



parweld
WELDING THE FUTURE

PRODUCT CATALOGUE

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ISSUE 1

XP8

when productivity counts

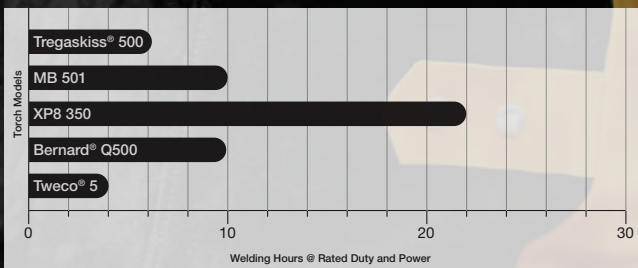
Designed around today's production environment, modern welding techniques and equipment, the XP8 sets new standards in design, innovation and performance.

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.



SETTING STANDARDS IN DESIGN & PERFORMANCE



WHAT MAKES THE XP8 SPECIAL?

XP8 WILL:

Reduce consumable consumption by up to 70%

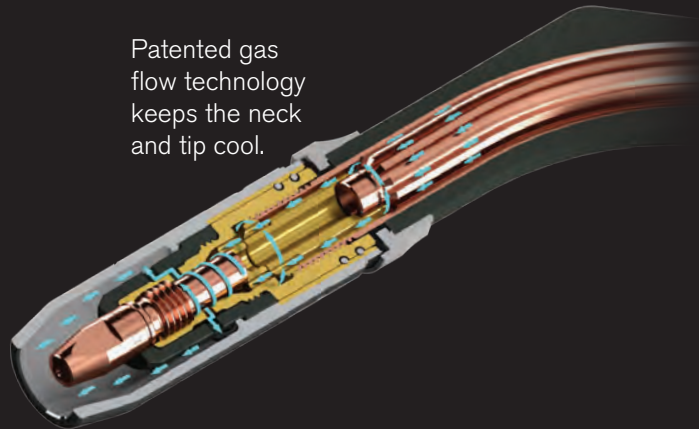
Reduce welder downtime by up to 50%

OUT PERFORM YOUR CURRENT TORCH

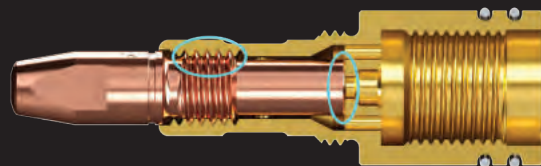


Fully rotating neck available in a range of different lengths for multi-positional welding in those limited access, difficult to reach locations.

Patented gas flow technology keeps the neck and tip cool.



Wide range of configuration options available, including a fully rotating neck to comfortably weld at any angle, see page 19.



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



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?

MODEL	MIXED GAS (80/20)			
	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 CO₂ in the shielding gas, the better the performance.

MODEL	MIXED GAS (80/20)		MIXED GAS (95/5)		100% CO ₂	
	AMPS	KW	AMPS	KW	AMPS	KW
XP8-200A	200	6.0	200	6.0	260	7.8
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.

MODEL	STEEL (80/20)		ALUMINIUM (100% AR)		CORED (18/20)	
	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.

MODEL	MIXED GAS (95/5)		
	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 & is calculated as follows:

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

$$1000$$

(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.



NOZZLES
Self insulated.

CONTACT TIPS
Smooth wire feed.
Force cooling for longer life span.

MACHINE END SYSTEMS

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

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.

TRIGGER

Encapsulated trigger extends service life.
Thumb rest offers additional comfort.

TRIGGER GUARD

Further reduces the risk of unintentional activation and damage.

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.

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.

BALL JOINT SYSTEM

High flex system for maximum manoeuvrability.

BACK END

Greater protection for cables and hoses.

WATER COOLED CONNECTIONS

Improved water hose connector to withstand flexing and bending.



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.

NEW

NECK LINERS

Quick change with dedicated neck liners.

CONDUCTOR

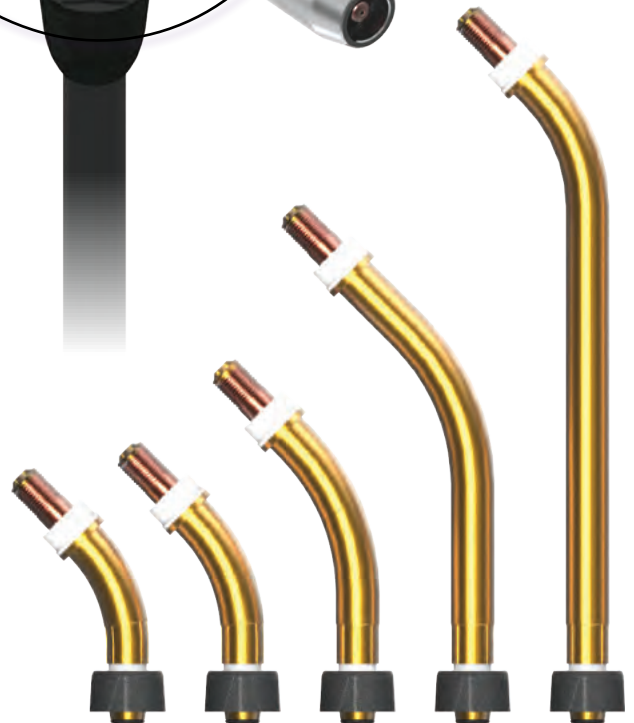
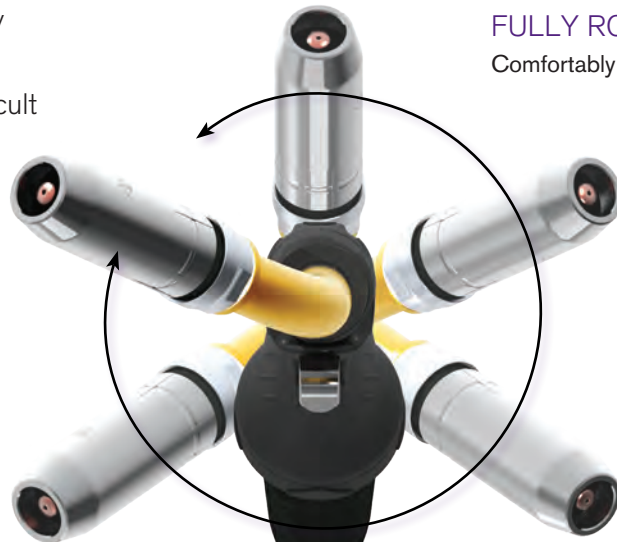
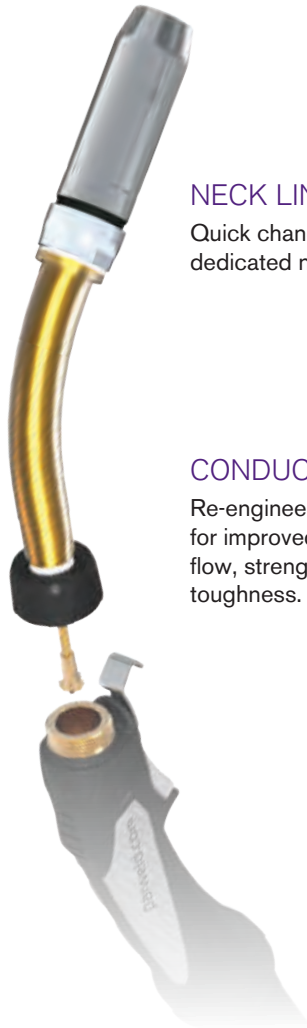
Re-engineered for improved gas flow, strength and toughness.

OPTIONS

Wide range of necks available in various combinations of length and bend for both air and water cooled models.

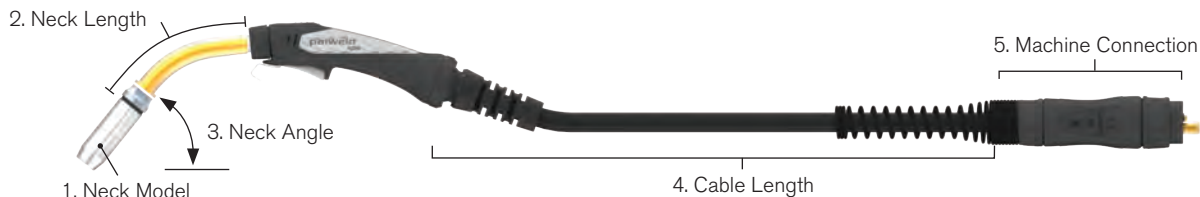
Available in angles from straight to 80°.

Available in neck lengths from 4" to 18".





HOW TO ORDER - ROTATING TORCH PACKAGE



Package Stock Code Example:

Example of a torch stock code is given below

XP8 350A rotating neck, 12" long x 45° bend, 4 metre long cable and Euro machine connection.

XP35 R 2 4-40E

1. NECK MODEL		TORCH TYPE		2. NECK LENGTH		3. NECK ANGLE		4. CABLE LENGTH		5. MACHINE CONNECTION	
STOCK CODE	MODEL	STOCK CODE	DESCRIPTION	STOCK CODE	LENGTH	STOCK CODE	ANGLE	STOCK CODE	LENGTH	STOCK CODE	TYPE
XP35	XP8 350A	R	Rotating Neck	3	89mm (3.5")	0	Straight	30	3m (10ft)	E	Euro
XP40	XP8 400A			4	102mm (4")	5	5°	40	4m (13ft)	M	Miller®
XP45	XP8 450W			5	114mm (4.5")	3	30°	50	5m (16ft)	N	NAS
				6	153mm (6")	4	45°			H	Hobart®
				9	229mm (9")	6	60°			L	Lincoln®
				2	305mm (12")	8	80°			T	Tweco®
				8	457mm (18")						

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

LENGTH	MODEL: XP8 350A/400A						MODEL: XP8 450W						
	STRAIGHT	ANGLE					STRAIGHT	ANGLE					
	180°	5°	30°	45°	60°	80°	180°	5°	30°	45°	60°	80°	
3.5" 89mm	XP350AR30						XP450WR30						
4" 102mm	XP350AR40	XP350AR41	XP350AR43	XP350AR45			XP450WR40	XP450WR41	XP450WR43	XP450WR45			
4.5" 114mm	XP350AR50	XP350AR51	XP350AR53	XP350AR55			XP450WR50	XP450WR51	XP450WR53	XP450WR55			
6" 153mm	XP350AR60	XP350AR61	XP350AR63	XP350AR65*	XP350AR66		XP450WR60	XP450WR61	XP450WR63	XP450WR65*	XP450WR66		
9" 229mm	XP350AR90	XP350AR91	XP350AR93	XP350AR95	XP350AR96	XP350AR98	XP450WR90	XP450WR91	XP450WR93	XP450WR95	XP450WR96	XP450WR98	
12" 305mm	XP350AR20			XP350AR25			XP450WR20			XP450WR25			
18" 457mm	XP350AR80			XP350AR85			XP450WR80			XP450WR85			

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 164 - 165 for more information.



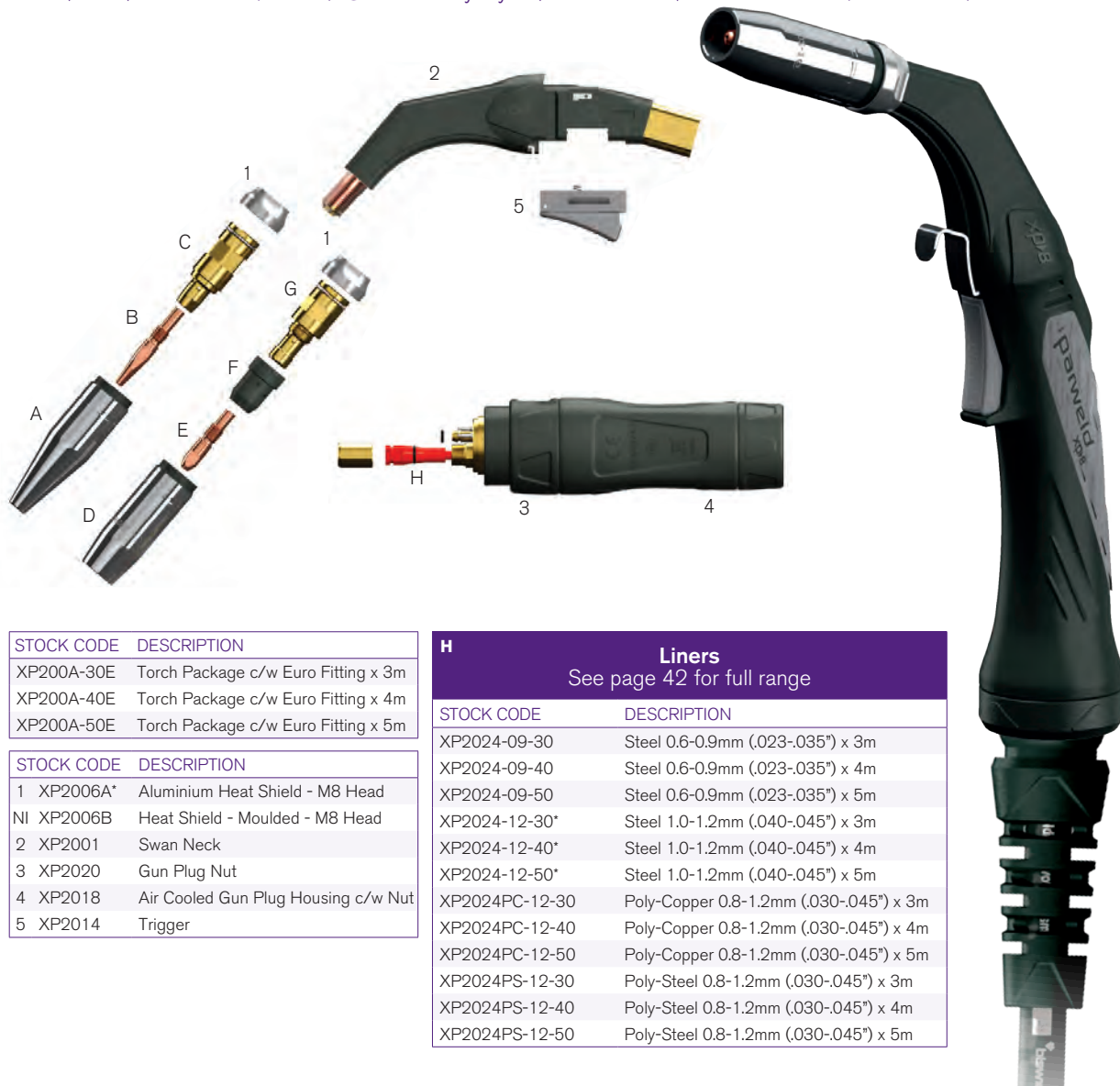
		XP8 200A	XP8 300A	XP8 320W	XP8 350A	XP8 400A	XP8 450W
STOCK CODE	3m	XP200A-30E	XP300A-30E	XP320W-30E	XP350A-30E	XP400A-30E	XP450W-30E
	4m	XP200A-40E	XP300A-40E	XP320W-40E	XP350A-40E	XP400A-40E	XP450W-40E
	5m	XP200A-50E	XP300A-50E	XP320W-50E	XP350A-50E	XP500A-50E	XP450W-50E
COOLING		Air	Air	Water	Air	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 42 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 164 - 165 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")
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E

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

Extended Nozzles

F

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
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* Denotes standard build

ROLL MARKING

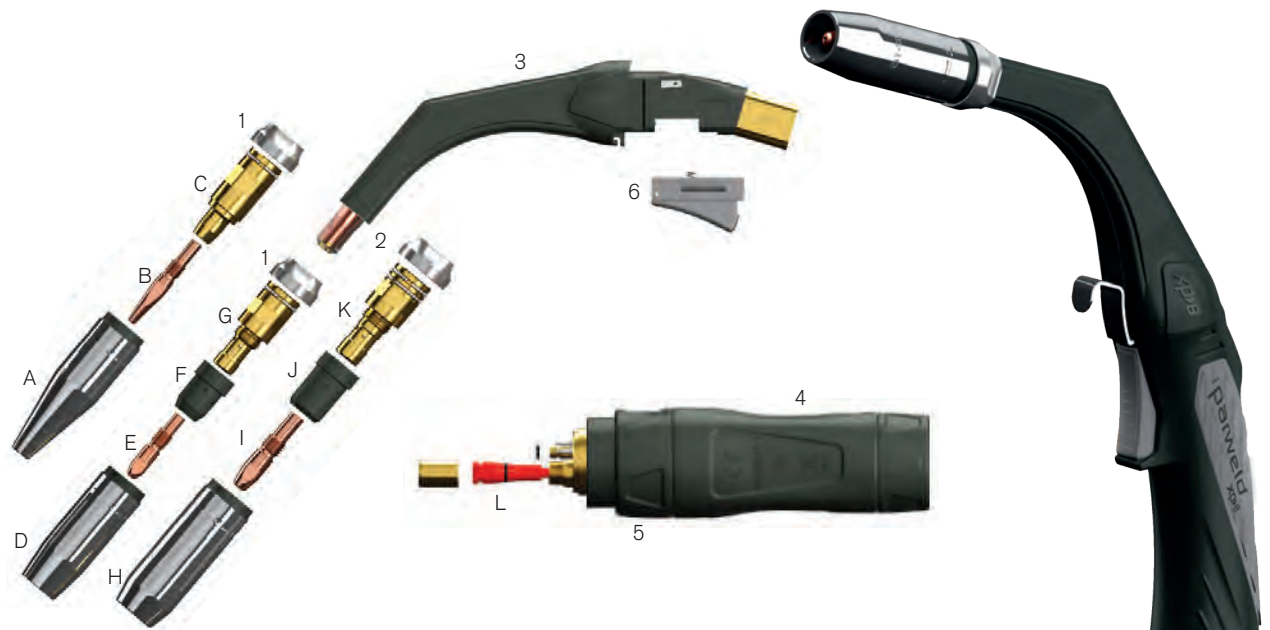
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



XP8 300A

AIR COOLED MIG TORCH

300A, 8.7kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 42 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 164 - 165 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
XP2003-08T	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

STOCK CODE	STYLE	BORE
XP2002-10	Tapered	10mm (3/8")

E

STOCK CODE	STYLE	BORE
XP2002-13	Tapered	13mm (1/2")

F

STOCK CODE	STYLE	BORE
XP2002-16*	Conical	16mm (5/8")

G

STOCK CODE	STYLE	BORE
XP2002-19	Cylindrical	19mm (3/4")

Extended Nozzles

H

STOCK CODE	STYLE	BORE
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
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* Denotes standard build

ROLL MARKING

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

Nozzles

H

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

Extended Nozzles

I

STOCK CODE	STYLE	BORE
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

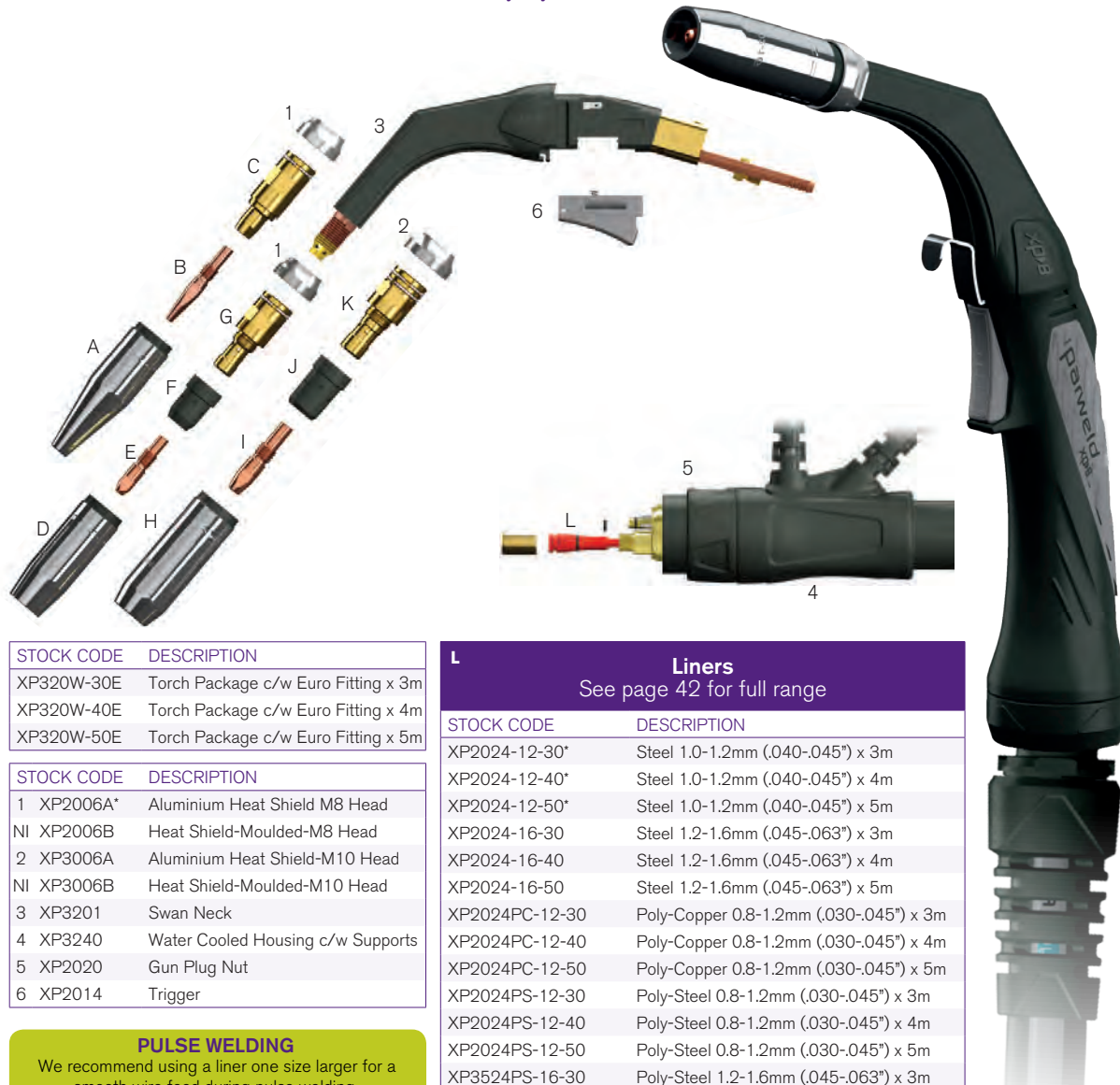
XP3005	M10
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XP8 320W

