron or joining these metals to components made of steel, copper or nickel materials. Easy arc striking and restriking, stable arc, smooth bead. Weld metal is machinable. Weld short beads.

STANDARDS

- AWS/ASME SFA 5.15 ENiFe CI
- EN ISO 1071 E C NiFe CI3

ENi-CI Nickel Core Electrode for Grey Cast Iron (ENI 412) Vac Pac

STOCK CODE	SIZE
16002GJEM2	2.50 x 300mm - 1.75 kg
16002MJEM2	3.25 x 300mm - 1.75 kg
16002RJEM2	4.00 x 400mm - 2.25 kg

CHEMICAL COMPOSITION

	C	Si	Mn	Ni	Ti	Ni	Fe
Min							
Max	0.80	0.80	0.20	97.00	0.35	0.10	0.75

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

As welded	~175

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- Electrode having a nickel core wire, for welding on grey cast iron with and without preheating. Suitable for welding joints as well as for surfacing of worn cast iron parts. Suitable to use in repair of machine frames, machine housings, machine parts and bearing blocks. The electrode has a very soft, regular fusion, and a quiet and steady arc. It is well suited for positional welding. Very little dilution with the parent metal takes place, resulting in good machinability of the transition area. Weld short beads, about 30 to 50 mm long. In order to reduce weld residual stresses, hammer-peen welds slightly before cooling. Preferably this is used with DCEN but it is possible to use with AC.

STANDARDS

- AWS/ASME SFA 5.15 ENi-CI
- EN ISO 1071 E C Ni-CI 3

MMA ELECTRODES

E Fe8 Hardfacing Electrode (EH 360B)

STOCK CODE	SIZE
18006NREM2	3.25 x 350mm - 5.0kg
18006SSEM2	4.00 x 450mm - 6.5kg
18006VSEM2	5.00 x 450mm - 6.5kg

CHEMICAL COMPOSITION

	C	Mn	Si		Cr		Mo	V	Fe
Min									
Max	0.5	0.6	0.8		8		0.5	0.65	Rest

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

As welded	59 HRC
Wear Index	62.34 (SiO2)

WELDING POSITIONS



CURRENT TYPE

- AC/DC+

KEY FEATURES

- Thick basic-covered electrode for depositing tough and wear resisting overlays on structural members subjected to severe wear. It is particularly resistant to high meta-to-metal wear, moderate impact and abrasion. The weld metal has sufficient red hardness up to +600°C. It can be machined only by grinding. Suitable hardfacing applications where wear resistance at higher temperatures is a prime concern, as in hot cut offs, dies for pressure castings, rolls, crushers excavator parts, bucket edges and bucket teeth, drilling bits, coal planes, conveyor screws. Multi-layers deposits will be free of cracks, even without depositing intermediate buffer layers. Only in case of very crack sensitive base metals, a tough buffer layer, made with ESB 40 or EI 307B electrodes, is required. Preferred to use with DC, electrode in positive (+) pole and also possible to use with AC.

STANDARDS

- EN 14700 E Fe8
- DIN 8555 E 6-UM-60-GPT

ALUMINIUM TIG WIRE

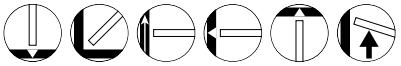
4043 Aluminium TIG Wire 5% Silicon

STOCK CODE	SIZE
XP25308	1.6 mm x 2.5 kg
XP25310	2.4 mm x 2.5 kg
XP25312	3.2 mm x 2.5 kg

CHEMICAL COMPOSITION

	Mn	Si	Zn	Mg	Cu	Ti	Be	Fe
Min		4.5						
Max	0.05	5.5	0.10	0.05	0.3	0.20	.0008	0.8

WELDING POSITIONS



CURRENT TYPE

- AC

KEY FEATURES

- General Purpose TIG wire suitable for welding AlMgSi and AlSi alloys.
- 5% Silicon.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 4043 (AlSi5)
- AWS A5.10 ER4043

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

ALUMINIUM TIG WIRE

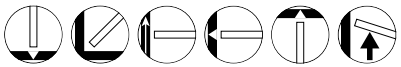
5356 Aluminium TIG Wire 5% Magnesium

STOCK CODE	SIZE
XP25316	1.6 mm x 2.5 kg
XP25320	2.4 mm x 2.5 kg
XP25322	3.2 mm x 2.5 kg

CHEMICAL COMPOSITION

	Mn	Si	Cr	Zn	Mg	Cu	Ti	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

KEY FEATURES

- General Purpose TIG Wire suitable for welding AlMgSi and AlSi Alloys.
- 5% Magnesium.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 5356 (AlMg5Cr(A))
- AWS A5.10 ER5356

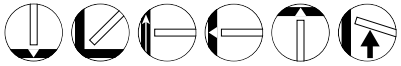
5556 Aluminium TIG Wire 5.3% Magnesium

STOCK CODE	SIZE
XP25326	1.6 mm x 2.5 kg
XP25328	2.5 mm x 2.5 kg
XP25330	3.2 mm x 2.5 kg

CHEMICAL COMPOSITION

	Mn	Si	Cr	Zn	Mg	Cu	Ti	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

KEY FEATURES

- General purpose TIG Wire suitable for welding AlMgSi and AlSi Alloys
- 5.3% Magnesium

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 5556 (AlMg5Mn1Ti)
- AWS A5.10 ER5556

STAINLESS STEEL TIG WIRE

308L TIG Wire

STOCK CODE	SIZE
XP30310	1.0 mm x 5.0 kg
XP30312	1.2 mm x 5.0 kg
XP30314	1.6 mm x 5.0 kg
XP30318	2.4 mm x 5.0 kg
XP30320	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	205 MPa
Yield strength Rp 1.0	240 MPa
Tensile strength Rm	510 MPa
Elongation A5	25%

WELDING POSITIONS



CURRENT TYPE

- DC-

SHIELDING GAS

- Pure Argon

KEY 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	W 19 9 L
• AWS A5.9	ER 308L

309L TIG Wire

STOCK CODE	SIZE
XP30330	1.6 mm x 5.0 kg
XP30332	2.4 mm x 5.0 kg
XP30334	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	440 N/mm²
Tensile strength Rm	600 N/mm²
Elongation A5	40%
Impact Energy iso-V	160 J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY 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.

SHIELDING GAS

- Pure Argon

STANDARDS

• EN ISO 14343-A	W 23 12 L
• AWS A5.9	ER 309L

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

STAINLESS STEEL TIG WIRE

312 TIG Wire

STOCK CODE	SIZE
XP30352	1.6 mm x 5.0 kg
XP30354	2.4 mm x 5.0 kg
XP30356	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu
Min		1				28	8		
Max	0.15	2.50	1.00	0.02	0.03	32	12	0.30	0.30

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength	610 MPa
Tensile strength	770 MPa
Elongation	20%
Impact energy	50 J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY 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.

SHIELDING GAS

- Pure Argon

STANDARDS

• EN ISO 14343-A	W 29 9
• AWS A5.9	ER 312

316L TIG Wire

STOCK CODE	SIZE
XP30362	0.8 mm x 5.0 kg
XP30364	1.0 mm x 5.0 kg
XP30366	1.2 mm x 5.0 kg
XP30368	1.6 mm x 5.0 kg
XP30370	2.0 mm x 5.0 kg
XP30372	2.4 mm x 5.0 kg
XP30374	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

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

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- Suitable for the nuclear industry and contains low Silicon levels. Chemical, Petrochem, Food and Beverage Applications.

SHIELDING GAS

- Pure Argon

STANDARDS

• EN ISO 14343-A	W 19 12 3 L
• AWS A5.9	ER 316L

STAINLESS STEEL TIG WIRE

347 TIG Wire

STOCK CODE	SIZE
XP30382	1.6 mm x 5.0 kg
XP30384	2.4 mm x 5.0 kg
XP30386	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	450 N/mm²
Tensile strength Rm	600 N/mm²
Elongation A5	30%
Impact Energy iso-V	70 J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- 347 Niobium stabilized stainless steel used for the welding of types 347 and 321 stainless and stainless clad steels.
- The addition reduces inter-granular corrosion in severe operating conditions.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 14343-A W 19 9 NB
- AWS A5.9 ER 347

MILD STEEL TIG WIRE

ER70S-2 - A15

STOCK CODE	SIZE
XP10300	1.0 mm x 5.0 kg
XP10303	1.2 mm x 5.0 kg
XP10306	1.6 mm x 5.0 kg
XP10309	2.0 mm x 5.0 kg
XP10312	2.4 mm x 5.0 kg
XP10315	3.2 mm x 5.0 kg

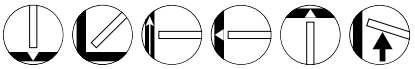
CHEMICAL COMPOSITION

	C	Mn	Si	Zr	Al	Ti
%	0.03	1.20	0.55	0.07	0.10	0.10

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2	≥460MPa
Tensile Strength Rm	≥530MPa
Elongation 4d/5d	≥22/20%
Impact Energy iso-V	≥47J and -30°C: ≥27J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for welding standard CMn structural steels.
- Typical applications would include shipbuilding, pressure vessels and construction.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 636-A: W 46 2 2Ti
- AWS A5.18: ER70S-2

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

MILD STEEL TIG WIRE

ER70S-6 - A18

STOCK CODE	SIZE
XP10324	1.0 mm x 5.0 kg
XP10327	1.2 mm x 5.0 kg
XP10330	1.6 mm x 5.0 kg
XP10336	2.4 mm x 5.0 kg
XP10339	3.2 mm x 5.0 kg

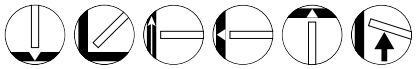
CHEMICAL COMPOSITION

	C	Mn	Si
%	0.09	1.47	0.87

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2	≥460MPa
Tensile strength Rm	≥530MPa
Elongation 4d/5d	≥22/20%
Impact Energy iso-V	-50°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for welding standard CMn structural steels.
- Typical applications would include shipbuilding, pressure vessels and construction.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 636-A: W 46 5 3Si1
- AWS A5.18: ER70S-6

LOW ALLOY TIG WIRE

ER70S-A1 - A30

STOCK CODE	SIZE
XP15300	1.0 mm x 5.0 kg
XP15302	1.2 mm x 5.0 kg
XP15304	1.6 mm x 5.0 kg
XP15306	2.4 mm x 5.0 kg
XP15308	3.2 mm x 5.0 kg

CHEMICAL COMPOSITION

	C	Mn	Si	Mo
%	0.10	1.15	0.60	0.5

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥460MPa
Tensile strength Rm	≥530MPa
Elongation 4d/5d	≥19/20%

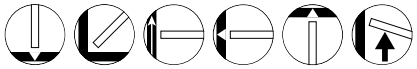
CURRENT TYPE

- DC-

SHIELDING GAS

- Pure Argon

WELDING POSITIONS



KEY FEATURES

- TIG/GTAWRod for 0.5% Mo steels. These steels are commonly used at service temperatures up to 500°C and for some sub-zero structural applications.
- The 0.5% alloying improves creep performance compared to CMn steels and sees the alloy being used for boiler, pressure vessel and piping construction.
- The good general mechanical properties also ensures use in general structural engineering applications.