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 42 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 164 - 165 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
XP2003-08T	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")
-----------	---------	-------------

E

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

Extended Nozzles

F

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

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

Extended Nozzles

I

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 (1/16")	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

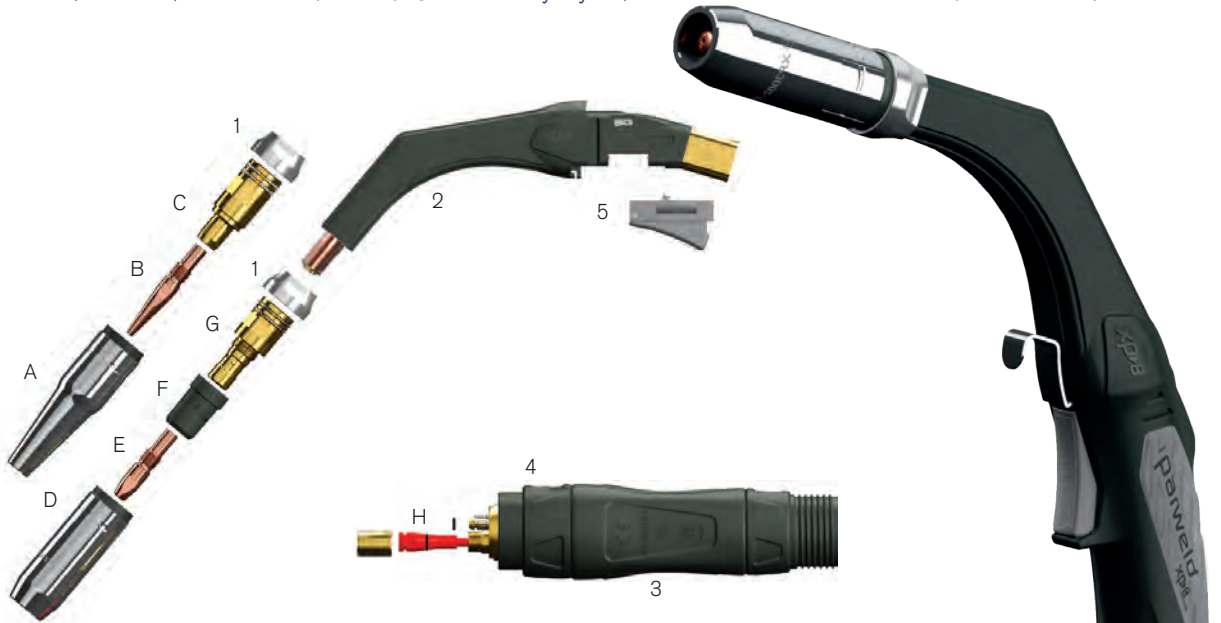
XP3005	M10
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XP8 350A

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

H Liners	
See page 42 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

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

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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 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

E

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
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Parweld Glove Leather Reflective Heat Shield Protection for intense welding environments. Go to page 363 for more information.

* Denotes standard build

ROLL MARKING

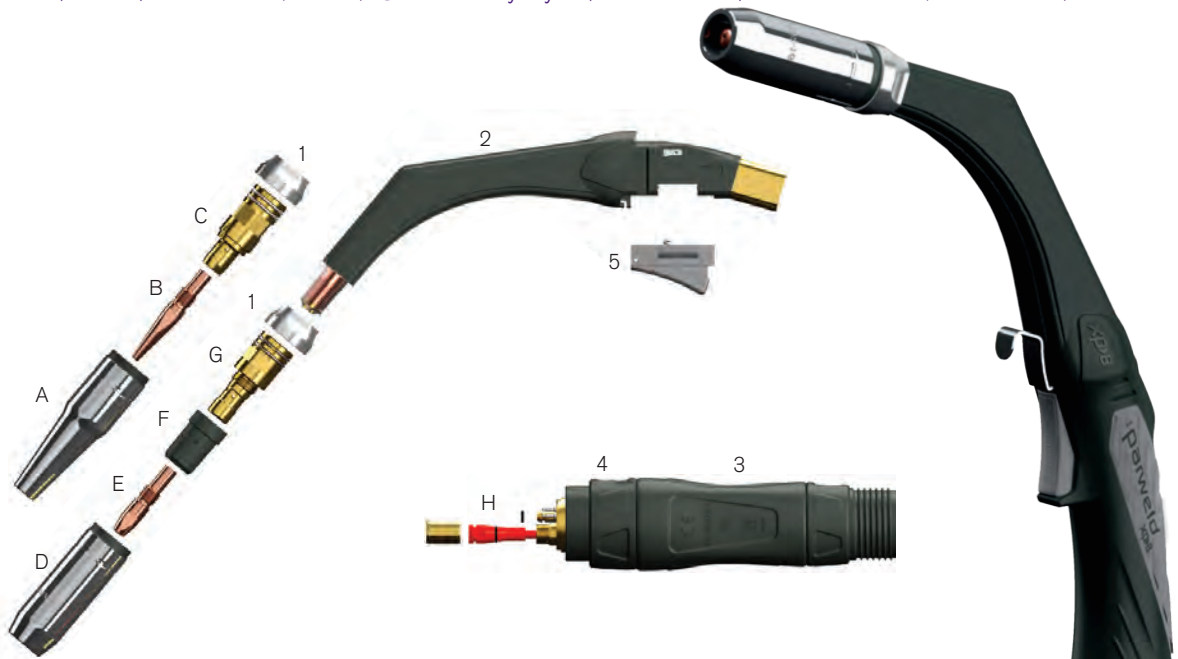
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



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

H Liners	
See page 42 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 164 - 165 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com 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
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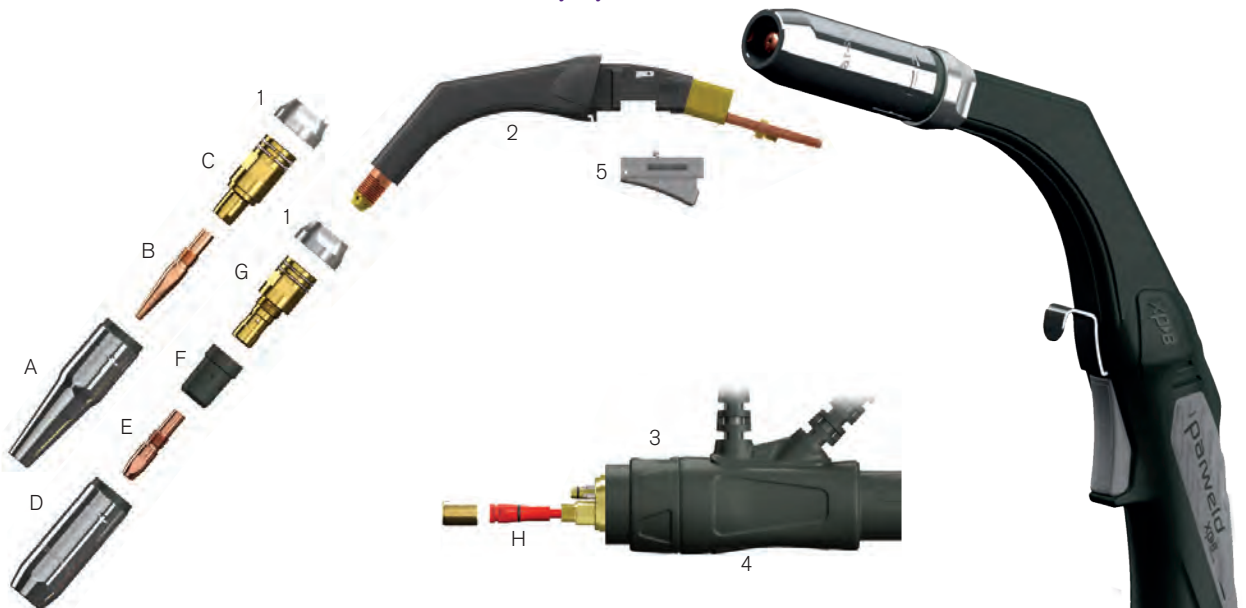
ROLL MARKING

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

H Liners	
See page 42 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-.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
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 164 - 165 for more information.

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com 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
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ROLL MARKING

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



PUSH PULL - KEY FEATURES

Our all **NEW** 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.

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.



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.

SAME EXCEPTIONAL XP8 QUALITY & PERFORMANCE

NEW

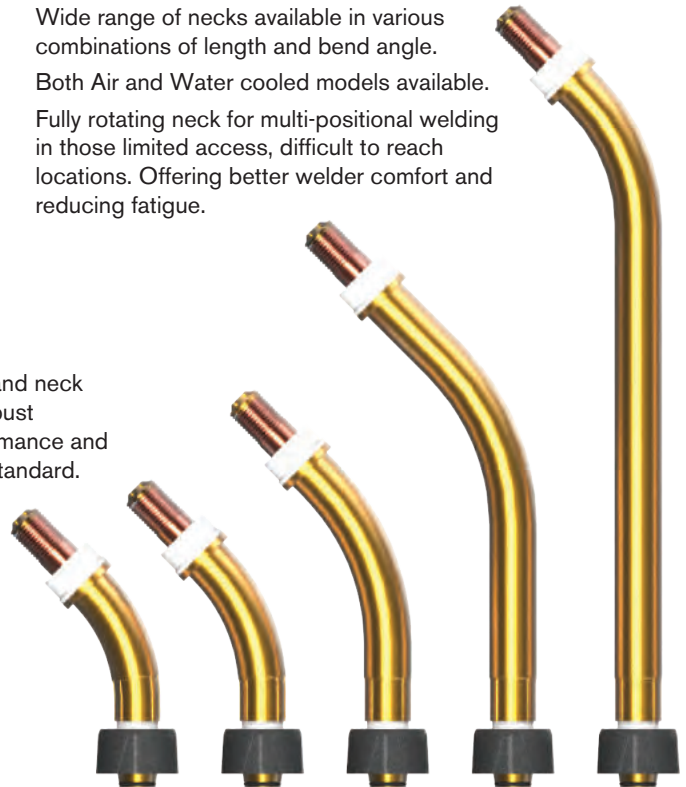


OPTIONS

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.



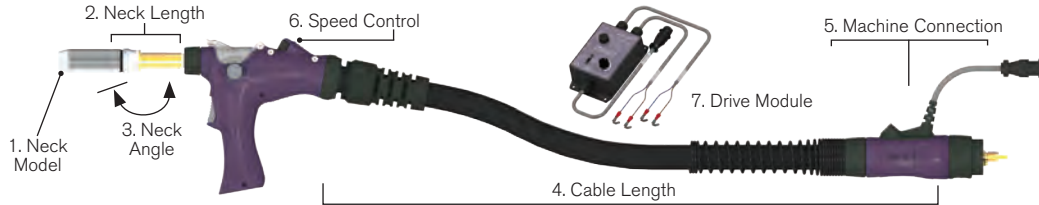
REMOTE FEED RATE CONTROL

Option torch mounted variable wire feed rate control.





HOW TO ORDER - XP8 PUSH PULL



Package Stock Code Example:

XP8 350A push pull, 3.5" long x straight bend, 8m (26ft) long cable, Euro machine connection with a torch mounted remote speed control and universal driver module.

XP35 P 35 00 - 80 E R U

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

2. NECK LENGTH	
STOCK CODE	LENGTH
35	89mm (3.5")
40	102mm (4")
45	114mm (4.5")
60	153mm (6")
90	229mm (9")
12	305mm (12")
18	457mm (18")

3. NECK ANGLE	
STOCK CODE	ANGLE
00	Straight
05	5°
30	30°
45	45°
60	60°
80	80°

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

6. SPEED CONTROL	
STOCK CODE	DESCRIPTION
	No Remote Speed Control
R	Torch Mounted Remote Speed Control

7. 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

TORCH TYPE	
STOCK CODE	DESCRIPTION
P	Push Pull

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

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

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)

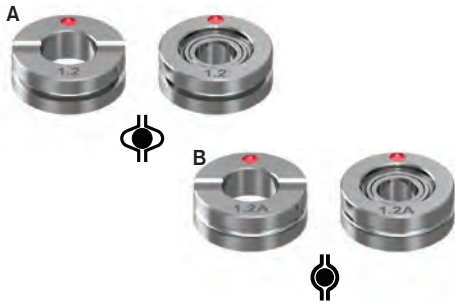
XP8 PUSH PULL TORCH RANGE



NEW

		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, 9.0 kW	450A, 15.8 kW
	100% CO ₂	425A, 14.9 kW	450A, 15.8 kW
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

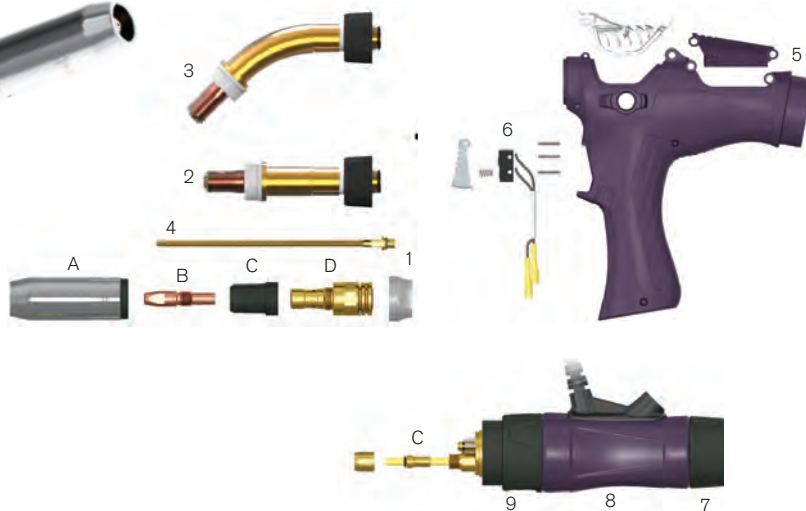


XP8 350A PP

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

AVAILABLE 2019



STOCK CODE	6M	8M	10M	DESCRIPTION
XP35P3500	-60E	-80E	-10E	35° x 180° Neck, Euro
XP35P3500	-60ER	-80ER	-10ER	35° x 180° Neck, Remote, Euro
XP35P4545	-60E	-80E	-10E	45° x 45° Neck, Euro
XP35P4545	-60ER	-80ER	-10ER	45° 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, 35° x 180°
3 XP350AR54	XP8 350A Swan Neck, 45° 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

C Liners	
See page 42 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 164 - 165 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

DRIVE MODULE OPTIONS

See pages 36 for more information.

WIRE ROLL SETS

See pages 37 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"-1/16") wires

AVAILABLE 2019



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, .08-1.2mm (.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

C Liners	
See page 42 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 .06-0.9mm (.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 164 - 165 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

DRIVE MODULE OPTIONS
See pages 36 for more information.

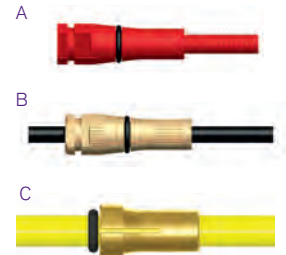
WIRE ROLL SETS
See pages 37 for more information.

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							■	■



■ 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

parweld
WELDING THE FUTURE

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.

parweld
PANTHER

P3825
SIZE 10

CE

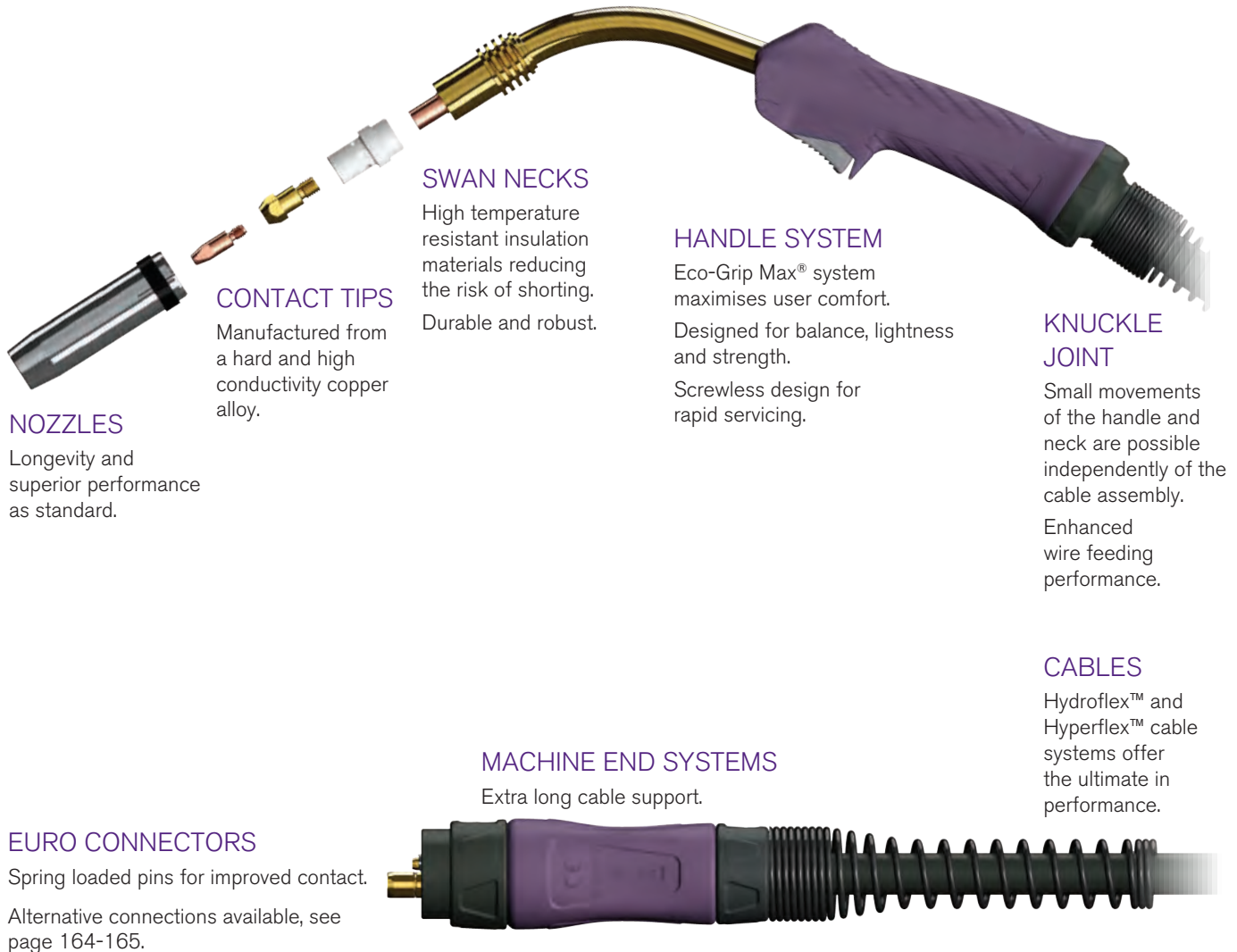
EN 1077
TYPE A

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.