STANDARDS

- EN ISO 636-A: W 46 4 2Mo
- EN ISO 21952-A: W MoSi
- AWS A5.28: ER70S-A1

LOW ALLOY TIG WIRE

ER80S-B2 - A32

STOCK CODE	SIZE
XP15324	1.0 mm x 5.0 kg
XP15326	1.2 mm x 5.0 kg
XP15328	1.6 mm x 5.0 kg
XP15330	2.4 mm x 5.0 kg
XP15332	3.0 mm x 5.0 kg

CURRENT TYPE

- DC-

SHIELDING GAS

- Pure Argon

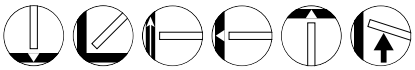
CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Mo
%	0.09	0.55	0.55	1.35	0.50

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥470MPa
Tensile strength Rm	≥550MPa
Elongation 4d/5d	≥19%

WELDING POSITIONS



KEY FEATURES

- TIG/GTAW rod for high temperature creep resistant 1.25%Cr-0.5%Mo ferritic steel.
- These steels are used for creep resisting applications up to ~550°C.
- Typical applications in power generation plant include steam piping, turbines and boilers; the alloy also finds applications in the chemical and petro-chemical industries.
- The wire has low levels of tramp elements (eg. Sn, As, Sb & P) providing a low Bruscato (X) Factor for temper embrittlement resistant applications.

STANDARDS

- EN ISO 21952-B: W55 1CM
- A5.28: ER80S-B2

ER80S-D2 - A31

STOCK CODE	SIZE
XP15312	1.0 mm x 5.0 kg
XP15314	1.2 mm x 5.0 kg
XP15316	1.6 mm x 5.0 kg
XP15318	2.4 mm x 5.0 kg
XP15320	3.2 mm x 5.0 kg

CURRENT TYPE

- DC-

SHIELDING GAS

- Pure Argon

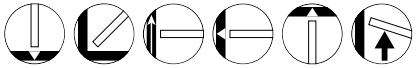
CHEMICAL COMPOSITION

	C	Mn	Si	Mo
%	0.09	1.95	0.70	0.50

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥540MPa
Tensile strength Rm	≥620MPa
Elongation 4d/5d	≥17%
Impact Energy iso-V	-30°C: ≥27J

WELDING POSITIONS



KEY FEATURES

- TIG/GTAW rod for welding of high strength steels, used predominantly after stress relieving.
- Predominantly used for welding high strength steels, providing a good combination of strength and toughness.
- May find used for joining creep resistance steels up to ~500°C but the WSG Mo wire would be the more usual choice.

STANDARDS

- EN ISO 636-B: W 57A 3 4M31
- AWS A5.28: ER80S-D2 / ER90S-D2

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

LOW ALLOY TIG WIRE

ER80S-Ni1

STOCK CODE	SIZE
XP15374	1.6 mm x 5.0 kg
XP15376	2.4 mm x 5.0 kg
XP15378	3.2 mm x 5.0 kg

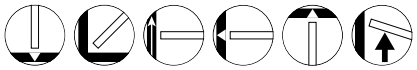
CHEMICAL COMPOSITION

	C	Mn	Si	Ni
%	0.09	1.05	0.50	0.90

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥470MPa
Tensile strength Rm	≥550MPa
Elongation 4d/5d	≥24/20%
Impact Energy iso-V	-60°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for steels where impact properties are required at -50°C.
- Applications include structural, oil & gas and offshore steelwork.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 636-A: W 46 6 3Ni1
- AWS A5.28: ER80S-Ni1

ER80S-Ni2

STOCK CODE	SIZE
XP15382	1.6 mm x 5.0 kg
XP15384	2.4 mm x 5.0 kg
XP15386	3.2 mm x 5.0 kg

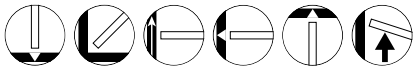
CHEMICAL COMPOSITION

	C	Mn	Si	Ni
%	0.09	1.10	0.52	2.45

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥470MPa
Tensile strength Rm	≥550MPa
Elongation 4d/5d	≥24/20%
Impact Energy iso-V	-90°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for steels where impact properties are required at -75°C.
- Applications include structural, oil & gas and offshore steelwork.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 636-A: W 42 9 2Ni2
- AWS A5.28: ER80S-Ni2

LOW ALLOY TIG WIRE

ER90S-B3 - A33

STOCK CODE	SIZE
XP15340	1.6 mm x 5.0 kg
XP15342	2.4 mm x 5.0 kg
XP15344	3.2 mm x 5.0 kg

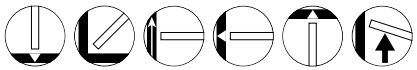
CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Mo
%	0.09	0.55	0.55	2.50	1.05

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥540MPa
Tensile strength Rm	≥620MPa
Elongation 4d/5d	≥17%

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for high temperature creep resistant 2.25%Cr-1%Mo ferritic steel.
- These steels are used for creep resisting applications up to 600°C.
- Typical applications in power generation plant include steam piping, turbines and boilers; the alloy also finds applications in the chemical and petro-chemical industries.
- The wire has low levels of tramp elements (eg. Sn, As, Sb & P) providing a low Bruscato (X) Factor for temper embrittlement resistant aqpplications.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 21952-B: W62 2C1M
- AWS A5.28: ER90S-B3

ER110S-G - FK1

STOCK CODE	SIZE
XP15358	1.6 mm x 5.0 kg
XP15360	2.4 mm x 5.0 kg
XP15362	3.2 mm x 5.0 kg

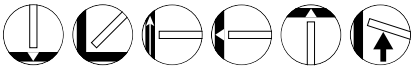
CHEMICAL COMPOSITION

	C	Mn	Si	V	Cr	Ni	Mo
%	0.09	1.57	0.52	0.09	0.30	1.40	0.25

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥690MPa
Tensile strength Rm	≥790MPa
Elongation 4d/5d	≥17%
Impact Energy iso-V	-40°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW wire for welding high strength low alloy steels.
- Used for many structural and construction applications including: pipelines, tankers and containers.
- Welding procedure, including preheat temperature, interpress temperature and PWHT, will be dependant on the base material being welded and any applicable design codes.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 16834-A: W 69 4 Mn3Ni1CrMo
- AWS A5.28: ER110S-G

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

LOW ALLOY TIG WIRE

ER100S-G - FK2

STOCK CODE	SIZE
XP15350	1.6 mm x 5.0 kg
XP15352	2.4 mm x 5.0 kg
XP15354	3.2 mm x 5.0 kg

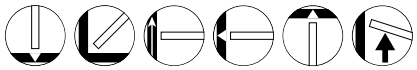
CHEMICAL COMPOSITION

	C	Mn	Si	Ni	Mo	Ti
%	0.08	1.77	0.57	1.00	0.38	0.14

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥690MPa
Tensile strength Rm	≥760MPa
Elongation 4d/5d	≥17%
Impact Energy iso-V	-50°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW wire for welding high strength low alloy steels.
- Used for many structural and construction applications including: pipelines, tankers and containers.
- Welding procedure, including preheat temperature, interpress temperature and PWHT, will be dependant on the base material being welded and any applicable design codes.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 16834-A: W 69 5 ZMn3Ni1Mo
- AWS A5.28: ER100S-G

WEATHERING STEEL TIG WIRE

ER80S-G - CORTEN

STOCK CODE	SIZE
XP15390	1.6 mm x 5.0 kg
XP15392	2.4 mm x 5.0 kg
XP15394	3.2 mm x 5.0 kg

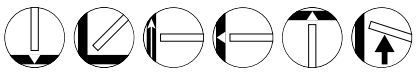
CHEMICAL COMPOSITION

	C	Mn	Si	Cu	Ni
%	0.08	1.40	0.80	0.40	0.80

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥450MPa
Tensile strength Rm	≥550MPa
Elongation 4d/5d	≥22/20%
Impact Energy iso-V	-40°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW rod for weathering steels.
- Weathering steels, with controlled additions of Cu, provide improved corrosion resistance compared to CMn steels.
- The improved resistance to atmospheric corrosion means these steels find use for architectural applications and also for welding CMn steels to prevent preferential corrosion of the weld.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 636-A: W 42 4 Z
- AWS A5.28: ER80S-G

HARDFACING TIG WIRE

HF6-G

STOCK CODE	SIZE
XP20300	1.6 mm x 5.0 kg
XP20303	2.4 mm x 5.0 kg
XP20306	3.2 mm x 5.0 kg

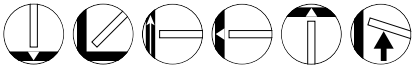
CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Mo	V	W
%	1.00	0.30	0.30	4.00	8.30	1.90	1.80

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Hardness	630-740HV
	590-690HB
	57-62HRC

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- TIG/GTAW wire for the surfacing, repair or production of new high speed tools. Exhibits excellent wear resistance and resistance to softening at elevated temperatures. Weld deposits can only be ground. Typical applications will include: cutting tools, gouges, broaches, turning tools, drills.
- Similar high speed tool steels. Surfacing wide range of mild, CMn, low alloy, engineering steels.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 14700: SFe4
- AWS A5.21: ERFe6

ALUMINIUM WIRE

4043 Aluminium Wire

STOCK CODE	SIZE
XP25218	0.8 mm x 2.0 kg
XP25221	1.0 mm x 2.0 kg
XP25224	1.2 mm x 2.0 kg
XP25209	0.8 mm x 0.5 kg
XP25212	1.0 mm x 0.5 kg
XP25215	1.2 mm x 0.5 kg
XP25227	0.8 mm x 7.0 kg
XP25230	1.0 mm x 7.0 kg
XP25233	1.2 mm x 7.0 kg

CHEMICAL COMPOSITION

	Mn	Si	Mg	Mo	Cu	Ti	Be	Fe	Zn
Min		4.5							
Max	0.05	6.0	0.05	0.15	0.30	0.20	.0003	0.80	0.10

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- 5% Silicon Aluminium Wire for General Purpose welding.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 4043 (AlSi5)
- AWS A5.10 ER4043

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

ALUMINIUM WIRE

5356 Aluminium Wire

STOCK CODE	SIZE
XP25236	0.8 mm x 0.5 kg
XP25239	1.0 mm x 0.5 kg
XP25248	1.0 mm x 2.0 kg
XP25242	1.2 mm x 0.5 kg
XP25251	1.2 mm x 2.0 kg
XP25254	0.8 mm x 7.0 kg
XP25257	1.0 mm x 7.0 kg
XP25260	1.2 mm x 7.0 kg