MACHINE END SYSTEMS

Extra long cable support.

CABLES

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

EURO CONNECTORS

Spring loaded pins for improved contact.
Alternative connections available, see page 164-165.

DIRECT FIT - ECO-GRIP MAX[®] 150A

Parweld Replacement torches for the original fitments on Kemppi[®], ESAB[®] and Migatronic[®] portable MIG welders.

Torch suitable for ESAB[®] I Caddy, MIG C160i, C200i

Part Number: ECR1500-30ES
For consumables, see page 48.



Torch suitable for Kemppi[®] Mini Arc M16

Part Number: ECR1500-30KE
For consumables, see page 48.



Torch suitable for Migatronic[®] Rally MIG

Part Number: ECR1500-30MI
For consumables, see page 48.





BZL - ECO-GRIP MAX[®] TORCH RANGE

ALTERNATIVE ENDS AVAILABLE

See pages 164 - 165 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"-0.40")	0.8mm-1.2mm (.030"-0.45")	0.8mm-1.2mm (.030"-0.45")	0.8mm-1.2mm (.030"-0.45")	0.8mm-1.2mm (.030"-0.45")	0.8mm-1.2mm (.030"-0.45")	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.

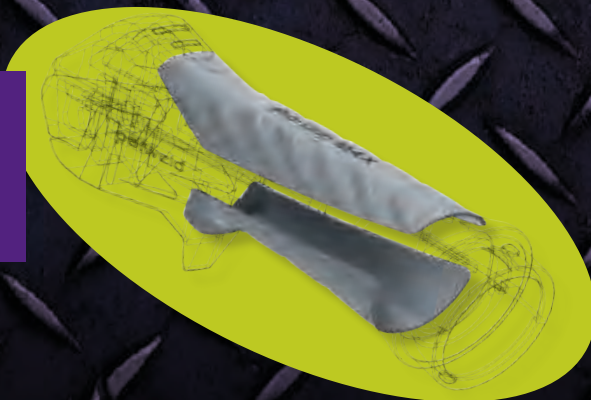
**PRO-GRIP[®]
TWC AND
BND MIG
TORCHES NOW
AVAILABLE**

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.



For Pro-Grip Max[®] TIG, go to page 182.

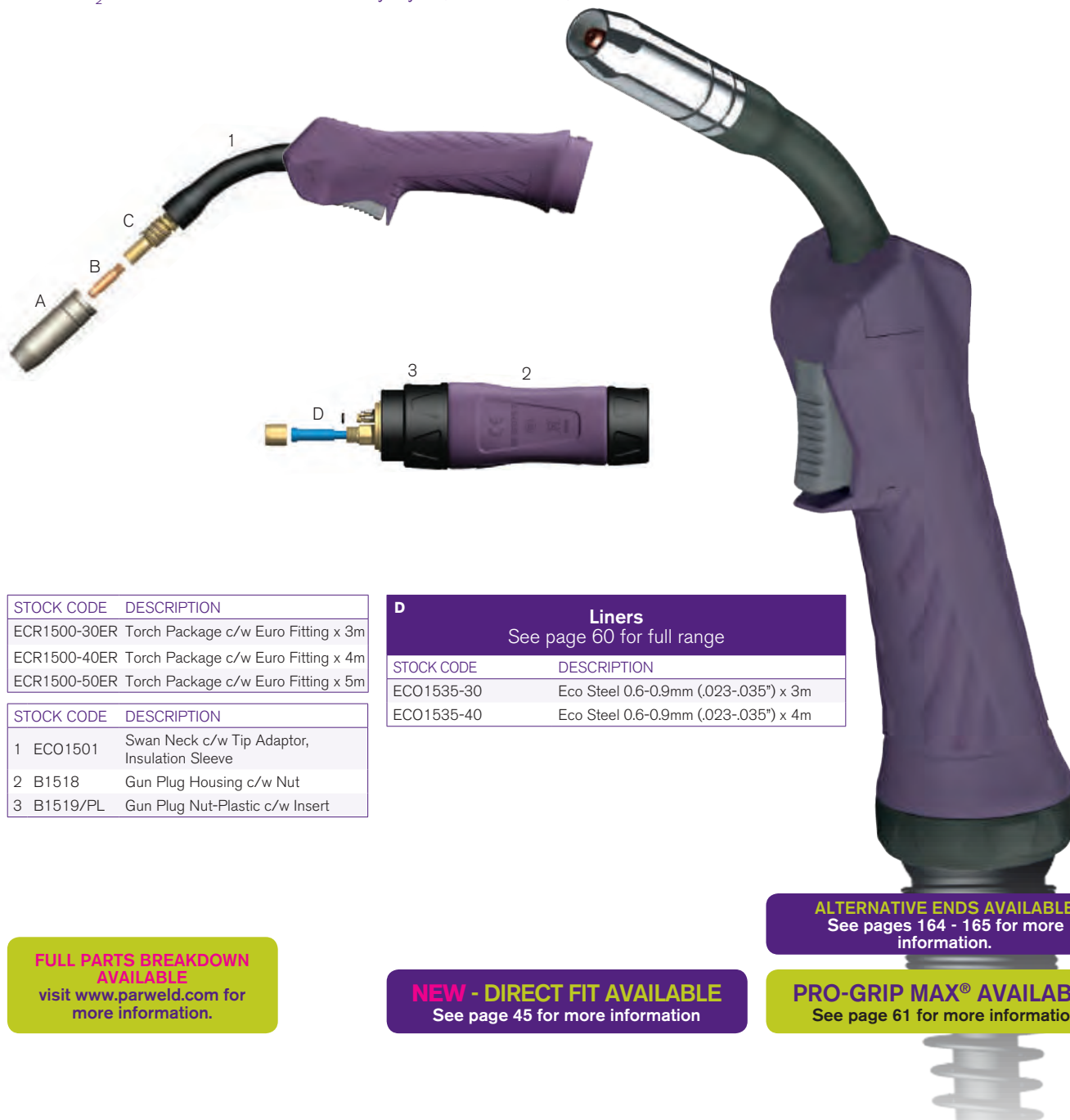
For Pro-Grip Max[®] Plasma, go to page 264.



ECO-GRIP MAX[®] 150A

AIR COOLED MIG TORCH

140A CO₂ 140A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-1.0mm (.023"-0.040") 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

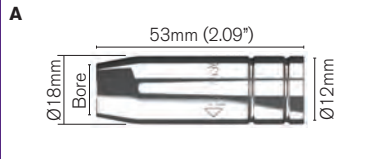
D Liners	
See page 60 for full range	
STOCK CODE	DESCRIPTION
ECO1535-30	Eco Steel 0.6-0.9mm (.023-.035") x 3m
ECO1535-40	Eco Steel 0.6-0.9mm (.023-.035") x 4m

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

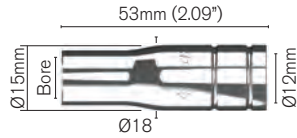
NEW - DIRECT FIT AVAILABLE
See page 45 for more information

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

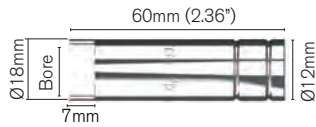
PRO-GRIP MAX[®] AVAILABLE
See page 61 for more information

Nozzles


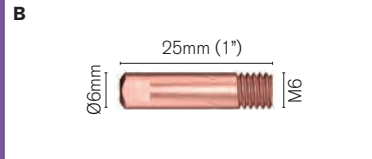
STOCK CODE	STYLE	BORE
ECO1530*	Eco Conical	12mm (15/32")
B1529	Cylindrical	16mm (5/8")
B1531	Tapered	11mm (7/16")



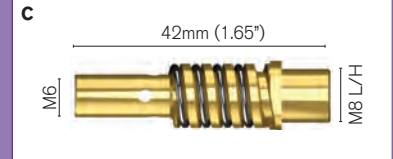
B1532	Bottle	13mm (1/2")
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B1533	Spot	16mm (5/8")
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Contact Tips


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


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.



ECO-GRIP MAX[®] 240A

AIR COOLED MIG TORCH

200A CO₂ 170A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 60 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 45 for more information

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

PRO-GRIP MAX[®] AVAILABLE
See page 61 for more information

Nozzles

A

64mm (2.36")

Bore

Ø17mm

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

Contact Tips

B

28mm (1.10")

Ø8mm

M6

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

26mm (1.02")

M6

M6

STOCK CODE	TIP THREAD
B2412	M6

Gas Diffusers

D

20mm (.79")

Ø9mm

11240

Ø14mm

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.



ECO-GRIP MAX[®] 250A

AIR COOLED MIG TORCH

184A CO₂, 160A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 60 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 164 - 165 for more information.

PRO-GRIP MAX[®] AVAILABLE
See page 61 for more information

FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com 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.



ECO-GRIP MAX[®] 360A

AIR COOLED MIG TORCH

240A CO₂ 216A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 60 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 164 - 165 for more information.

PRO-GRIP MAX[®] AVAILABLE
See page 61 for more information

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

Nozzles

A

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

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

* Denotes standard build

ROLL MARKING

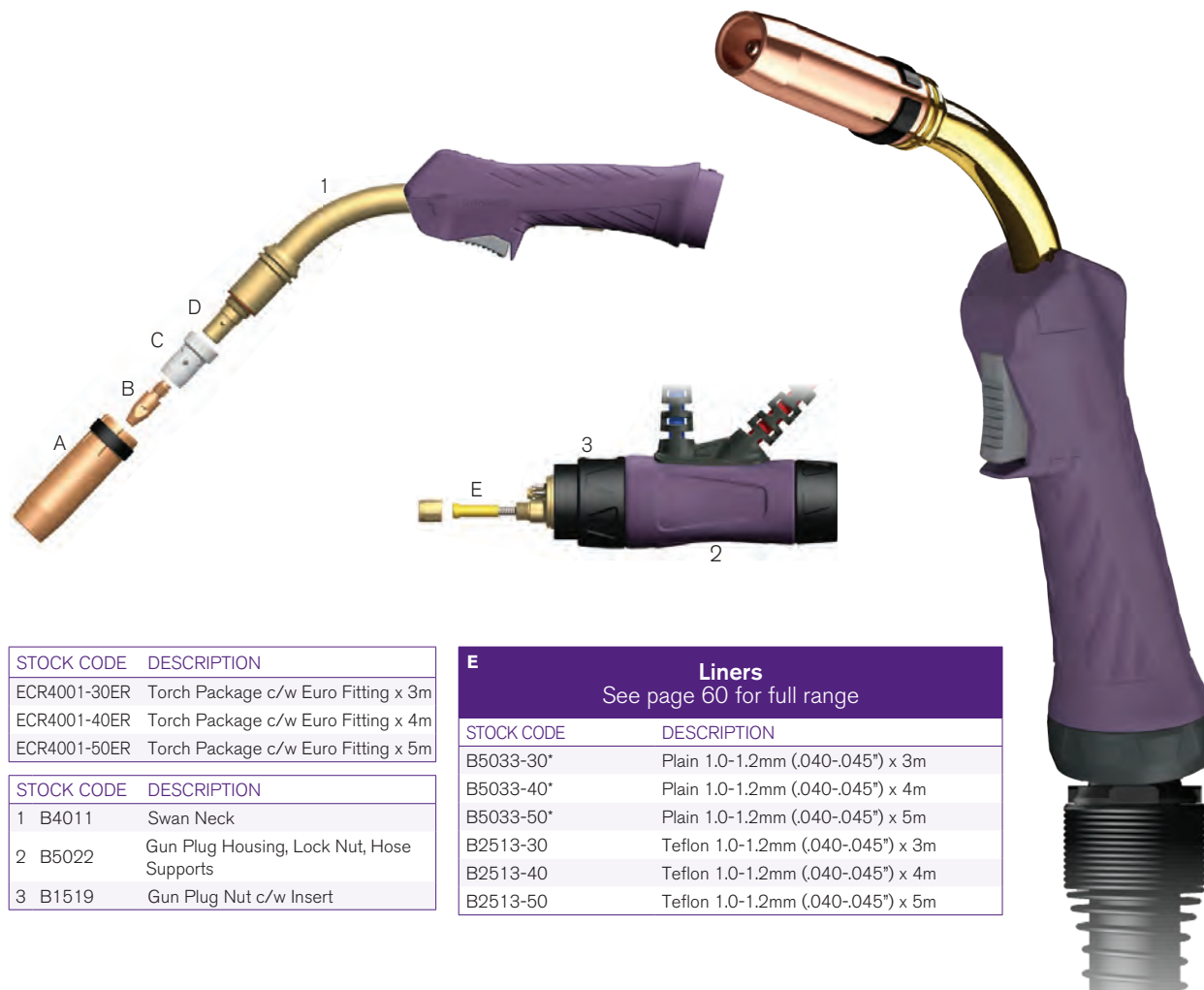
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



ECO-GRIP MAX[®] 401W

WATER COOLED MIG TORCH

400A CO₂ 350A Mixed Gas @ 100% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 60 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 164 - 165 for more information.

PRO-GRIP MAX[®] AVAILABLE
See page 61 for more information

A

Nozzles

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

B

Contact Tips

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

C

Diffusers

STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

D

Tip Adaptor

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.



ECO-GRIP MAX[®] 501W

WATER COOLED MIG TORCH

400A CO₂ 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 60 for full range	
STOCK CODE	DESCRIPTION
B4033-30	Plain 2.0-2.4mm (.080-.090") x 3m
B4033-40	Plain 2.0-2.4mm (.080-.090") x 4m
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 164 - 165 for more information.

PRO-GRIP MAX[®] AVAILABLE
See page 61 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

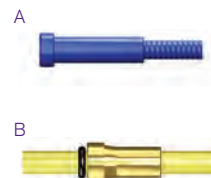
* Denotes standard build

ROLL MARKING

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

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"-0.035")	■	■	■	■	□	□
		ECO1535-40	4m	0.6mm-0.9mm (.023"-0.035")	■	■	■	■	□	□
		B1535-50	5m	0.6mm-0.9mm (.023"-0.035")	■	■	■	■	□	□
B	Teflon	B1536-30++	3m	0.6mm-0.9mm (.023"-0.035")	■	■	■	■	□	□
		B1536-40++	4m	0.6mm-0.9mm (.023"-0.035")	■	■	■	■	□	□
		B1536-50++	5m	0.6mm-0.9mm (.023"-0.035")	■	■	■	■	□	□
A	Steel	ECO/B2524-30	3m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	□	□
		ECO/B2524-30	4m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	□	□
		B2524-50	5m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	□	□
B	Teflon	B2513-30++	3m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	■	■
		B2513-30++	4m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	■	■
		B2513-30++	5m	1.0mm-1.2mm (.040"-0.045")	□	■	■	■	■	■
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"-0.045")					■	■
		B5033-40	4m	1.0mm-1.2mm (.040"-0.045")					■	■
		B5033-50	5m	1.0mm-1.2mm (.040"-0.045")					■	■
A	Plain	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"-0.045")	■	■	■	■	□	□
		B1564-40++	4m	0.8mm-1.2mm (.030"-0.045")	■	■	■	■	□	□
		B1564-50++	5m	0.8mm-1.2mm (.030"-0.045")	■	■	■	■	□	□
B	Polyamide	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	Polyamide	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"-0.045")	■	■	■	■	□	□
		B2554-40++	4m	1.0mm-1.2mm (.040"-0.045")	■	■	■	■	□	□
		B2554-50++	5m	1.0mm-1.2mm (.040"-0.045")	■	■	■	■	□	□
B	Carbon Teflon	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")	□	■	■	■	■	■



■ 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"-0.045")
 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.

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.

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.

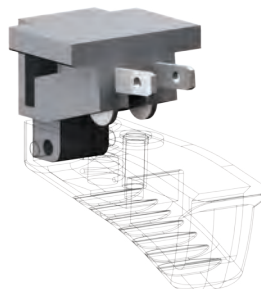
HANDLE SYSTEM

The ergonomically superior Pro-Grip Max[®] system maximises user comfort.

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

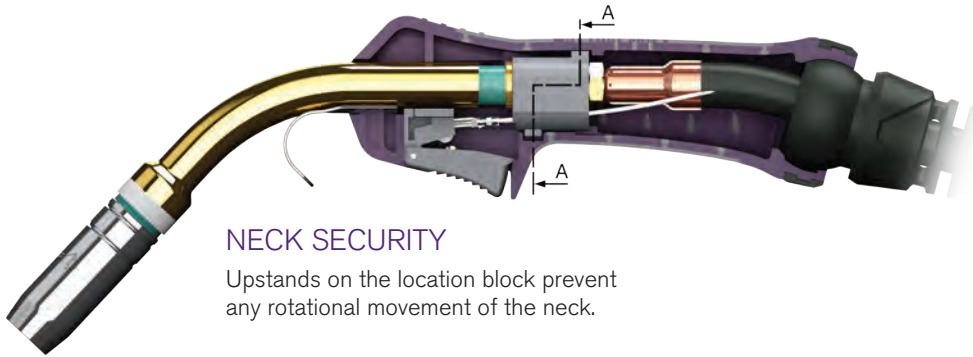
Designed for balance, lightness and strength and enhanced wire feeding performance.

Screwless design for rapid servicing.



SECURE CONTACTS

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

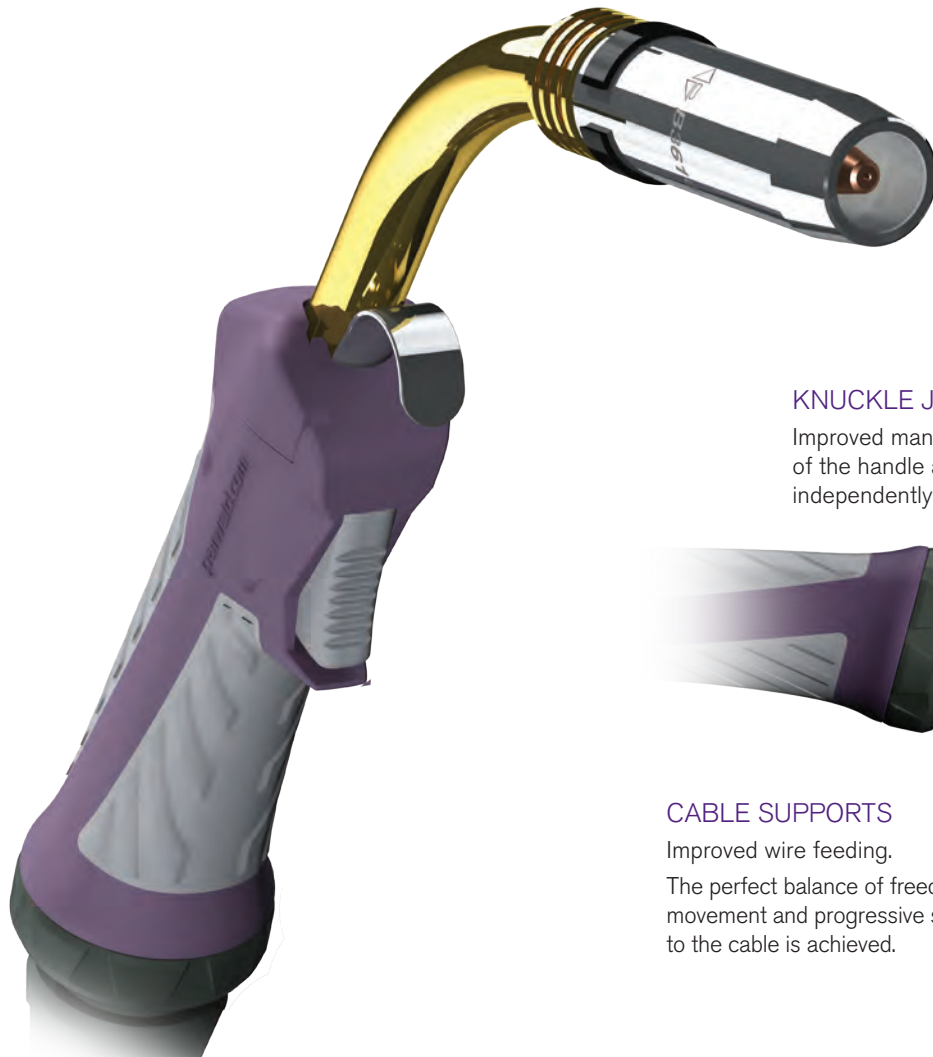


NECK SECURITY

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.