CHEMICAL COMPOSITION

	Mg	Mn	Si	Zn	Fe	Cu	Ti	Cr	Be
Min	4.5	0.05					0.06	0.05	
Max	5.5	0.20	0.25	0.10	0.4	0.10	0.20	0.20	0.0003

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- 5% Magnesium Aluminium Wire for General Purpose welding.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 5356 (AlMg5Cr(A))
- AWS A5.10 ER5356

5556 Aluminium Wire

STOCK CODE	SIZE
XP25278	1.2 mm x 7.0 kg

CHEMICAL COMPOSITION

	Mg	Zn	Cr	Cu	Fe	Mn	Si	Be	Ti
Min	5.0	0.0	0.05	0.10	0.0	0.6	0.0	0	0.05
Max	5.5	0.20	0.20	0.10	0.40	1.0	0.25	0.0003	0.20

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- 5.3% Magnesium. Produces a higher strength weld than standard 5% Mg 5356 alloy.

SHIELDING GAS

- Pure Argon

STANDARDS

- EN ISO 18273 S Al 5556 (AlMg5Mn1Ti)
- AWS A5.10 ER5556

STAINLESS STEEL WIRE

307Si Wire

STOCK CODE	SIZE
XP30200	0.8 mm x 15kg
XP30202	1.0 mm x 15 kg
XP30204	1.2mm x 15kg

CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Ni
Min		4.5	0.65	17.0	7.0
Max	.20	7.5	1.0	20.0	10.0

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	>350 N/mm2
Tensile strength Rm	560 N/mm2
Elongation A5	>45%
Impact energy ISO-V	>100J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY 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.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 18 8 Mn
• AWS A5.9	ER 307Si

308LSi Wire

STOCK CODE	SIZE
XP30216	0.8 mm x 15 kg
XP30218	1.0 mm x 15 kg
XP30220	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	390 N/mm^2
Yield strength Rp 1.0	415 N/mm^2
Tensile strength Rm	570 N/mm^2
Elongation A5	35%
Reduction of area Z	40%
Impact energy ISO-V	140J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Suitable for welding 18/8 (304, 308, 308L) austenitic stainless steels.
- Provides superior corrosion and crack resistance.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 19 9 LSi
• AWS A5.9	ER 308LSi

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

STAINLESS STEEL WIRE

309LSi Wire

STOCK CODE	SIZE
XP30226	0.8 mm x 15 kg
XP30228	1.0 mm x 15 kg
XP30230	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	460 N/mm²
Yield strength Rp 1.0	610 N/mm²
Tensile strength Rm	570 N/mm²
Elongation A5	35%
Reduction of area Z	52%
Impact energy ISO-V	117J (102J)

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY 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.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 23 12 L Si
• AWS A5.9	ER 309LSi

310 Wire

STOCK CODE	SIZE
XP30236	0.8 mm x 15 kg
XP30238	1.0 mm x 15 kg
XP30240	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	390 N/mm²
Yield strength Rp 1.0	590 N/mm²
Tensile strength Rm	630 N/mm²
Elongation A5	45%
Impact energy ISO-V	175J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY 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.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 25 20
• AWS A5.9	ER 310

STAINLESS STEEL WIRE

312 Wire

STOCK CODE	SIZE
XP30244	0.8 mm x 15 kg
XP30246	1.0 mm x 15 kg
XP30248	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	Cr	Ni	Mo
Min		1.0	0.30	28.0	8.0	
Max	.15	2.5	0.65	32.0	21.0	10.5

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	550 N/mm2
Tensile strength Rm	750 N/mm2
Elongation A5	25%
Impact energy ISO-V	>80

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY 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.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 29 9
• AWS A5.9	ER 312

316LSi Wire

STOCK CODE	SIZE
XP30260	0.8 mm x 15 kg
XP30262	1.0 mm x 15 kg
XP30264	1.2 mm x 15 kg
XP30252	0.8 mm x 5.0 kg
XP30254	1.0 mm x 5.0 kg

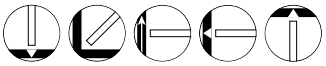
CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	450 N/mm²
Yield strength Rp 1.0	490 N/mm²
Tensile strength Rm	630 N/mm²
Elongation A5	33%
Reduction of area Z	46%
Impact energy ISO-V	152J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Suitable for joining and cladding 316L joints and overlays.
- Contains considerable ferrite for high crack resistance.

SHIELDING GAS

- M12, M13

STANDARDS

• EN ISO 14343-A	G 19 12 3 L
• AWS A5.9	ER 316LSi

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

STAINLESS STEEL WIRE

347 Wire

STOCK CODE	SIZE
XP30268	0.8 mm x 15 kg
XP30270	1.0 mm x 15 kg
XP30272	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co	N	Nb	B
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	350 N/mm²
Tensile strength Rm	550 N/mm²
Elongation A5	25%
Impact energy ISO-V	50J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- S347 Niobium stabilized stainless steel wire used for the welding of types 347 and 321 stainless and stainless clad steels.
- The addition reduces inter-granular corrosion in severe operating conditions.