NEW



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.



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.



XTM 201DI MULTI-PROCESS DIGITAL INVERTER

For the best use of this torch, we recommend using it with the XTM201Di Multi-Process Digital Inverter, for more information see page 316.

HOW TO ORDER

For complete torches with 2 or 4 button control, suffix the stock code with either 2 or 4. 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.

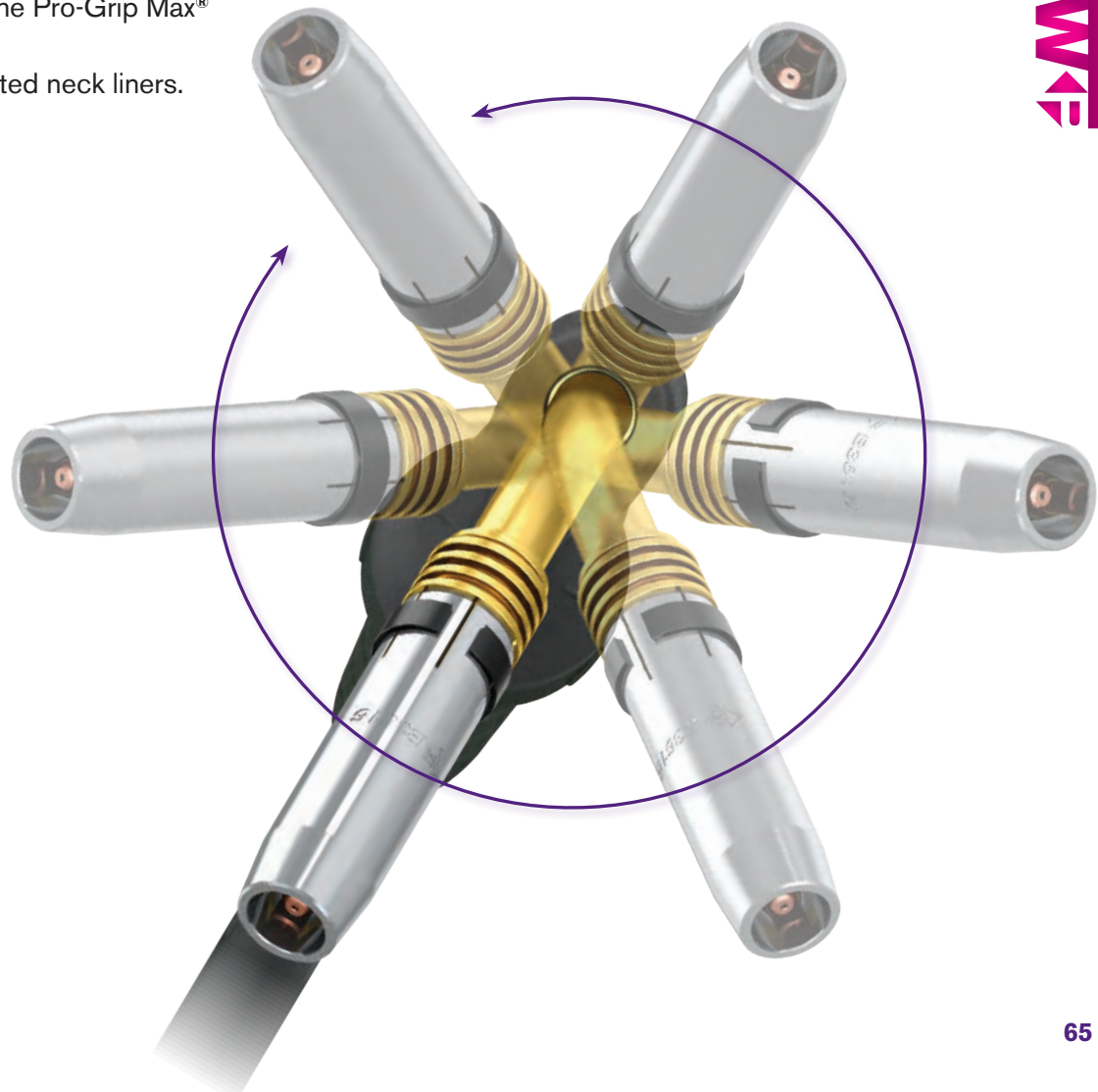
Increased comfort, reduced fatigue.

BZL DESIGN

Same quality features as the Pro-Grip Max[®] BZL Range.

Quick change with dedicated neck liners.

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





BZL - PRO-GRIP MAX[®] TORCH RANGE



		SB 120A	SB 140A	PRO-GRIP MAX [®] 150A	PRO-GRIP MAX [®] 150A FLEX	PRO-GRIP MAX [®] 240A
STOCK CODE	3M	B1200-30ER	B1400-30ER	PRO1500-30ER	PRO1500FX-30ER	PRO2400-30ER
	4M	B1200-40ER	B1400-40ER	PRO1500-40ER	PRO1500FX-40ER	PRO2400-40ER
	5M			PRO1500-50ER	PRO1500FX-50ER	PRO2400-50ER
COOLING	Air		Air	Air	Air	Air
RATING	140A CO ₂ 120A Mixed Gas @ 60%		160A CO ₂ 140A Mixed Gas @ 60%	180A CO ₂ 150A Mixed Gas @ 60%	180A CO ₂ 150A Mixed Gas @ 60%	250A CO ₂ 220A Mixed Gas @ 60%
WIRE SIZE	0.6mm-0.8mm (.023"-0.035")		0.6mm-0.9mm (.023"-0.035")	0.6mm-1.0mm (.023"-0.040")	0.6mm-1.0mm (.023"-0.040")	0.8mm-1.2mm (.030"-0.045")



		PRO-GRIP MAX[®] 250A	PRO-GRIP MAX[®] 250A FLEX	PRO-GRIP MAX[®] 260A	PRO-GRIP MAX[®] 240W	PRO-GRIP MAX[®] 360A
STOCK CODE	3M	PRO2500-30ER	PRO2500FX-30ER	PRO2600-30ER	PRO2400W-30ER	PRO3600-30ER
	4M	PRO2500-40ER	PRO2500FX-40ER	PRO2600-40ER	PRO2400W-40ER	PRO3600-40ER
	5M	PRO2500-50ER	PRO2500FX-50ER	PRO2600-50ER	PRO2400W-50ER	PRO3600-50ER
COOLING	Air		Air	Air	Water	Air
RATING	230A CO ₂ 200A Mixed Gas @ 60%		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")	0.8mm-1.2mm (.030"-.045")



BZL - PRO-GRIP MAX[®] TORCH RANGE



		PRO-GRIP MAX [®] 350W	PRO-GRIP [®] 380A	PRO-GRIP [®] 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"-0.045")	1.2mm-1.6mm (.045"-1/16")	1.0mm-2.4mm (.040"-3/32")	0.8mm-1.2mm (.030"-0.045")	0.8mm-1.2mm (.030"-0.045")	



		PRO-GRIP MAX[®] 501W	PRO-GRIP MAX[®] 501W EXT	PRO-GRIP[®] 550W	SB 501W AUTO
STOCK CODE	3M	PRO5000-30ER	PRO500L-30ER	B5500-30ER	B5000-20A (2M)
	4M	PRO5000-40ER	PRO500L-40ER	B5500-40ER	B5000-30A (3M)
	5M	PRO5000-50ER	PRO500L-50ER	B5500-50ER	B5000-40A (4M)
COOLING	Water	Water	Water Double Cooled	Water	
RATING	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")	0.8mm-1.6mm (.030"-1/16")	1.0mm-1.6mm (.040"-1/16")	



SB 120A

AIR COOLED MIG TORCH

140A CO₂ 120A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-0.8mm (.023"-0.030") Wires



STOCK CODE	DESCRIPTION
B1200-30ER	Torch Package c/w Euro Fitting x 3m
B1200-40ER	Torch Package c/w Euro Fitting x 4m

STOCK CODE	DESCRIPTION
1 B1401	Swan Neck
NI B1401-P	Swan Neck - Push on Nozzle
2 B1518	Gun Plug Housing c/w Spring Pins
3 B1519PL	Gun Plug Nut-Plastic c/w Insert

C Liners See page 114 for full range	
STOCK CODE	DESCRIPTION
B1435-30*	Steel 0.6-0.8mm (.023-.030") x 3m
B1435-40*	Steel 0.6-0.8mm (.023-.030") x 4m
B1436-30	Nylon 0.6-0.8mm (.023-.030") x 3m
B1436-40	Nylon 0.6-0.8mm (.023-.030") x 4m

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

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for more
information.

Nozzles

A

STOCK CODE	STYLE	BORE
B1430*	Conical	11mm (7/16")

Contact Tips

B

STOCK CODE	WIRE SIZE	MATERIAL
B1427-06*	0.6mm (.023")	ECu
B1427-08	0.8mm (.030")	ECu

ROLL MARKING

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

* Denotes standard build



SB 140A

AIR COOLED MIG TORCH

160A CO₂ 140A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-0.9mm (.023"-0.035") Wires



STOCK CODE	DESCRIPTION
B1400-30ER	Torch Package c/w Euro Fitting x 3m
B1400-40ER	Torch Package c/w Euro Fitting x 4m

STOCK CODE	DESCRIPTION
1 B1415	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-.030") x 3m
B1535-40*	Steel 0.6-0.9mm (.023-.030") x 4m
B1536-30	Teflon 0.6-0.9mm (.023-.030") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.030") x 4m

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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 150A

AIR COOLED MIG TORCH

180A CO₂ 150A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-1.0mm (.023"-0.040") Wires



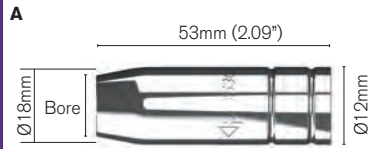
STOCK CODE	DESCRIPTION
PRO1500-30ER	Torch c/w Euro Fitting x 3m
PRO1500-40ER	Torch c/w Euro Fitting x 4m
PRO1500-50ER	Torch c/w Euro Fitting x 5m

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

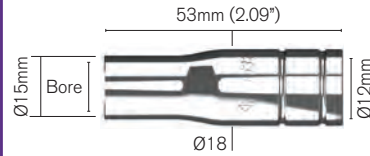
D Liners See page 114 for full range	
STOCK CODE	DESCRIPTION
B1535-30*	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40*	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50*	Steel 0.6-0.9mm (.023-.035") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.023-.035") x 4m
B1536-50	Teflon 0.6-0.9mm (.023-.035") x 5m

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

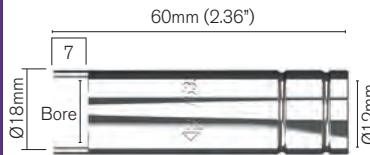
ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

Nozzles


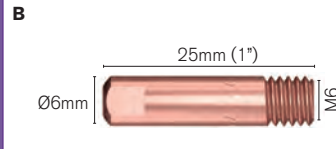
STOCK CODE	STYLE	BORE
B1529	Cylindrical	16mm (5/8")
B1530*	Conical	12mm (15/32")
B1531	Tapered	11mm (7/16")



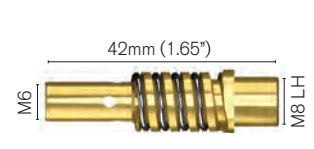
B1532	Bottle	13mm (1/2")
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B1533	Spot	16mm (5/8")
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Contact Tips


STOCK CODE	WIRE SIZE	MATERIAL
B1527-06	0.6mm (.023")	ECu
B1527-08*	0.8mm (.030")	ECu
B1527-09	0.9mm (.035")	ECu
B1527-10	1.0mm (.040")	ECu

Tip Adaptor


STOCK CODE	TIP THREAD
B1507 L/H	M6

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 150A FLEX

AIR COOLED MIG TORCH

180A CO₂, 150A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-1.0mm (.023"-0.040") Wires



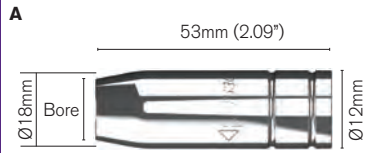
STOCK CODE	DESCRIPTION
PRO1500FX-30ER	Flex Torch c/w Euro Fitting x 3m
PRO1500FX-40ER	Flex Torch c/w Euro Fitting x 4m

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

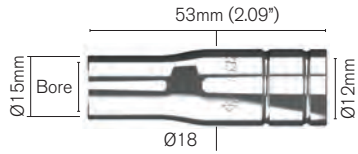
C Liners See page 114 for full range	
STOCK CODE	DESCRIPTION
B1535-30*	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40*	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50*	Steel 0.6-0.9mm (.023-.035") x 5m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m

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

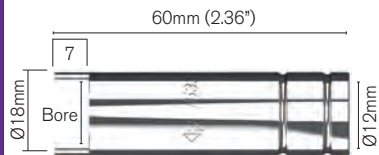
ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

Nozzles


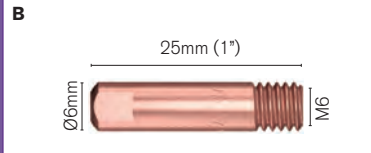
STOCK CODE	STYLE	BORE
B1529	Cylindrical	16mm (5/8")
B1530*	Conical	12mm (15/32")
B1531	Tapered	11mm (7/16")



B1532	Bottle	13mm (1/2")
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B1533	Spot	16mm (5/8")
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Contact Tips


STOCK CODE	WIRE SIZE	MATERIAL
B1527-06	0.6mm (.023")	ECu
B1527-08*	0.8mm (.030")	ECu
B1527-09	0.9mm (.035")	ECu
B1527-10	1.0mm (.040")	ECu

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 240A

AIR COOLED MIG TORCH

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



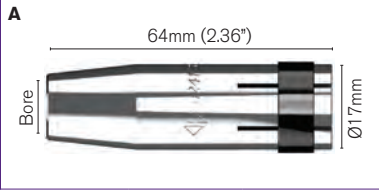
STOCK CODE	DESCRIPTION
PRO2400-30ER	Torch c/w Euro Fitting x 3m
PRO2400-40ER	Torch c/w Euro Fitting x 4m
PRO2400-50ER	Torch c/w Euro Fitting x 5m

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

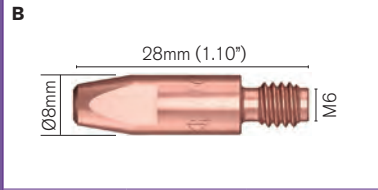
E Liners See page 114 for full range	
STOCK CODE	DESCRIPTION
B1535-30	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40	Steel 0.6-0.9mm (.023-.035") x 4m
B1535-50	Steel 0.6-0.9mm (.023-.035") x 5m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B2524-50*	Steel 1.0-1.2mm (.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.

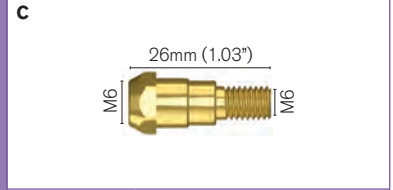
ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

Nozzles


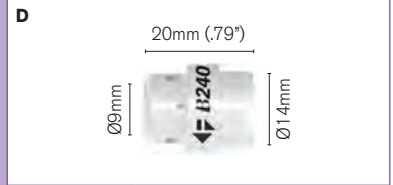
STOCK CODE	STYLE	BORE
B2415	Cylindrical	17mm (11/16")
B2416*	Conical	13mm (1/2")
B2417	Tapered	10mm (3/8")

Contact Tips


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


STOCK CODE	TIP THREAD
B2412	M6

Diffusers


STOCK CODE	COLOUR
B2405B	Black
B2405C*	Ceramic
B2405W	White

ROLL MARKING

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

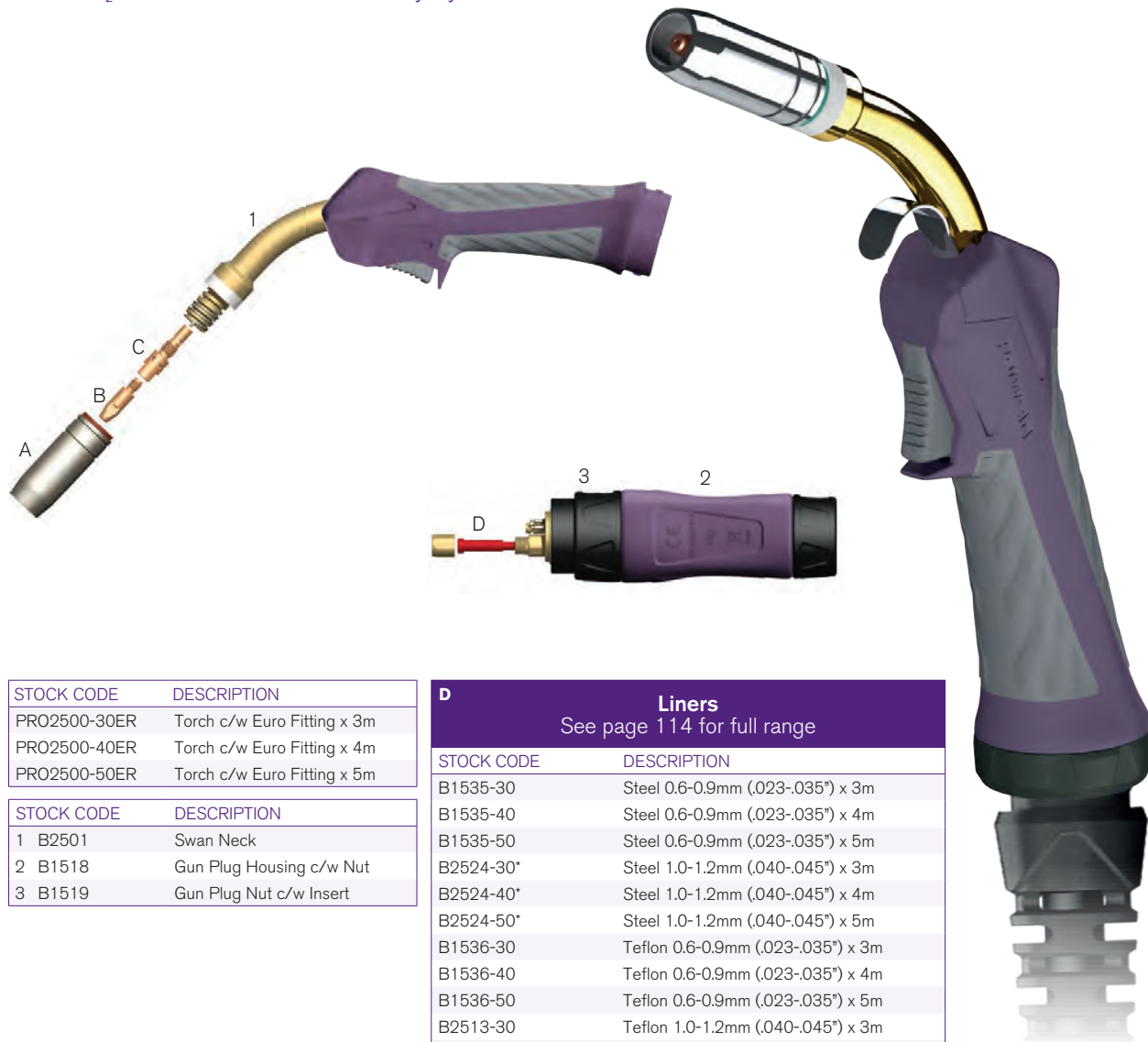
* Denotes standard build



PRO-GRIP MAX[®] 250A

AIR COOLED MIG TORCH

230A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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

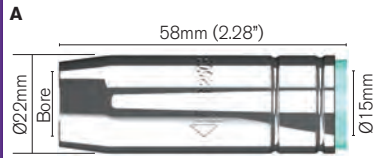
STOCK CODE	DESCRIPTION
1 B2501	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

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

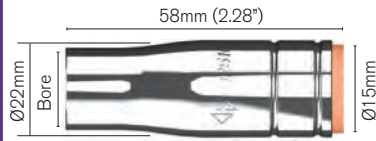
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more
information.

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for more
information.