SHIELDING GAS

- M12, M13

STANDARDS

- EN ISO 14343-A G 19 9 Nb
- AWS A5.9 ER 347

MILD STEEL WIRE

SG2 (ER70S-6)

STOCK CODE	SIZE
XP10224	0.8 mm x 15 kg
XP10227	1.0 mm x 15 kg
XP10230	1.2 mm x 15 kg
XP10209	0.6 mm x 5.0 kg
XP10212	0.8 mm x 5.0 kg
XP10215	1.0 mm x 5.0 kg
XP10200	0.6 mm x 0.7 kg
XP10203	0.8 mm x 0.7 kg
XP10239	1.0 mm x 250 kg *Bulk Pk*
XP10242	1.2 mm x 250 kg *Bulk Pk*

CHEMICAL COMPOSITION

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
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

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	485 N/mm²
Tensile strength Rm	575 N/mm²
Elongation A5	27.5%
Impact energy ISO-V	91 J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Manufactured to BS2901.

STANDARDS

- AWS A5.18 ER 70S-6

LOW ALLOY MIG WIRE

ER110S-G - FK1

STOCK CODE	SIZE
XP15266	1.0 mm x 15 kg
XP15269	1.2 mm x 15 kg

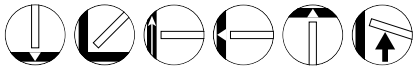
CHEMICAL COMPOSITION

	C	Mn	Si	Mo	Ni	Cr	V
%	0.09	1.57	0.52	0.25	1.40	0.30	0.09

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥690MPa
Tensile strength Rm	≥770MPa
Elongation 4d/5d	≥17%
Impact Energy iso-V	-40°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- MIG/GMAW wire for welding high strength low alloy steels.
- Used for many structural and construction applications including: pipelines, tankers and containers. Most applications utilising the FK1 MIG/GMAW wire are left in the as-welded condition; the wire is not recommended for applications that require PWHT.

SHIELDING GAS

- Mixed Gas

STANDARDS

- EN ISO 16834-A: G 69 4 M21 Mn3Ni1CrMo
- A5.28: ER110S-G

ER120S-G - FK1000

STOCK CODE	SIZE
XP15275	1.0 mm x 15 kg
XP15278	1.2 mm x 15 kg

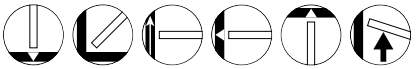
CHEMICAL COMPOSITION

	C	Mn	Si	Ni	Cr	Mo	Ti
%	0.09	1.80	0.80	2.20	0.31	0.55	0.06

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥890MPa
Tensile strength Rm	≥940MPa
Elongation 4d/5d	≥15%
Impact Energy iso-V	-60°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC+

SHIELDING GAS

- Mixed Gas

KEY FEATURES

- MIG/GMAW wire for welding high strength low alloy steels. Used for welding high strength steels in many high stress, critical applications; also exhibiting excellent toughness down to -60°C. Typical applications can be found in the mining, shipbuilding, automotive and pressure vessel industries.
- Most applications utilising the FK1000 MIG/GMAW wire are left in the as-welded condition; the wire is not recommended for applications that require PWHT.
- For high strength fine-grained structural steels up to yield strength 890MPa (129ksi).

STANDARDS

- EN ISO 16834-A: G 89 6 M21 Mn4Ni2CrMo
- A5.28: ER120S-G

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

WEATHERING STEEL WIRE

ER80S-G - CORTEN

STOCK CODE	SIZE
XP15227	0.8 mm x 15 kg
XP15230	1.0 mm x 15 kg
XP15233	1.2 mm x 15 kg

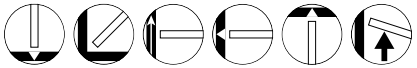
CHEMICAL COMPOSITION

	C	Mn	Si	Ni	Cu
%	0.08	1.40	0.80	0.80	0.40

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥450MPa
Tensile strength Rm	≥550MPa
Elongation 4d/5d	≥22%
Impact Energy iso-V	-20°C: ≥47J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- MIG/GMAW wire for weathering steels. Weathering steels, with controlled additions of Cu, provide improved corrosion resistance compared to CMn steels.
- The improved resistance to atmospheric corrosion means these steels find use for architectural applications and also for welding CMn steels to prevent preferential corrosion of the weld.

SHIELDING GAS

- Mixed Gas

STANDARDS

- EN ISO 14341-A: G 42 2 M21 Z
- A5.28: ER80S-G

HARD FACING MIG WIRE

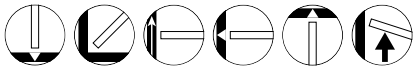
ERFe3 - HF600 Solid

STOCK CODE	SIZE
XP20200	1.0 mm x 15 kg
XP20203	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si	Cr
%	0.45	0.40	3.00	9.30

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- MIG/GMAW wire for hardfacing applications.
- The wire is predominantly used for applications requiring good abrasion resisitance such as mixers, crushers and earth moving equipment but deposits will withstand moderate impact.
- With final deposit hardness being nominally 60HRC the weld metal can only be ground.
- If very thick build-ups are required it is suggested that lower hardness wires (eg. ED-A 35) be used as a buffer layer.

SHIELDING GAS

- Mixed Gas

STANDARDS

- EN ISO 14700: S Fe8
- AWS A5.21: ERFe3

CORED WIRE

Flux Cored Gasless Wire

STOCK CODE	SIZE
XP10400	0.8 mm x 0.45 kg
XP10406	0.8 mm x 5.0 kg
XP10403	0.9 mm x 0.45 kg
XP10409	0.9 mm x 5.0 kg

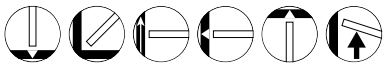
CHEMICAL COMPOSITION

	Mn	Si	S	P	Al
%	1.75	0.60	0.03	0.03	1.8

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Yield strength Rp 0.2	420 N/mm²
Tensile strength Rm	560 N/mm²
Elongation A5	27.5%

WELDING POSITIONS



CURRENT TYPE

- DC-

KEY FEATURES

- Use without gas with electrode negative.