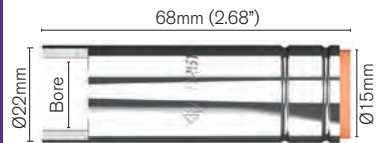
Nozzles



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

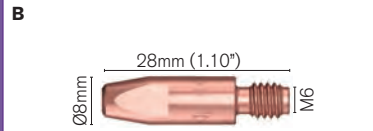


B2510	Bottle	15mm (19/32")
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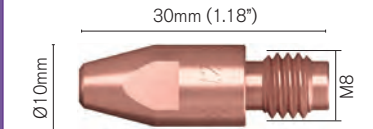


B2511	Spot	18mm (5/7")
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Contact Tips

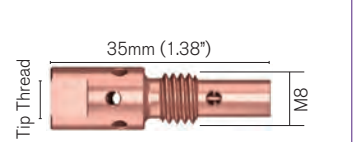


STOCK CODE	WIRE SIZE	MATERIAL
B2504-08	0.8mm (.030")	ECu
B2504-09	0.9mm (.035")	ECu
B2504-10*	1.0mm (.040")	ECu
B2504-12	1.2mm (.045")	ECu
B2504-08CR	0.8mm (.030")	ECu, CR Plated
B2504-10CR	1.0mm (.040")	ECu, CR Plated
B2504-12CR	1.2mm (.045")	ECu, CR Plated
B2504-10A	1.0mm (.040")	ECu, Al
B2504-12A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



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



STOCK CODE	TIP THREAD
B2506*	M6
B2536	M8

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 250A FLEX

AIR COOLED MIG TORCH

230A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") Wires



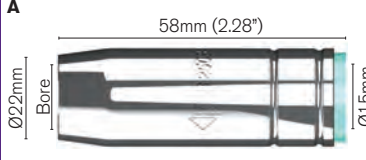
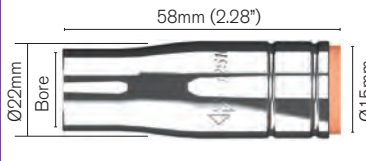

STOCK CODE	DESCRIPTION
PRO2500FX-30ER	Flex Torch c/w Euro Fitting x 3m
PRO2500FX-40ER	Flex Torch c/w Euro Fitting x 4m

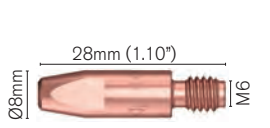
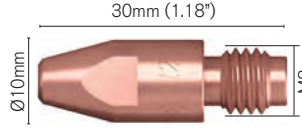
STOCK CODE	DESCRIPTION
1 B2501FX	Swan Neck
2 B1518	Gun Plug Housing c/w Nut
3 B1519	Gun Plug Nut c/w Insert

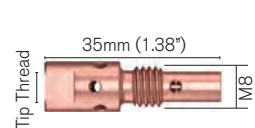
D Liners See page 114 for full range	
STOCK CODE	DESCRIPTION
B1535-30	Steel 0.6-0.9mm (.023-.035") x 3m
B1535-40	Steel 0.6-0.9mm (.023-.035") x 4m
B2524-30*	Steel 1.0-1.2mm (.040-.045") x 3m
B2524-40*	Steel 1.0-1.2mm (.040-.045") x 4m
B1536-30	Teflon 0.6-0.9mm (.023-.035") x 3m
B1536-40	Teflon 0.6-0.9mm (.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 164 - 165 for more
information.

Nozzles	A		
	STOCK CODE	STYLE	BORE
	B2507	Cylindrical	18mm (5/7")
	B2508*	Conical	15mm (19/32")
	B2509	Tapered	12mm (15/32")
	B		
	B2510	Bottle	15mm (19/32")
	C		
	B2511	Spot	18mm (5/7")

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	
C			
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

ROLL MARKING

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

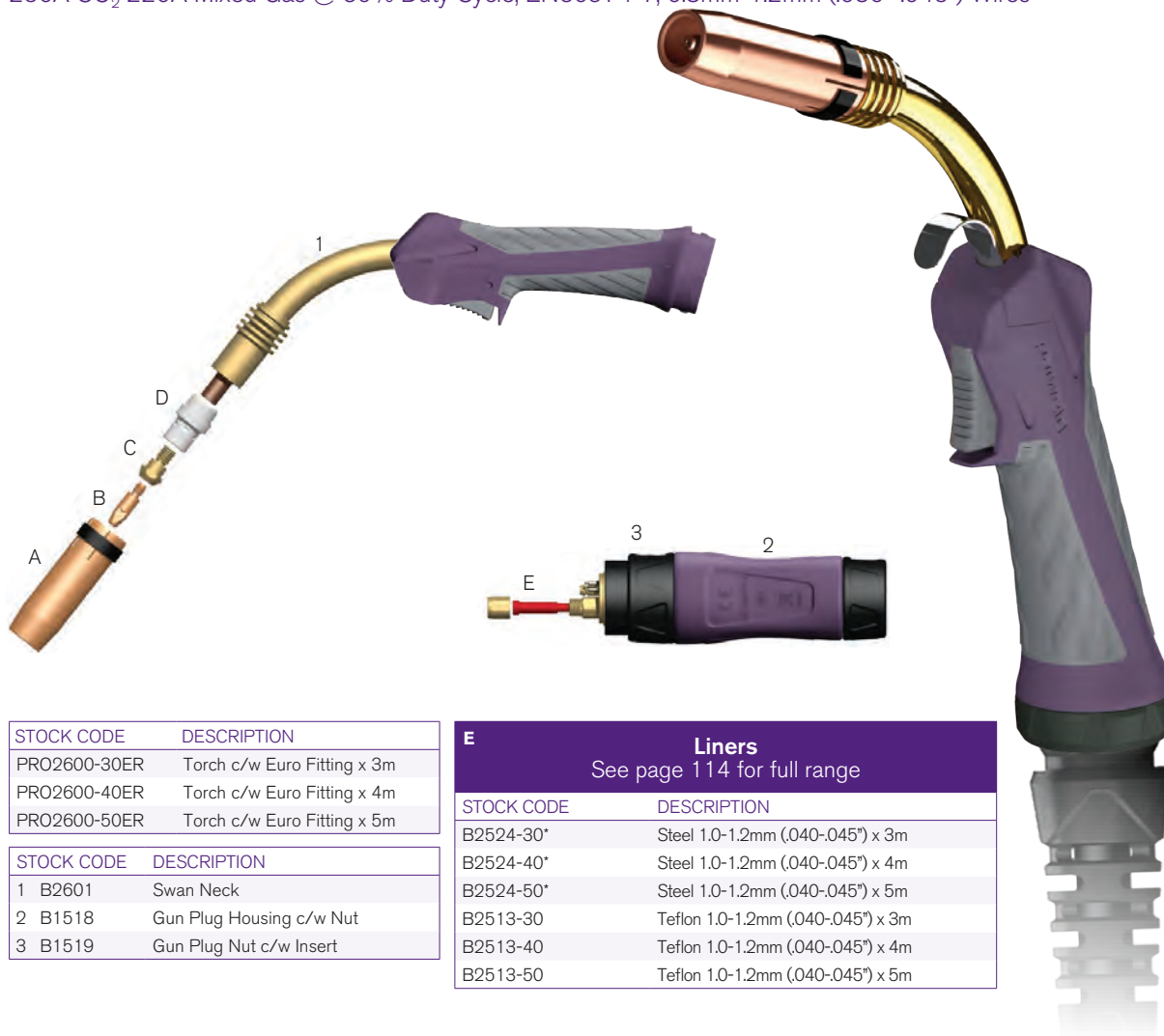
* Denotes standard build



PRO-GRIP MAX[®] 260A

AIR COOLED MIG TORCH

250A CO₂ 220A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 164 - 165 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
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

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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 240W

WATER COOLED MIG TORCH

300A CO₂ 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 164 - 165 for more information.

Nozzles

A

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

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

C

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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 360A

AIR COOLED MIG TORCH

300A CO₂ 270A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 164 - 165 for more
information.

Nozzles

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

D

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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 350W

WATER COOLED MIG TORCH

320A CO₂, 280A Mixed Gas @ 100% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 164 - 165 for more information.

Nozzles

A

STOCK CODE	STYLE	BORE
B2507	Cylindrical	18mm (5/7")
B2508*	Conical	15mm (19/32")
B2509	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
B2505-08	0.8mm (.030")	CuCrZr
B2505-10	1.0mm (.040")	CuCrZr
B2505-12	1.2mm (.045")	CuCrZr

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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP® 380A

AIR COOLED MIG TORCH

350A CO₂ 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 164 - 165 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")
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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

Diffusers

C

STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

Tip Adaptors

D

STOCK CODE	TIP THREAD
B3812	M8

ROLL MARKING

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

* Denotes standard build



PRO-GRIP® 400A

AIR COOLED MIG TORCH

350A CO₂ 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 164 - 165 for more
information.

Nozzles

A

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

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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 401W

WATER COOLED MIG TORCH

400A CO₂ 350A Mixed Gas @ 100% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") Wires



STOCK CODE	DESCRIPTION
B4001-30ER	Torch c/w Euro Fitting x 3m
B4001-40ER	Torch c/w Euro Fitting x 4m
B4001-50ER	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 164 - 165 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
B4014-09	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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP MAX[®] 400W

DOUBLE COOLED WATER COOLED MIG TORCH

400A CO₂ 350A Mixed Gas @ 100% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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 164 - 165 for more
information.

Nozzles

A

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

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

UPDATED

Power cables increased from 12 to 16mm² copper cable reducing operating temperatures and increasing current carrying capacity.

ROLL MARKING

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

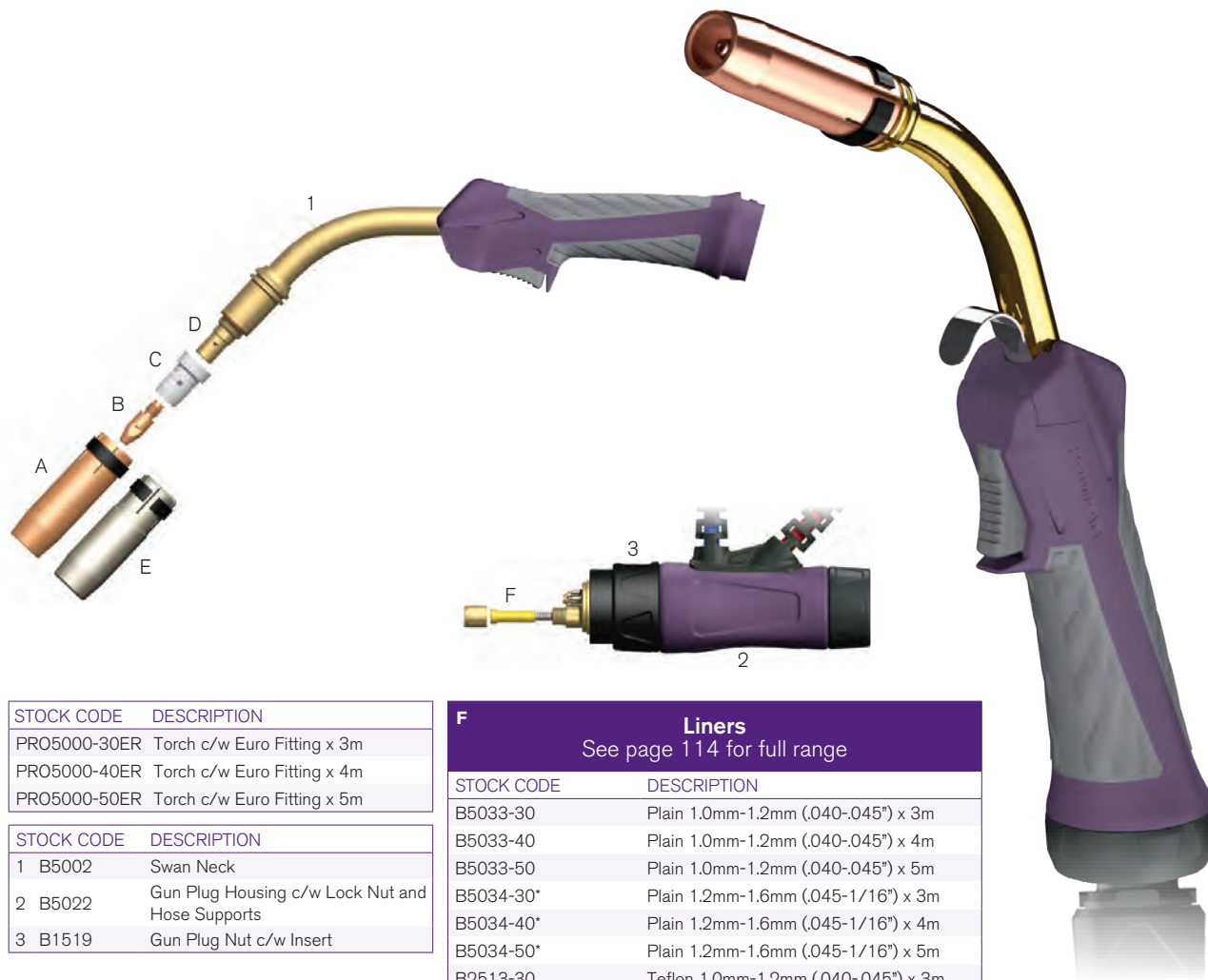
* Denotes standard build



PRO-GRIP MAX[®] 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
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 164 - 165 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

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

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

UPDATED

Power cables increased from 12 to 16mm² copper cable reducing operating temperatures and increasing current carrying capacity.

ROLL MARKING

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

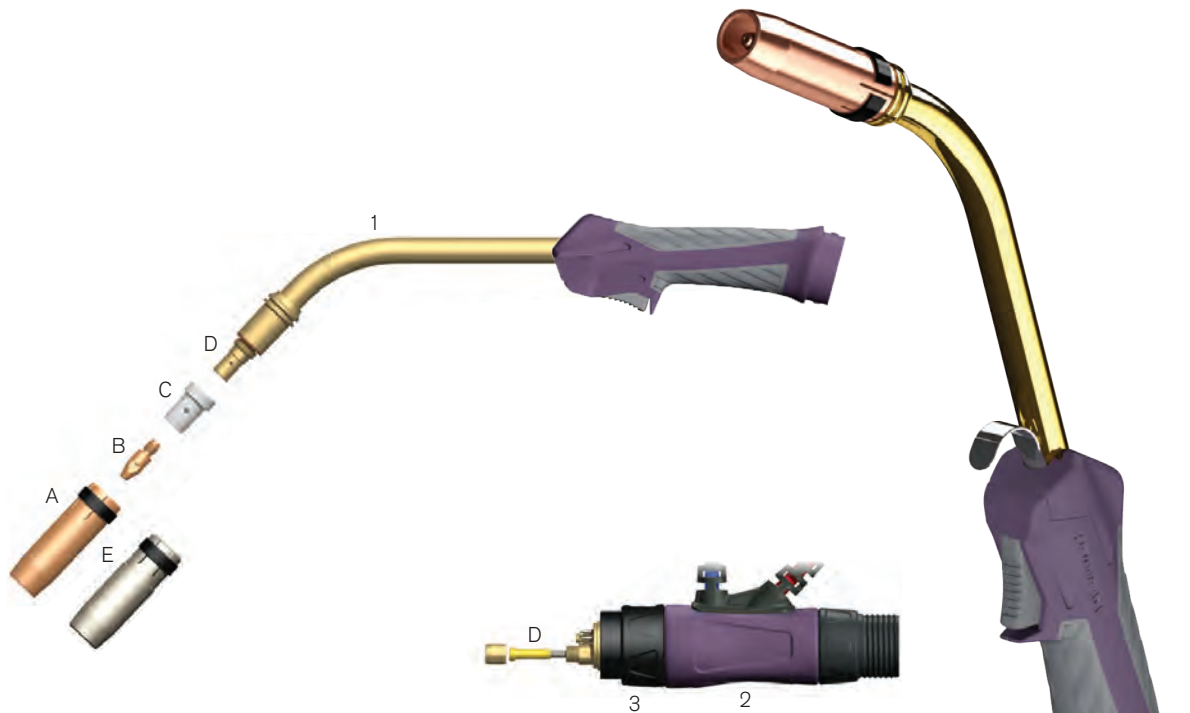
* Denotes standard build



PRO-GRIP MAX[®] 501W EXT

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
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 164 - 165 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

STOCK CODE	STYLE	BORE
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

ROLL MARKING

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

* Denotes standard build



PRO-GRIP® 550W

DOUBLE COOLED WATER COOLED MIG TORCH

550A CO₂, 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

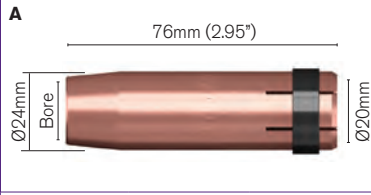
STOCK CODE	DESCRIPTION
1 B5502	Swan Neck
2 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
3 B1519	Gun Plug Nut c/w Insert

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 164 - 165 for more
information.

Nozzles

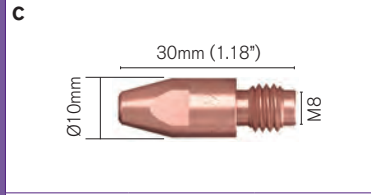


STOCK CODE	STYLE	BORE
B5027	Cylindrical	19mm (3/4")
B5028*	Conical	16mm (5/8")
B5029	Tapered	14mm (9/16")



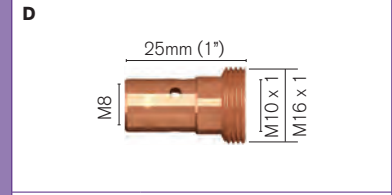
STOCK CODE	STYLE	BORE
B5028HD	HD Conical	16mm (5/8")

Contact Tips



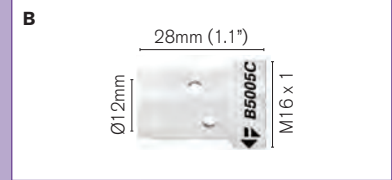
STOCK CODE	WIRE SIZE	MATERIAL
B4014-10	1.0mm (.040")	ECu
B4014-12*	1.2mm (.045")	ECu
B4014-14	1.4mm (.055")	ECu
B4014-16	1.6mm (1/16")	ECu
B4014-10CR	1.0mm (.040")	ECu, CR Plated
B4014-12CR	1.2mm (.045")	ECu, CR Plated
B4014-10A	1.0mm (.040")	ECu, Al
B4014-12A	1.2mm (.045")	ECu, Al
B4014-16A	1.6mm (1/16")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

Tip Adaptors



STOCK CODE	TIP THREAD
B5512*	M8 (copper)

Diffusers



STOCK CODE	COLOUR
B5005B	Black
B5005C*	Ceramic
B5005W	White

ROLL MARKING

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

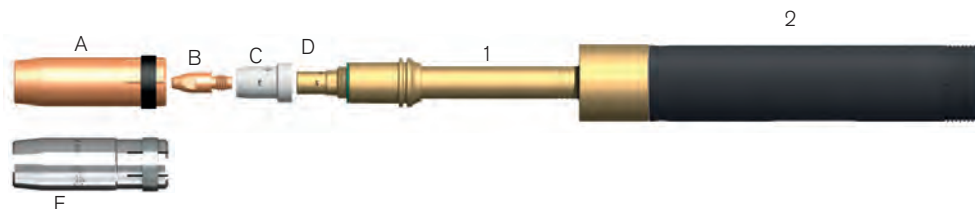
* Denotes standard build



SB 501W AUTO

WATER COOLED AUTOMATIC MIG TORCH

520A CO₂ 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
B4033-30	Plain 2.0-2.4mm (.080-.090") x 3m
B4033-40	Plain 2.0-2.4mm (.080-.090") 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 164 - 165 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

STOCK CODE	STYLE	BORE
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

ROLL MARKING

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

* Denotes standard build



BZL PUSH PULL

KEY FEATURES



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.

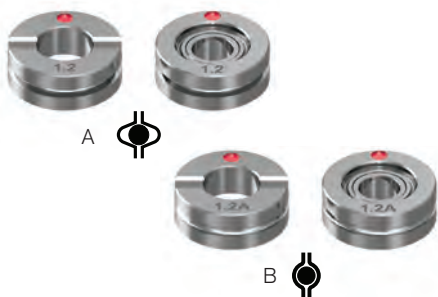
Remote speed control on the torch is available as an option.

**TWC FRONT END OPTION
AVAILABLE**

Speak to sales for more information.

		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")

WIRE ROLL SETS



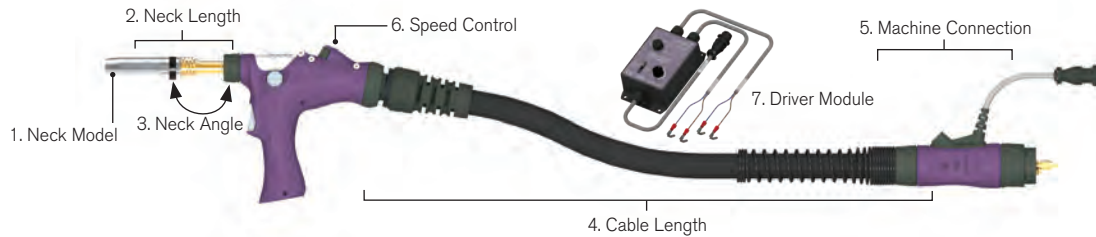
Hard Wire Roll Sets - Plain V Groove

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

BZL PUSH PULL - HOW TO ORDER



Package Stock Code Example:

BZL 360A push pull, 3.5" long x straight neck, 8 metre long cable, Euro machine connection with a torch mounted remote speed control and universal driver module.

SB36 P 35 00 - 80 E R U

1. NECK MODEL		2. NECK LENGTH		3. NECK ANGLE		4. CABLE LENGTH		5. MACHINE CONNECTION		6. SPEED CONTROL	
STOCK CODE	MODEL	STOCK CODE	LENGTH	STOCK CODE	ANGLE	STOCK CODE	LENGTH	STOCK CODE	TYPE	STOCK CODE	DESCRIPTION
SB36	360A	35	89mm (3.5")	00	Straight	60	6m (20ft)	E	Euro		No Machine Mounted Speed Control
SB40	400W	40	102mm (4")	05	5°	80	8m (26ft)	M	Miller®	R	Torch Mounted Remote Speed Control
		45	114mm (4.5")	30	30°	10	10m (33ft)	N	NAS		
		60	153mm (6")	45	45°			H	Hobart®		
		90	229mm (9")	60	60°			L	Lincoln®		
		12	305mm (12")	80	80°			T	Tweco®		
		18	457mm (18")								

TORCH TYPE	
STOCK CODE	DESCRIPTION
P	Push Pull

7. DRIVER MODULE	
STOCK CODE	DESCRIPTION
U	Universal 18 -to-42V AC/DC Driver Module
2	24V DC Converter Driver Module
4	42V DC Converter Driver Module
	No Driver Module

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 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)



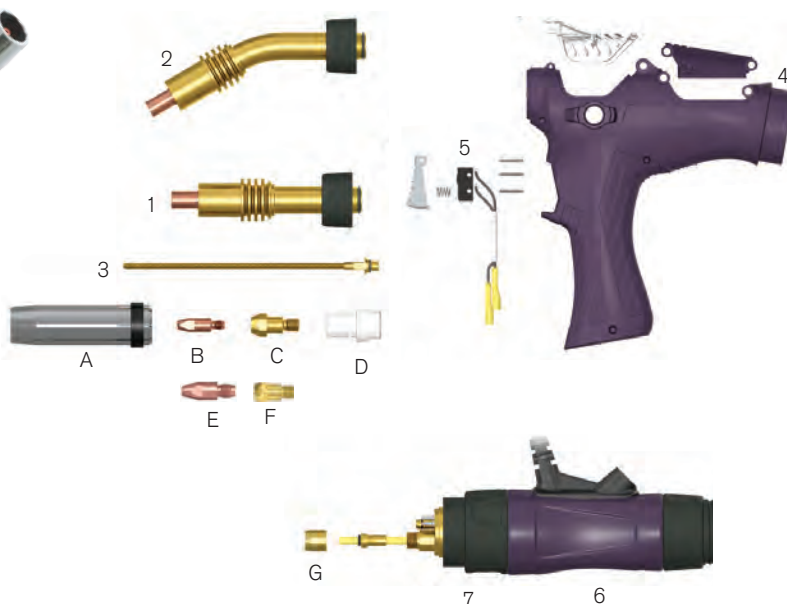
PUSH PULL 360A

AIR COOLED MIG TORCH

300A CO₂ 270A Mixed Gas @ 60% duty cycle, EN60974-7, 0.8mm-1.2mm (.030"-.045") wires

AVAILABLE 2019

NEW



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
SB36P4545	-60E	-80E	-10E	4.5 x 45° Neck Euro
SB36P4545	-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 164 - 165 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

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

* Denotes standard build

DRIVE MODULE OPTIONS
See pages 109 for more information.

WIRE ROLL SETS
See pages 108 for more information.

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



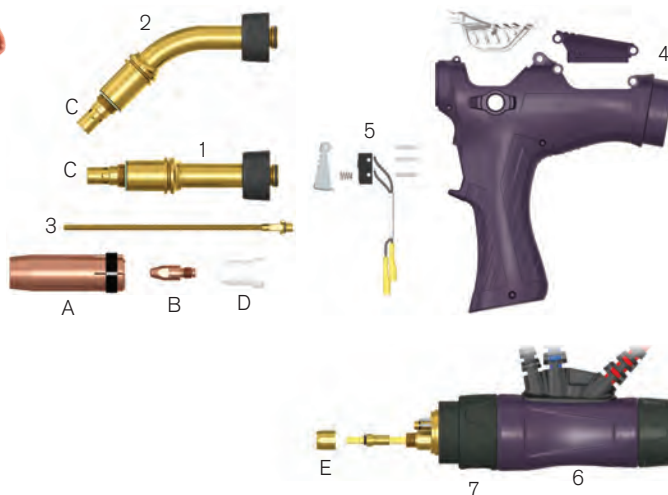
PUSH PULL 400W

WATER COOLED MIG WELDING TORCH

400A CO₂ 350A Mixed Gas @ 60% duty cycle, EN60974-7, 0.8mm-1.6mm (.030"-1/16") wires

AVAILABLE 2019

NEW



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 164 - 165 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

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.



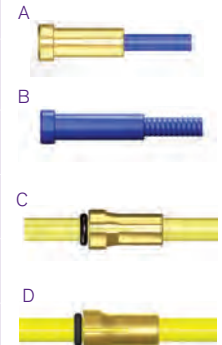
PRO-GRIP MAX[®] LINERS

		STOCK CODE	LENGTH	WIRE SIZE	SB 120A	SB 140A	PRO-GRIP MAX [®] 150A	SB230A	PRO-GRIP MAX [®] 240A	PRO-GRIP MAX [®] 250A	PRO-GRIP MAX [®] 260A	PRO-GRIP MAX [®] 360A	PRO-GRIP MAX [®] 380A	PRO-GRIP MAX [®] 400A	PRO-GRIP MAX [®] 240W	PRO-GRIP MAX [®] 350W	PRO-GRIP MAX [®] 401W	PRO-GRIP MAX [®] 501W	PUSH PULL 360A	PUSH PULL 400W	
A	Steel	B1435-30	3m	0.6-0.8mm (.023-.030")	■	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
		B1435-40	4m	0.6-0.8mm (.023-.030")	■	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
	Nylon	B1436-30	3m	1.2-1.6mm (.045-1/16")	■	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
		B1436-40	4m	2.4mm (3/32")	■	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	
C	Steel	B1535-50	5m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B1536-30++	3m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B1536-40++	4m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
B	Teflon	B1536-50++	5m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2524-50	5m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2513-30++	3m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Teflon	B2513-30++	4m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2513-30++	5m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3631-30	3m	1.6mm (1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
B	Steel	B3631-40	4m	1.6mm (1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3631-50	5m	1.6mm (1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3626-30++	3m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Teflon	B3626-40++	4m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3626-50++	5m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B4631-30	3m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
B	Steel	B4631-30	4m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B4631-30	5m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B5033-30	3m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
B	Plain	B5033-40	4m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B5033-50	5m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B5034-30	3m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
A	Plain	B5034-40	4m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B5034-50	5m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B4033-30	3m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Polyamide	B4033-40	4m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B4033-50	5m	2.0-2.4mm (5/64-3/32")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B1564-30++	3m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Carbon	B1564-40++	4m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B1564-50++	5m	0.8-1.2mm (.030-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2564-30++	3m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Teflon	B2564-40++	4m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2564-50++	5m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3564-30++	3m	1.6-2.0mm (1/16-5/64")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Carbon	B3564-40++	4m	1.6-2.0mm (1/16-5/64")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3564-50++	5m	1.6-2.0mm (1/16-5/64")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2554-30++	3m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Teflon	B2554-40++	4m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B2554-50++	5m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3554-30++	3m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C	Carbon	B3554-40++	4m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		B3554-50++	5m	1.2-1.6mm (.045-1/16")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		PP1536-60	6m	0.6-0.9mm (.023-.035")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
D	Teflon	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	6m	1.0-1.2mm (.040-.045")	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
		PP3626-60	10m	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



TWC



The Parweld TWC torch gives a robust, hardwearing performance.

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

Parweld now also offer the TWC with our ergonomic Pro-Grip Max® handle system with the comfort and manoeuvrability of our modern handle design.

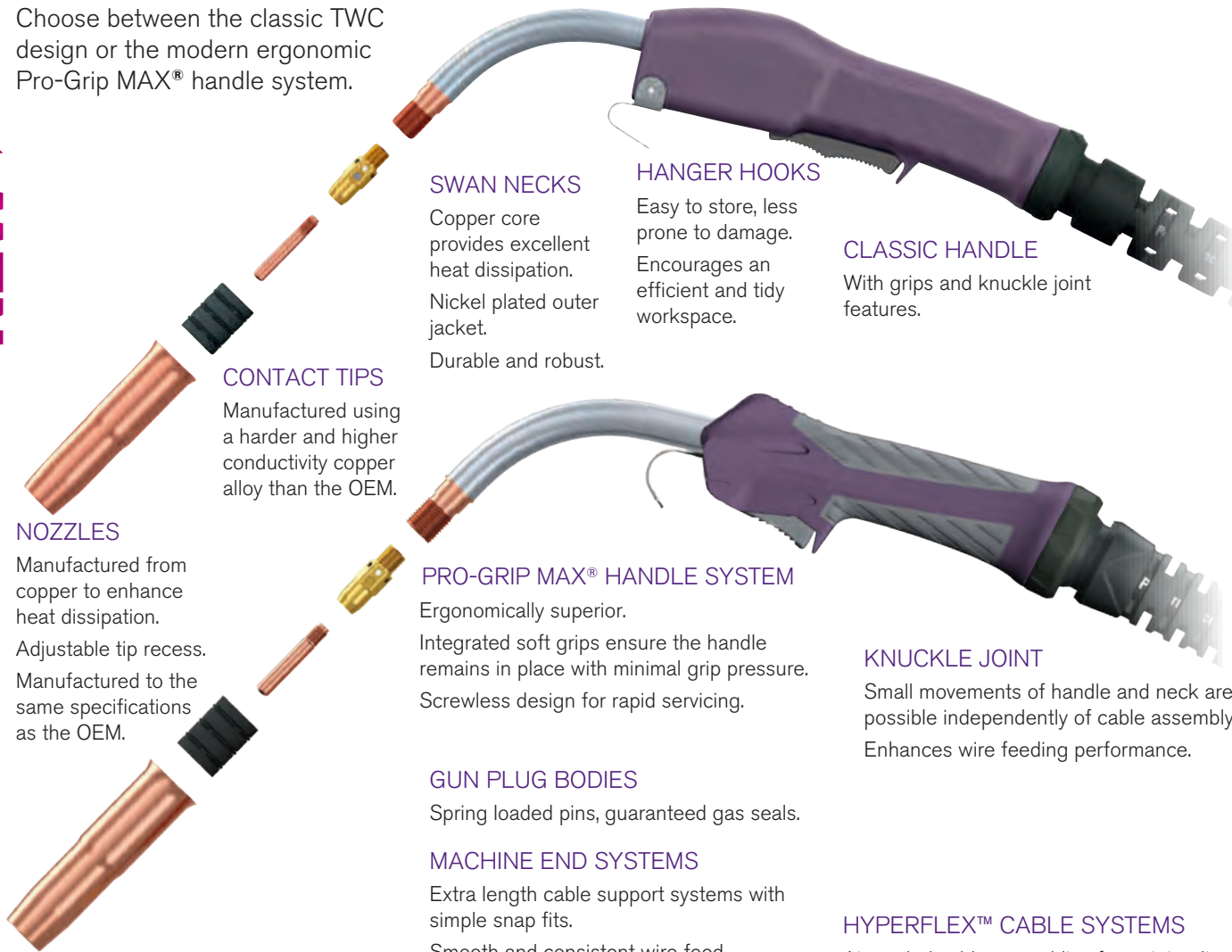
NOW AVAILABLE WITH PRO-GRIP® HANDLE SYSTEM



KEY FEATURES

Choose between the classic TWC design or the modern ergonomic Pro-Grip MAX® handle system.

NEW



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.

CONTACT TIPS

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

NOZZLES

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

PRO-GRIP MAX® HANDLE SYSTEM

Ergonomically superior.
Integrated soft grips ensure the handle remains in place with minimal grip pressure.
Screwless design for rapid servicing.

KNUCKLE JOINT

Small movements of handle and neck are possible independently of cable assembly.
Enhances wire feeding performance.

GUN PLUG BODIES

Spring loaded pins, guaranteed gas seals.

MACHINE END SYSTEMS

Extra length cable support systems with simple snap fits.
Smooth and consistent wire feed.

HYPERFLEX™ CABLE SYSTEMS

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

Alternative connections available, see page 164-165.

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"-0.045")	0.6mm-1.2mm (.023"-0.045")	0.8mm-1.6mm (.030"-1/16")	0.8mm-2.0mm (.030"-5/64")	1.0mm-2.4mm (.040"-3/32")

PRO-GRIP MAX[®] TWC TORCH RANGE



		PRO GRIP MAX [®] PA NO 1	PRO GRIP MAX [®] PA NO 2	PRO GRIP MAX [®] PA NO 3	PRO GRIP MAX [®] PA NO 4
STOCK CODE	10FT	PRO1-10E	PRO2-10E	PRO3-10E	PRO4-10E
	12FT	PRO1-12E	PRO2-12E	PRO3-12E	PRO4-12E
	15FT	PRO1-15E	PRO2-15E	PRO3-15E	PRO4-15E
COOLING		Air	Air	Air	Air
RATING		180A CO ₂ 125A Mixed Gas @ 60%	230A CO ₂ 200A Mixed Gas @ 60%	260A CO ₂ 230A Mixed Gas @ 60%	320A CO ₂ 270A Mixed Gas @ 60%
WIRE SIZE		0.6mm-1.2mm (.023"-0.045")	0.6mm-1.2mm (.023"-0.045")	0.8mm-1.6mm (.030"-1/16")	0.8mm-2.0mm (.030"-5/64")

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.



PA NO 1

AIR COOLED MIG TORCH

180A CO₂ 125A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.6mm-1.2mm (.023"-0.045") 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

**PRO-GRIP MAX®
AVAILABLE**

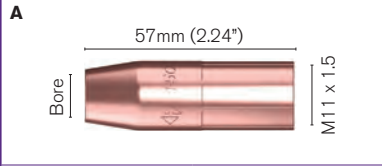
See page 117 for more
information

**ALTERNATIVE ENDS
AVAILABLE**

See pages 164 - 165 for
more information.

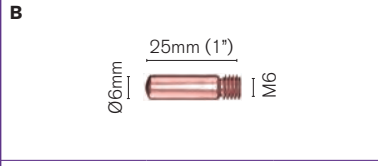
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more
information.

Self Insulated Nozzles



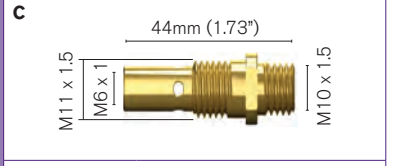
STOCK CODE	BORE
21-37	10mm (3/8")
21-50*	13mm (1/2")
21-62	16mm (5/8")

Contact Tips



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



STOCK CODE	WIRE SIZE
51*	0.8mm-1.2mm (.030"-0.045")
51-23	0.6mm (.023")



*Denotes standard build

ROLL MARKING

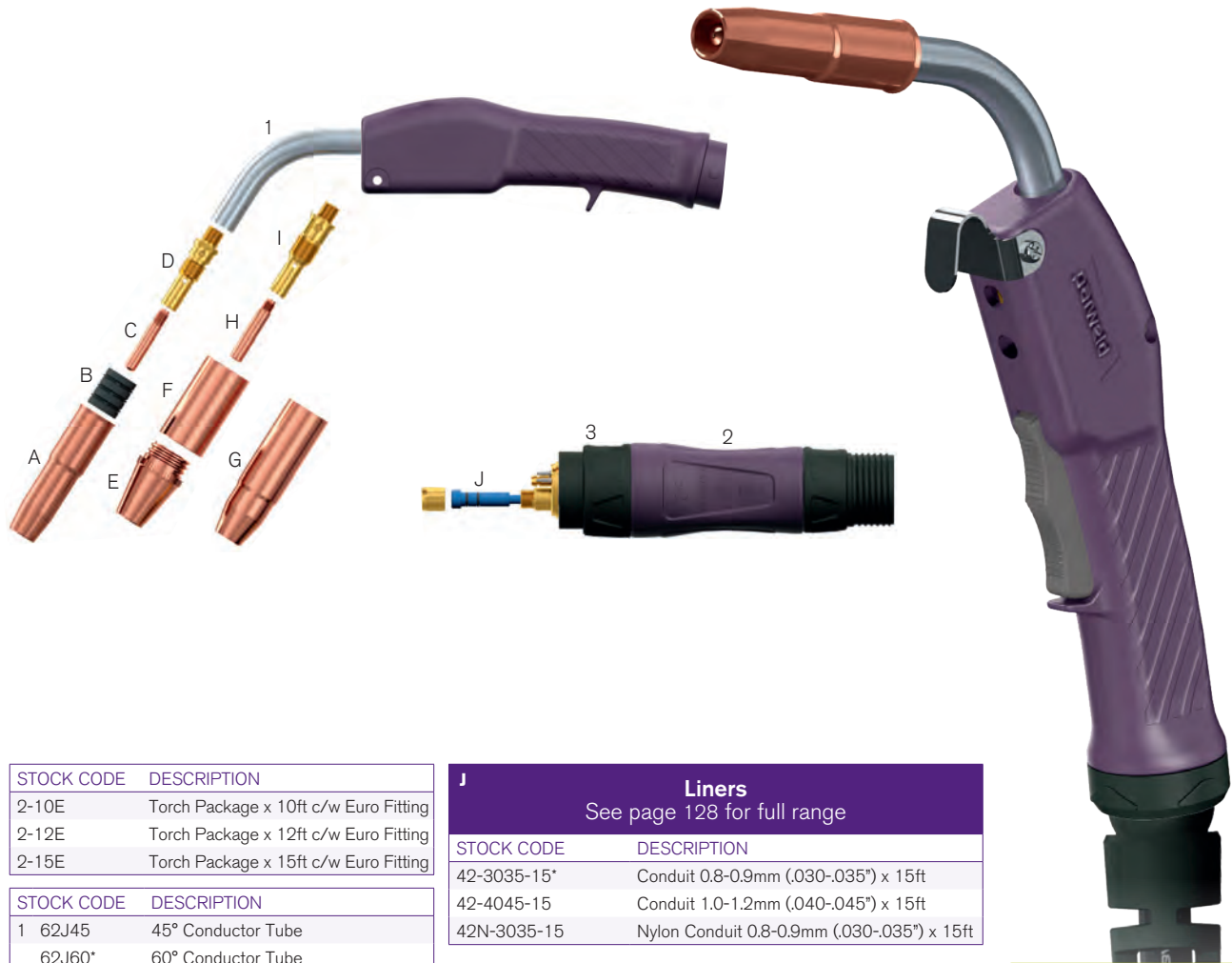
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PA NO 2

AIR COOLED MIG TORCH

200A CO₂ 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

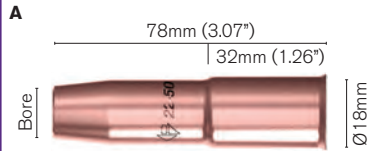
STOCK CODE	DESCRIPTION
1 62J45	45° Conductor Tube
62J60*	60° Conductor Tube
2 X6RC	Gun Plug Housing c/w Nut
3 174X-2	Gun Plug Nut c/w Insert

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

**PRO-GRIP MAX®
AVAILABLE**
See page 117 for more
information

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for
more information.

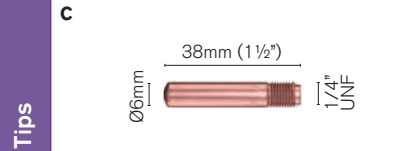
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more
information.