STANDARDS

- E71T-GS
- AWS A5.20

CORED WIRE

E71T-1M Rutile Flux Cored Wire (FCW 12)

STOCK CODE	SIZE
31002EIAM2	1.2 mm x 15 kg

CHEMICAL COMPOSITION

	C	Mn	Si
%	0.05	1.45	0.45

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Protection Gas	M21
Yield Strength (N/mm²)	480 N/mm²
Tensile Strength (N/mm²)	550 N/mm²
Elongation A5 (%)	28%
Charpy V-Notch Properties (J)	-20°C → 100

WELDING POSITIONS



KEY FEATURES

- Rutile type flux cored wire, especially designed for welding in steel construction, piping, machine fabrication and shipbuilding by using mix shielding gas. Owing to it's easily controllable weld pool and fast freezing slag particularly suited for welding in all position. Good gapbridging property, low spatter loss, easy slag removal even in narrow grooves. Finely ripped porefree welds blending into base metal without undercut.

STANDARDS

- AWS/ASME SFA 5.20 E71T-1M
- EN ISO 17632 A T46 2 P M 1

CURRENT TYPE

- DC+

REFER TO **PARWELD.COM/MAGMAWELD-CONSUMABLES** FOR FULL RANGE

METAL CORED WIRE

E70C-6M H4 Metal Cored Wire (FCW 21)

STOCK CODE	SIZE
31021EHAM2	1.20 mm x 15 kg

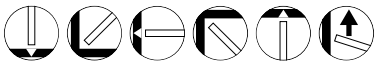
CHEMICAL COMPOSITION

	C	Mn	Si			
%	0.06	1.60	0.60			

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

Protection Gas	M21
Yield Strength (N/mm²)	500 N/mm²
Tensile Strength (N/mm²)	580 N/mm²
Elongation A5 (%)	24%
Charpy V-Notch Properties (J)	-20°C → 100J / -40°C → 60J

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Slagless metal powder cored electrode with outstanding welding properties in the short-arc and spray arc range. Weld metal has very high toughness and charpy impact resistance, so it is suitable and reliable to use down to -40°C. Almost spatter-free when welding in the spray-arc range with mixed gas. Good restriking, even with cold wire tip, thus being suitable for robot application. Characteristic features high deposition rate and welding speed, good side wall fusion, finely rippled welds, without undercutting into the base metal, not even on contaminated or corroded metal surfaces. Little formation of silicates on weld surface, so that multi-pass welds can be made without cleaning. Due to its easily controlable weld pool in the short-arc range, FCW 21 is well-suited for root-and positional welding and gap bridging.

STANDARDS

- AWS/ASME SFA 5.18 E70C6M H4
- EN ISO 17632 A T46 4 M M 2 H5

GAS WELDING WIRE

CCMS

STOCK CODE	SIZE
XP10600	1.6 mm x 5.0 kg
XP10603	2.4 mm x 5.0 kg
XP10606	3.2 mm x 5.0 kg

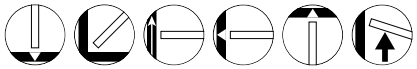
CHEMICAL COMPOSITION

	C	Mn	Si			
%	0.08	0.50	0.10			

MECHANICAL PROPERTIES (ALL WELD MATERIAL)

0.2% Proof Stress Rp 0.2%	≥260MPa
Tensile strength Rm	≥360MPa
Elongation 4d/5d	≥20%

WELDING POSITIONS



CURRENT TYPE

- DC+

KEY FEATURES

- Suitable for joining tubes and plates. Highly fluid weld metal.

STANDARDS

- EN ISO 20378: I
- AWS A5.2: R45

TUNGSTEN ELECTRODES

2% Thoriated Tungsten Electrodes

- Composition: 98% Tungsten, 2% Thorium.
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium.
- Specialty: AC Welding on thin gauge Aluminum 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	SIZE
1.0MM 2%	1.0mm x 150mm
1.2MM 2%	1.2mm x 150mm
1.6MM 2%	1.6mm x 150mm
2.0MM 2%	2.0mm x 150mm
2.4MM 2%	2.4mm x 150mm
3.2MM 2%	3.2mm x 150mm
4.0MM 2%	4.0mm x 150mm
4.8MM 2%	4.8mm x 150mm
6.4MM 2%	6.4mm x 150mm

2% THORIATED TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.0MM 2%/175	1.0mm x 175mm
1.2MM 2%/175	1.2mm x 175mm
1.6MM 2%/175	1.6mm x 175mm
2.0MM 2%/175	2.0mm x 175mm
2.4MM 2%/175	2.4mm x 175mm
3.2MM 2%/175	3.2mm x 175mm
4.0MM 2%/175	4.0mm x 175mm
4.8MM 2%/175	4.8mm x 175mm
6.4MM 2%/175	6.4mm x 175mm

Pure Tungsten Electrodes

- Composition: 99.9% Tungsten.
- Application: AC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium.
- Specialty: 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	SIZE
1.6MM P	1.6mm x 150mm
2.0MM P	2.0mm x 150mm
2.4MM P	2.4mm x 150mm
3.2MM P	3.2mm x 150mm

PURE TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.6MM P/175	1.6mm x 175mm
2.0MM P/175	2.0mm x 175mm
2.4MM P/175	2.4mm x 175mm
3.2MM P/175	3.2mm x 175mm

1% Lanthanated Tungsten Electrodes

- Composition: 99% Tungsten, 1% Lanthanum.
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium.
- Specialty: Maintains a point well and can be used with AC.