Adjustable Nozzles and Insulator


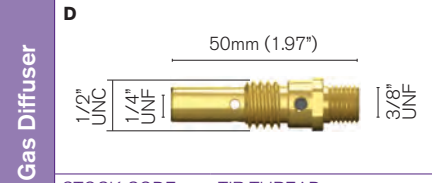
STOCK CODE	BORE
22-50	13mm (1/2")
22-62*	16mm (5/8")



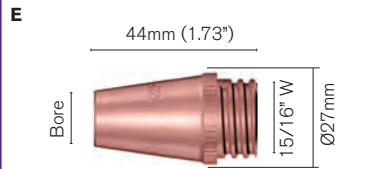
32*	Insulator
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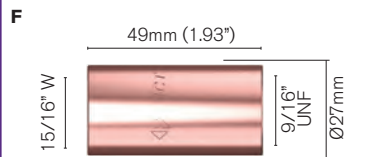
STOCK CODE	WIRE SIZE	MATERIAL
14-23	0.6mm (.023")	ECu
14-30*	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40	1.0mm (.040")	ECu
14-45	1.2mm (.045")	ECu



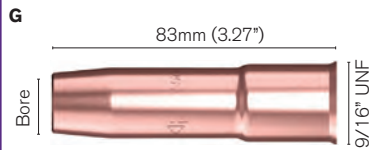
STOCK CODE	TIP THREAD
52*	1/4" UNF

Fixed Nozzle Coarse & Adjustable Insulator


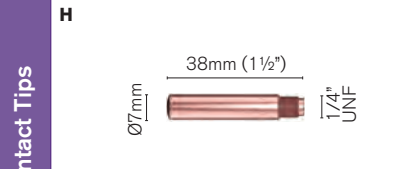
24CT-50S	13mm (1/2")
24CT-62S	16mm (5/8")
24CT-75S	19mm (3/4")



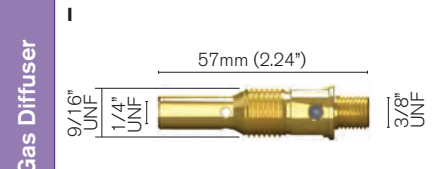
34CT	Insulator
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Self Insulated Nozzles


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



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



52FN	1/4" UNF
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* Denotes standard build

ROLL MARKING

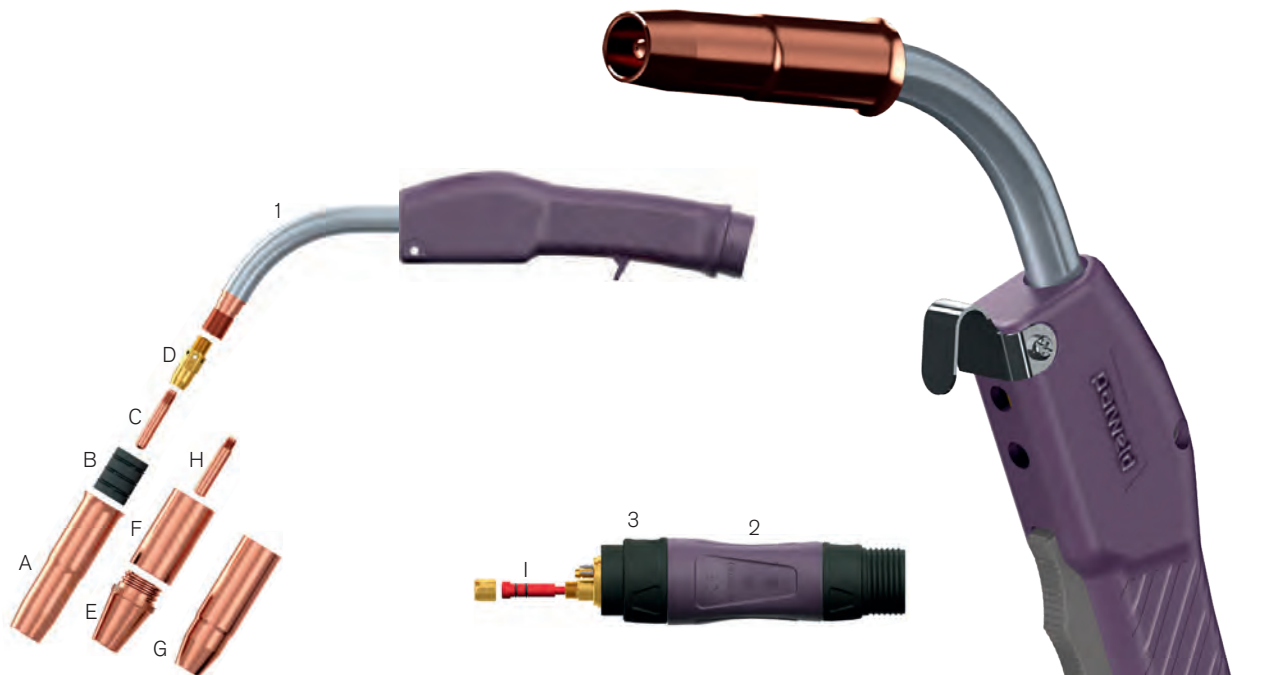
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PA NO 3

AIR COOLED MIG TORCH

300A CO₂ 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

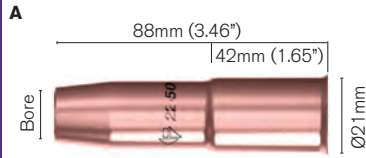
**PRO-GRIP MAX®
AVAILABLE**

See page 117 for more
information

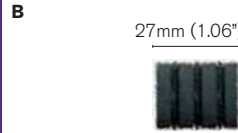
**ALTERNATIVE ENDS
AVAILABLE**

See pages 164 - 165 for
more information.

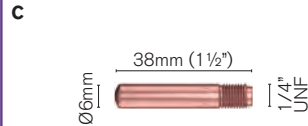
FULL PARTS BREAKDOWN AVAILABLE
visit www.parweld.com for more
information.

Adjustable Nozzle and Insulator


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



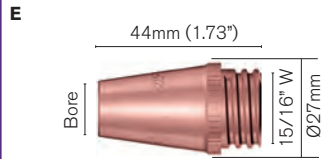
34A*	Insulator
------	-----------

Contact Tips


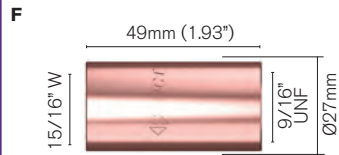
STOCK CODE	WIRE SIZE	MATERIAL
14-30	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40*	1.0mm (.040")	ECu
14-45	1.2mm (.045")	ECu
14-52	1.3mm (.052")	ECu
14-116	1.6mm (1/16")	ECu

Gas Diffuser

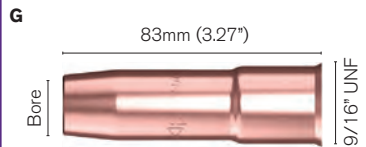

STOCK CODE	TIP THREAD
54A*	1/4" UNF

Self Insulated Nozzles Fixed Nozzle Coarse & Adjustable Insulator


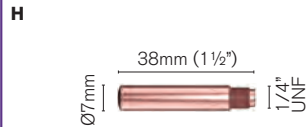
24CT-50S	13mm (1/2")
24CT-62S	16mm (5/8")
24CT-75S	19mm (3/4")



34CT	Insulator
------	-----------



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

HD Contact Tips


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

Gas Diffuser


54A*	1/4" UNF
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* Denotes standard build

ROLL MARKING

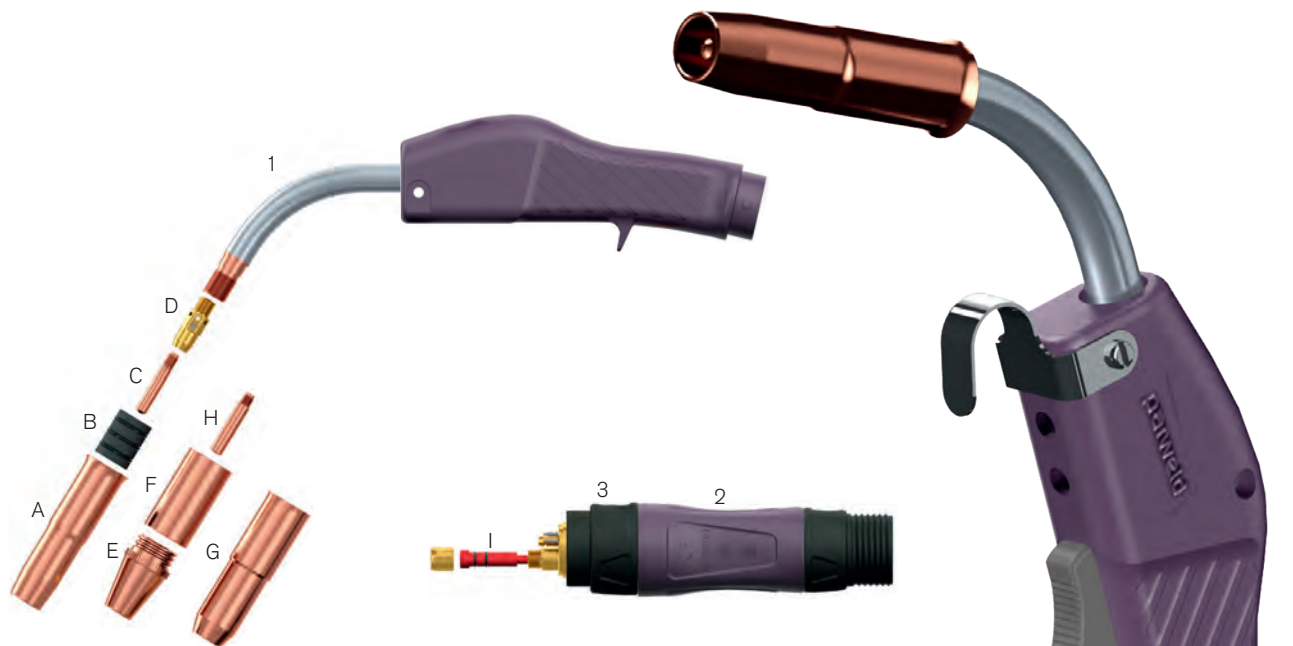
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PA NO 4

AIR COOLED MIG TORCH

400A CO₂, 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

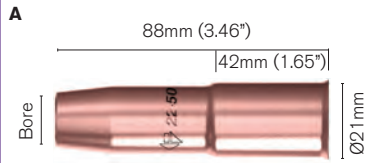
**PRO-GRIP MAX®
AVAILABLE**

See page 117 for more
information

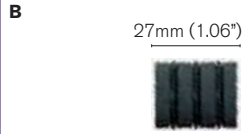
**ALTERNATIVE ENDS
AVAILABLE**

See pages 164 - 165 for
more information.

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

Adjustable Nozzle and Insulator


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



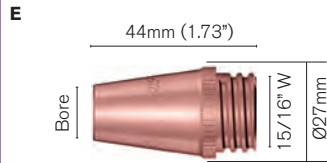
34A*	Insulator
------	-----------

Contact Tips

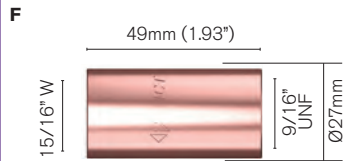
STOCK CODE	WIRE SIZE	MATERIAL
14-30	0.8mm (.030")	ECu
14-35	0.9mm (.035")	ECu
14-40	1.0mm (.040")	ECu
14-45*	1.2mm (.045")	ECu
14-52	1.3mm (.052")	ECu
14-116	1.6mm (1/16")	ECu
14-564	2.0mm (5/64")	ECu

Gas Diffuser

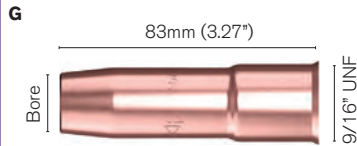
STOCK CODE	TIP THREAD
54A*	1/4" UNF

Fixed Nozzle Coarse & Adjustable Insulator


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



34CT	Insulator
------	-----------



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

HD Contact Tips

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

Gas Diffuser

54A*	1/4" UNF
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* Denotes standard build

ROLL MARKING

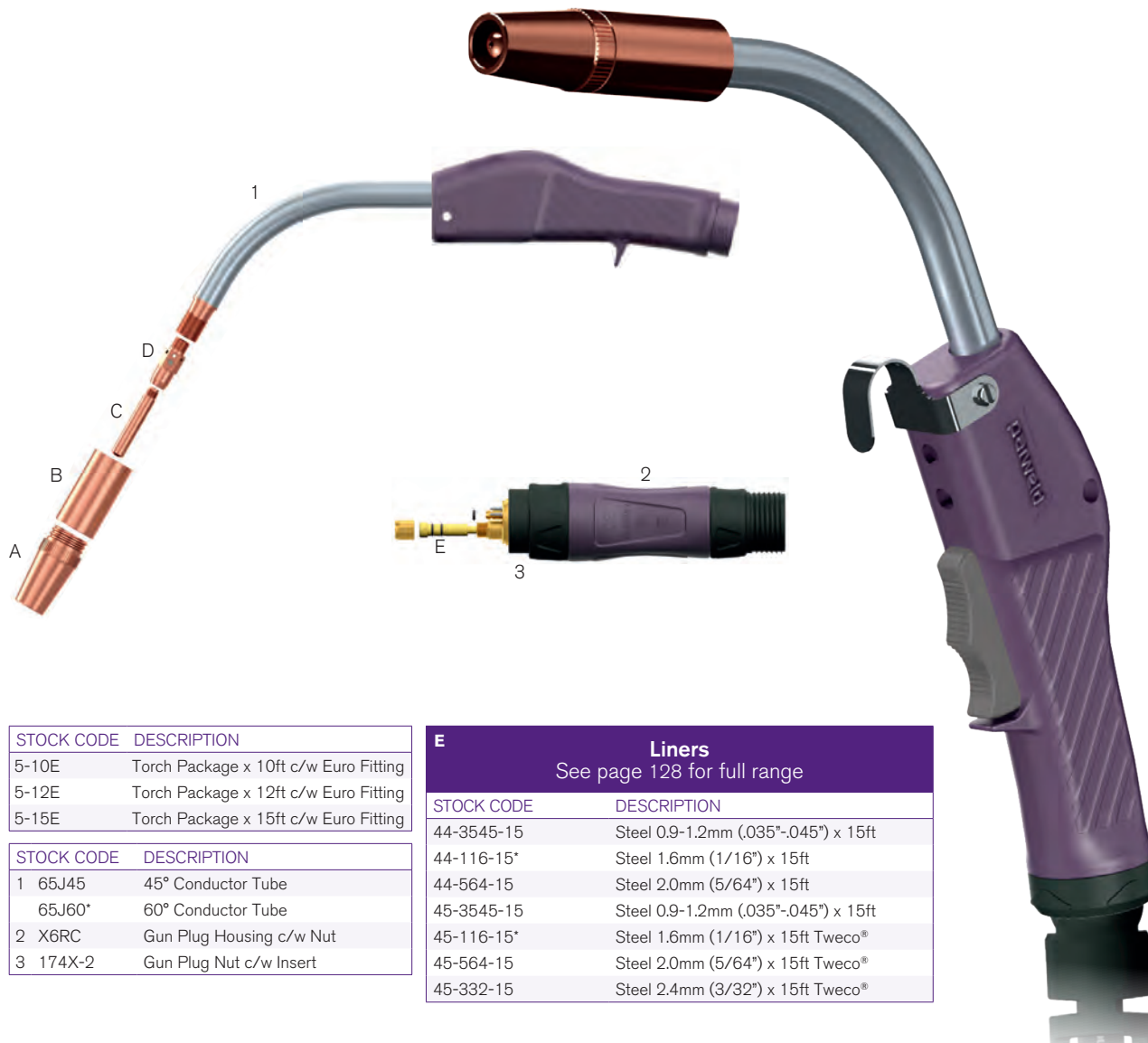
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PA NO 5

AIR COOLED MIG TORCH

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

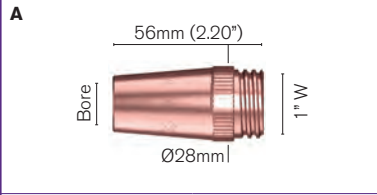
STOCK CODE	DESCRIPTION
1 65J45	45° Conductor Tube
65J60*	60° Conductor Tube
2 X6RC	Gun Plug Housing c/w Nut
3 174X-2	Gun Plug Nut c/w Insert

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®

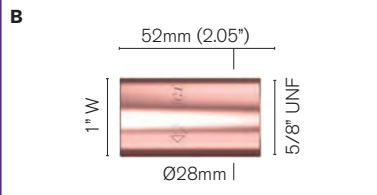
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information.

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for
more information.

Fixed Nozzles Coarse and Insulator

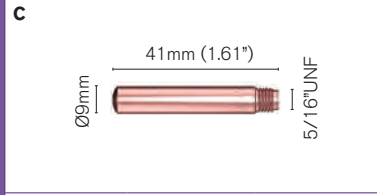


STOCK CODE	BORE
25CT-50	13mm (1/2")
25CT-62*	16mm (5/8")
25CT-75	19mm (3/4")



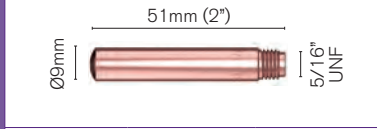
35CT*	Insulator
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Flux Cored Contact Tips



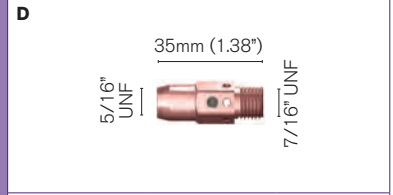
STOCK CODE	WIRE SIZE	MATERIAL
15HFC-40	1.0mm (.040")	ECu, Flux Cored
15HFC-45	1.2mm (.045")	ECu, Flux Cored
15HFC-116*	1.6mm (1/16")	ECu, Flux Cored
15HFC-564	2.0mm (5/64")	ECu, Flux Cored

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



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.

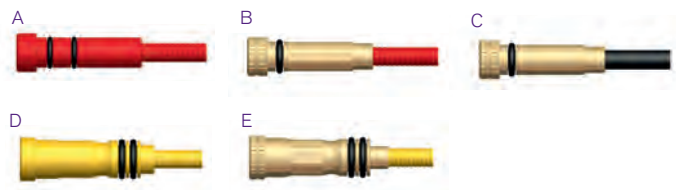
TWC LINERS

		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



BND



The Parweld BND torch gives industrial grade durability and performance.

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

Parweld now also offer the BND with our ergonomic Pro-Grip Max[®] handle system with the comfort and manoeuvrability of our modern handle design.

**NOW AVAILABLE WITH PRO-GRIP MAX[®]
HANDLE SYSTEM**

KEY FEATURES

Choose between the classic BND design or the modern ergonomic Pro-Grip MAX® handle system.

The Pro-Grip MAX® BND offers the classic BND performance combined with the superior comfort and manoeuvrability of our Pro-Grip MAX® handle.

NEW



HANGER HOOKS

Encourages an efficient and tidy workspace.

CLASSIC HANDLE

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

SWAN NECKS

High temperature resistant insulation materials reduce the risk of shorting.

Metal outer jacket
Swivel neck.

CONTACT TIPS

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

NOZZLES

Brass nozzles reduce spatter build up.

PRO-GRIP MAX® HANDLE SYSTEM

Ergonomically superior.

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

Screwless design for rapid servicing.



KNUCKLE JOINT

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

CABLE SUPPORTS

Freedom of movement and progressive support to the power cable.