1% LANTHANUM TUNGSTEN ELECTRODES 150MM

STOCK CODE	SIZE
1.6MM L	1.6mm x 150mm
2.0MM L	2.0mm x 150mm
2.4MM L	2.4mm x 150mm

1% LANTHANUM TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.6MM L/175	1.6mm x 175mm
2.0MM L/175	2.0mm x 175mm
2.4MM L/175	2.4mm x 175mm

2% Lanthanated Tungsten Electrodes

- Composition: 98% Tungsten, 2% Lanthanum.
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium.
- Specialty: Easy Ignition Low Power consumption both AC and DC Welding.

LANTHANUM TUNGSTEN ELECTRODES 150MM

STOCK CODE	SIZE
1.6MM L2	1.6mm x 150mm
2.4MM L2	2.4mm x 150mm

LANTHANUM TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.6MM L2/175	1.6mm x 175mm
2.4MM L2/175	2.4mm x 175mm

TUNGSTEN ELECTRODES

Gold Tungsten Electrodes (Lanthanum 1.5%)

- Composition: 98.5% Tungsten, 1.5% Lanthanum.
- Application: DC Welding on Carbon Steel, Stainless Steel, Nickel and Titanium.
- Specialty: 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	SIZE
1.6MM G	1.6mm x 150mm
2.0MM G	2.0mm x 150mm
2.4MM G	2.4mm x 150mm
3.2MM G	3.2mm x 150mm

GOLD TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.6MM G/175	1.6mm x 175mm
2.0MM G/175	2.0mm x 175mm
2.4MM G/175	2.4mm x 175mm
3.2MM G/175	3.2mm x 175mm

Zirconiated Tungsten Electrodes

- Composition: 99.2% Tungsten, 0.8% Zirconium.
- Application: AC Welding on Aluminum and Magnesium alloys.
- Specialty: A very stable arc whilst maintaining a balled tip.
- Note: Not recommended for DC Welding.

0.8% ZIRCONIATED TUNGSTEN ELECTRODES 150MM

STOCK CODE	SIZE
1.0MM Z	1.0mm x 150mm
1.6MM Z	1.6mm x 150mm
2.0MM Z	2.0mm x 150mm
2.4MM Z	2.4mm x 150mm
3.2MM Z	3.2mm x 150mm
4.0MM Z	4.0mm x 150mm
4.8MM Z	4.8mm x 150mm

0.8% ZIRCONIATED TUNGSTEN ELECTRODES 175MM

STOCK CODE	SIZE
1.0MM Z/175	1.0mm x 175mm
1.6MM Z/175	1.6mm x 175mm
2.0MM Z/175	2.0mm x 175mm
2.4MM Z/175	2.4mm x 175mm
3.2MM Z/175	3.2mm x 175mm
4.0MM Z/175	4.0mm x 175mm
4.8MM Z/175	4.8mm x 175mm

2% Ceriated Tungsten Electrodes

- Composition: 98% Tungsten, 2% Cerium.
- Application: DC Welding.
- Specialty: DC welding at low current settings but can be used fully in AC processes, Orbital tube and pipe fabricating applications, thin sheet metal work and intricate welding.
- Note: Not recommended for High Amperage welding.

2% CERIATED TUNGSTEN ELECTRODES 150MM

STOCK CODE	SIZE
1.6MM C	1.6mm x 150mm
2.0MM C	2.0mm x 150mm
2.4MM C	2.4mm x 150mm
3.2MM C	3.2mm x 150mm
4.0MM C	4.0mm x 150mm
4.8MM C	4.8mm x 150mm

2% CERIATED TUNGSTEN ELECTRODES 175MM

STOCK CODE	DESCRIPTION
1.6MM C/175	1.6mm x 175mm
2.0MM C/175	2.0mm x 175mm
2.4MM C/175	2.4mm x 175mm
3.2MM C/175	3.2mm x 175mm
4.0MM C/175	4.0mm x 175mm
4.8MM C/175	4.8mm x 175mm

3 Element Tungsten Electrodes

- Composition: 98.34% Tungsten, 1.5% Lanthanum, 0.08% Zirconium, 0.08% Yttrium.
- Application: AC and DC welding applications.
- Specialty: Repeated arc striking whilst maintaining a point.
- Note: Alternative for Thoriated and Zirconiated Tungsten's Electrodes.

3 ELEMENT TUNGSTEN ELECTRODES 150MM

STOCK CODE	DESCRIPTION
1.0MM 3	1.0mm x 150mm
1.6MM 3	1.6mm x 150mm
2.0MM 3	2.0mm x 150mm
2.4MM 3	2.4mm x 150mm
3.2MM 3	3.2mm x 150mm

3 ELEMENT TUNGSTEN ELECTRODES 175MM

STOCK CODE	DESCRIPTION
1.0MM 3/175	1.0mm x 175mm
1.6MM 3/175	1.6mm x 175mm
2.0MM 3/175	2.0mm x 175mm
2.4MM 3/175	2.4mm x 175mm
3.2MM 3/175	3.2mm x 175mm

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