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 164 - 165 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"-0.045")	0.8mm-1.2mm (.030"-0.045")	0.8mm-2.0mm (.030"-5/64")

NEW

PRO-GRIP MAX[®] BND TORCH RANGE



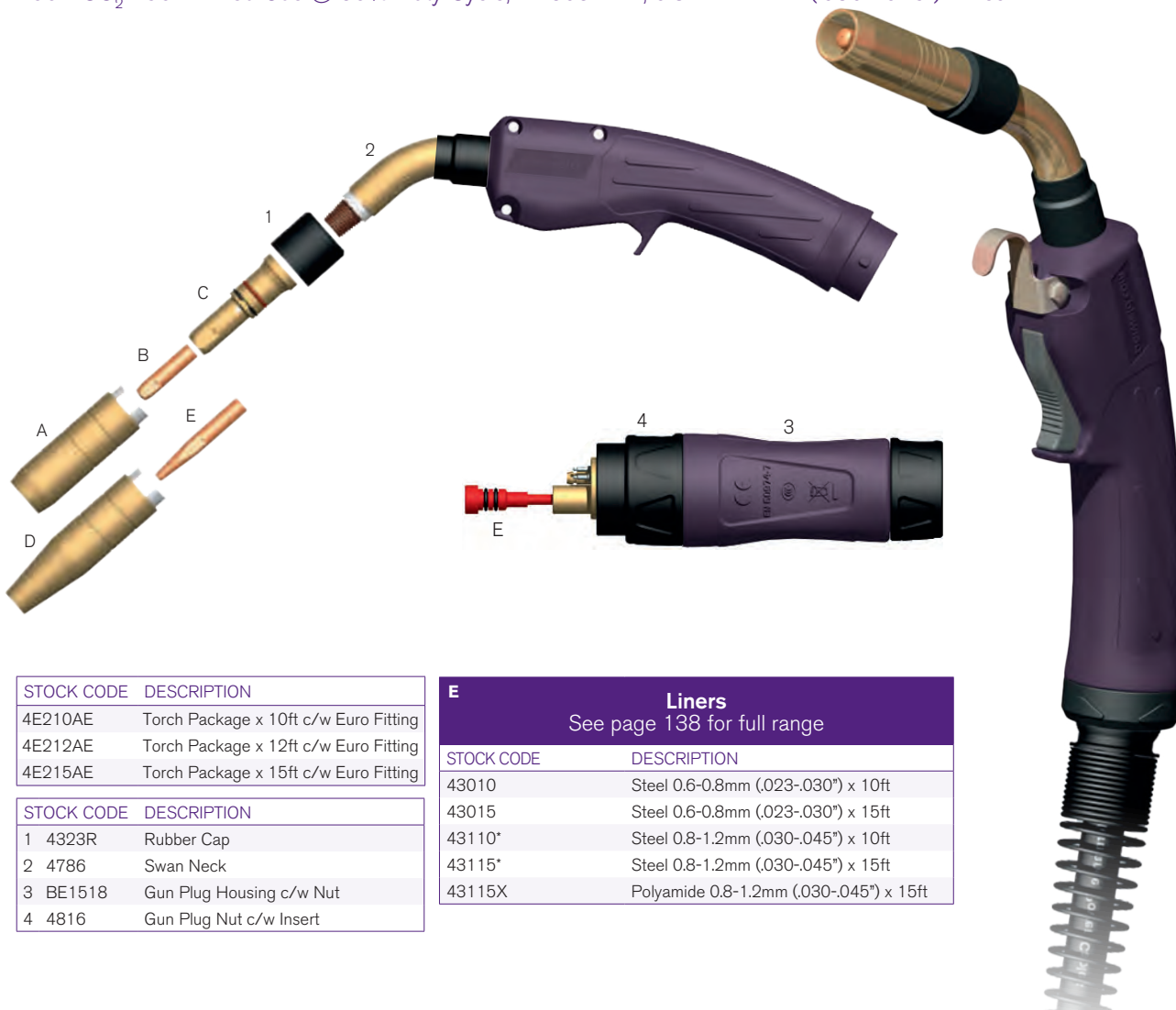
		PRO GRIP MAX [®] PEZ 200E	PRO GRIP MAX [®] PEZ 300E	PRO GRIP MAX [®] PEZ 400E
STOCK CODE	10FT	PRO4E210AE	PRO4E310AE	PRO4E410AE
	12FT	PRO4E212AE	PRO4E312AE	PRO4E412AE
	15FT	PRO4E215AE	PRO4E315AE	PRO4E415AE
COOLING		Air	Air	Air
RATING		180A CO ₂ 150A Mixed Gas @ 60%	230A CO ₂ 200A Mixed Gas @ 60%	320A CO ₂ 270A Mixed Gas @ 60%
WIRE SIZE		0.8mm-1.2mm (.030"-0.045")	0.8mm-1.2mm (.030"-0.045")	0.8mm-2.0mm (.030"-5/64")



PEZ 200E

AIR COOLED MIG TORCH

200A CO₂ 150A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") 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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

PRO-GRIP MAX® AVAILABLE
See page 131 for more information

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

Nozzles

A

67mm (2.64")

Ø22mm Bore

Ø16mm

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

32mm (1.26")

8mm Ellipse

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

Head Assembly

C

53mm (2.17")

8mm Ellipse

1/4" NPT

STOCK CODE
4335*

Nozzles

D

83mm (3.27")

Ø22mm Bore

Ø16mm

4295	Brass	10mm (3/8")
------	-------	-------------

Contact Tips Pipeline

E

51mm (2")

8mm Ellipse

4281	0.9mm (.035")	ECu Pipeline
4282	1.2mm (.045")	ECu Pipeline

Head Assembly

C

53mm (2.17")

8mm Ellipse

1/4" NPT

4335*

* Denotes standard build

ROLL MARKING

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

Nozzles

A

67mm (2.64")
 Ø22mm Bore
 Ø16mm

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

32mm (1.26")
 8mm Ellipse

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

Head Assembly

C

53mm (2.17")
 8mm Ellipse
 1/4" NPT

STOCK CODE	TIP SERIES
4335*	7400

Nozzles

D

83mm (3.27")
 Ø22mm Bore
 Ø16mm

4295	Brass	10mm (3/8")
------	-------	-------------

Pipeline Contact Tips

E

51mm (2")
 8mm Ellipse

4281	0.9mm (.035")	ECu
4282	1.2mm (.045")	ECu

Head Assembly

C

53mm (2.17")
 8mm Ellipse
 1/4" NPT

4335*	7400
-------	------

* Denotes standard build

ROLL MARKING

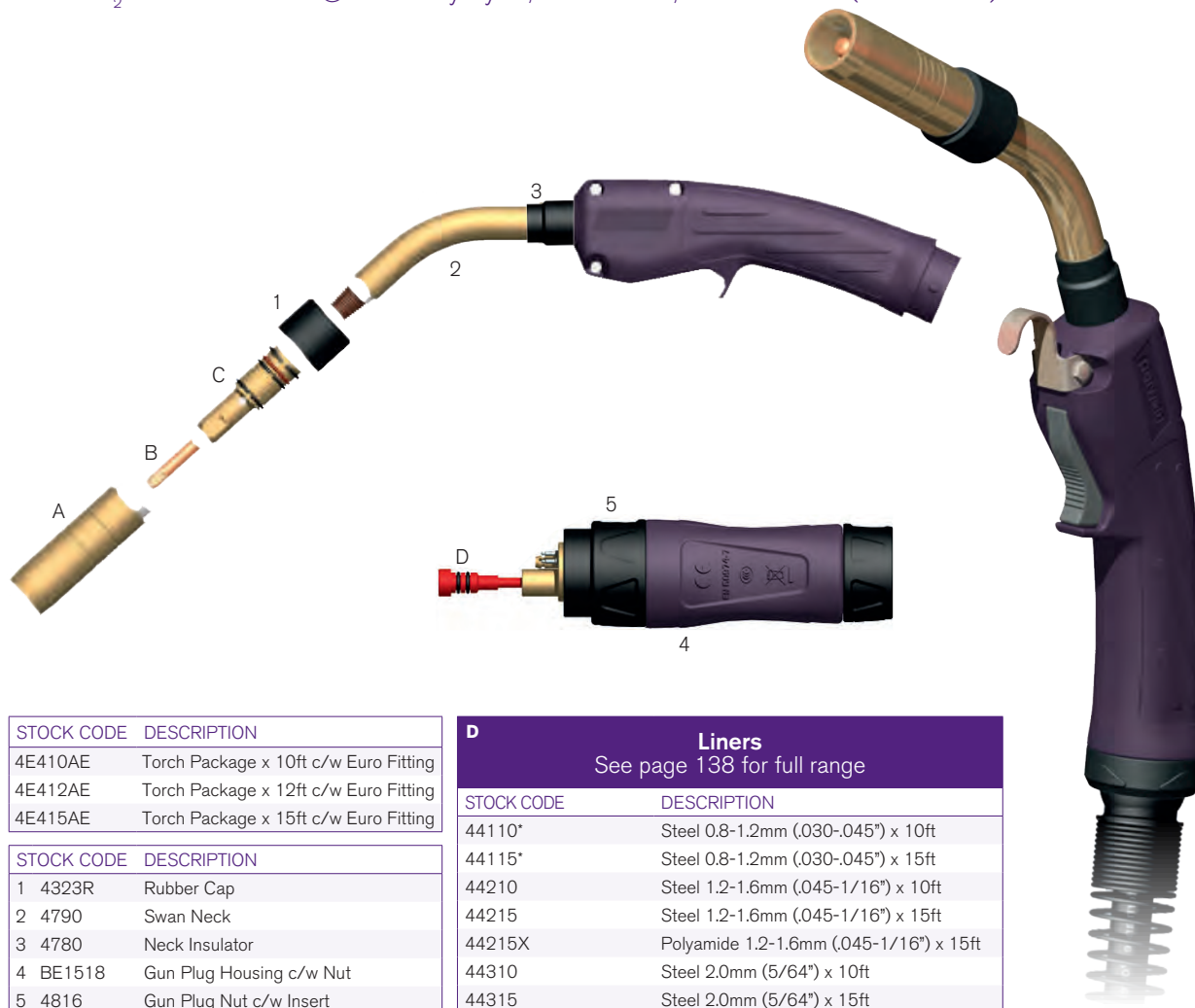
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PEZ 400E

AIR COOLED MIG TORCH

400A CO₂ 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 4323R	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

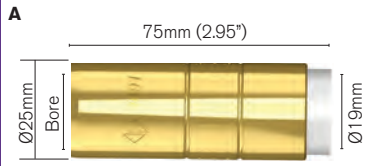
NEW HD Nozzle with a 30% increase in wall thickness to improve service life and performance in demanding applications.

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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

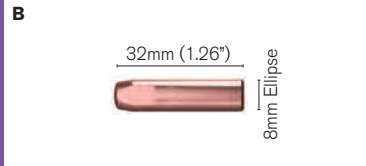
PRO-GRIP MAX® AVAILABLE
See page 131 for more information

Nozzles



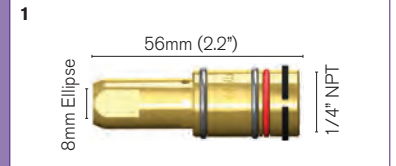
STOCK CODE	MATERIAL	BORE
4491*	Brass	19mm (3/4")
4591	Copper	19mm (3/4")
4492	Brass	14mm (2/16")
4592	Copper	14mm (2/16")
NEW - 4492HD	HD Brass	14mm (2/16")

Contact Tips



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

Head Assembly



STOCK CODE	TIP SERIES
4435*	7400

* Denotes standard build

ROLL MARKING

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

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	Plastic Nipple	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	Plastic Nipple	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



TRG

Designed for performance, durability and strength, the Parweld TRG MIG range offers a classic design with Parweld's innovative additions.


Parweld
PANTHER

P3825

SIZE 10

CE


11288 EM400 01/06/17
4244 515/006 11/16 A

RE-ENGINEERED FOR PERFORMANCE



KEY FEATURES



NOZZLES

Maximum wall thickness gives longevity and superior performance.

Copper construction improves heat dissipation.

Manufactured to the same specifications as the OEM.

CONTACT TIPS

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

SWAN NECKS

Heavy duty aluminium outer jacket.

Durable and robust.

HANGER HOOKS

Easy to store

Less prone to damage.

Encourages an efficient and tidy workspace.

HANDLE

Maximises user comfort.

Designed for balance, lightness and strength.

Enhances wire feeding performance.

CABLE SUPPORTS

Improved wire feed.

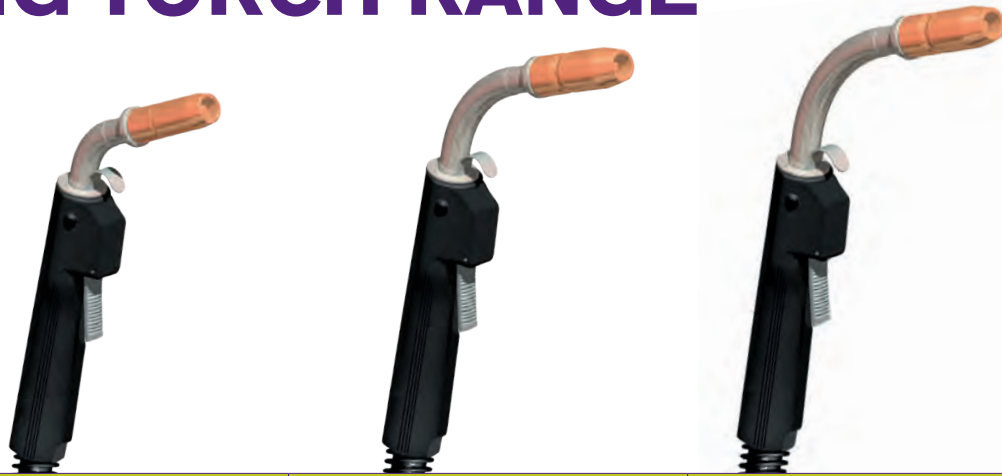
The perfect balance of freedom of movement and progressive support of the power cable is achieved.

GUN PLUG BODIES

Spring loaded pins for improved contact.



TRG MIG TORCH RANGE



		TRG 300A	TRG 400A	TRG 500A
STOCK CODE	10FT	T3010E	T4010E	T5010E
	12FT	T3012E	T4012E	T5012E
	15FT	T3015E	T4015E	T5015E
COOLING	Air		Air	Air
RATING	300A CO ₂ 200A Mixed Gas @ 60%		400A CO ₂ 300A Mixed Gas @ 60%	500A CO ₂ 350A Mixed Gas @ 60%
WIRE SIZE	0.8mm-1.2mm (.030"-0.045")		1.0mm-1.6mm (.040"-1/16")	1.2mm-2.4mm (.045"-3/32")

TRG LINERS

				TRG200	TRG300	TRG400	TRG500	TRG600
A	STOCK CODE	LENGTH	WIRE SIZE					
Steel Liner	415-23-15	15ft	0.6mm (.023")	■	■	□	□	□
	415-30-15	15ft	0.8mm (.030")	■	■	□	□	□
	415-35-15	15ft	0.9mm-1.2mm (.035-.045")	■	■	□	□	□
	415-116-10	10ft	1.2-1.6mm (.045-1/16")			■	■	■
	415-116-15	15ft	1.2-1.6mm (.045-1/16")			■	■	■
	415-116-25	25ft	1.2-1.6mm (.045-1/16")			■	■	■
	415-332-10	10ft	2.4mm (3/32")			□	□	■
415-332-15	15ft	2.4mm (3/32")			□	□	■	



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

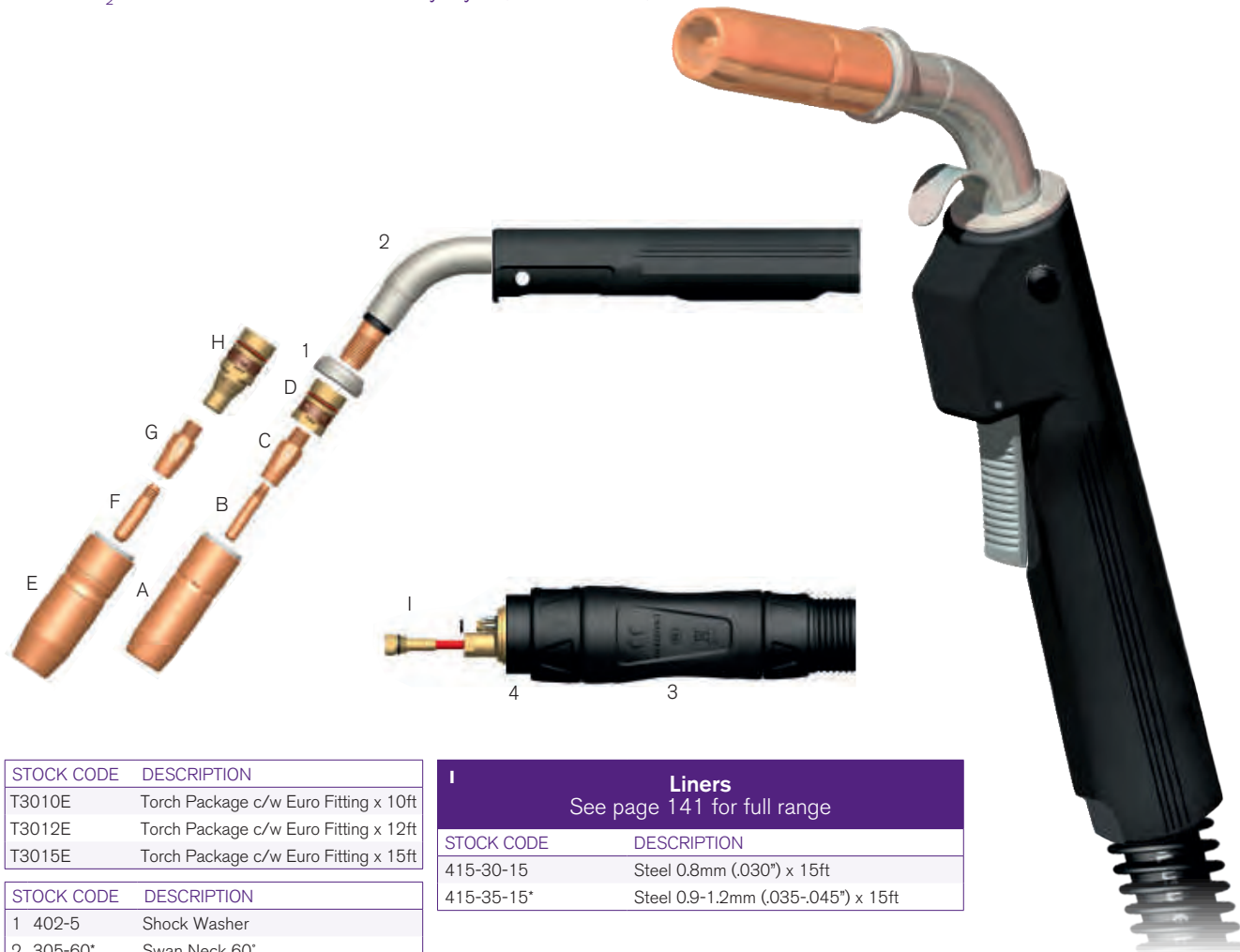
0.6-0.9mm Wire ■ Blue
 1.0-1.2mm Wire ■ Red
 1.2-1.6mm Wire ■ Yellow
 2.0-2.4mm Wire ■ Green



TRG 300A

AIR COOLED MIG TORCH

300A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7, 0.8mm-1.2mm (.030"-0.045") Wires



STOCK CODE	DESCRIPTION
T3010E	Torch Package c/w Euro Fitting x 10ft
T3012E	Torch Package c/w Euro Fitting x 12ft
T3015E	Torch Package c/w Euro Fitting x 15ft

STOCK CODE	DESCRIPTION
1 402-5	Shock Washer
2 305-60*	Swan Neck 60"
3 TR1518	Euro Rear End Housing Kit
4 TR1519	Gun Plug Housing Nut

I Liners See page 141 for full range	
STOCK CODE	DESCRIPTION
415-30-15	Steel 0.8mm (.030") x 15ft
415-35-15*	Steel 0.9-1.2mm (.035-.045") x 15ft

REPLACEMENT PARTS AVAILABLE
visit www.parweld.com for more information.

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more information.

Recessed Tip Nozzles

A

73mm (2.87")

Bore

Ø24mm

3mm (1/8") tip recess

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

Contact Tips

B

34mm (1.34")

Ø1/4"

1/4" UNC

STOCK CODE	WIRE SIZE	MATERIAL
403-30	0.8mm (.030")	ECu
403-35*	0.9mm (.035")	ECu
403-10	1.0mm (.040")	ECu
403-45	1.2mm (.045")	ECu

Gas Diffuser

C

32mm (1.26")

1/4" UNC

3/8" UNF

STOCK CODE	TIP THREAD
404*	1/4" UNC

Standard Retaining Head

D

24mm (0.94")

Ø19mm

9/16" UNF

STOCK CODE
402-3*

HD Nozzles

E

77mm (3")

Bore

Ø27mm

6.5mm (1/4") tip recess

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

F

73mm (2.87")

Bore

Ø27mm

3mm (1/6") tip recess

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

HD Contact Tips

F

34mm (1.34")

Ø5/16"

5/16" UNC

403-1-30	0.8mm (.030")	ECu
403-1-35	0.9mm (.035")	ECu
403-1-10	1.0mm (.040")	ECu
403-1-45	1.2mm (.045")	ECu

HD Gas Diffuser

G

32mm (1.26")

5/16" UNC

3/8" UNF

404-1

HD Retaining Head

H

45mm (1.77")

5/16" UNC

9/16" UNF

Ø19mm

404-3

* Denotes standard build

ROLL MARKING

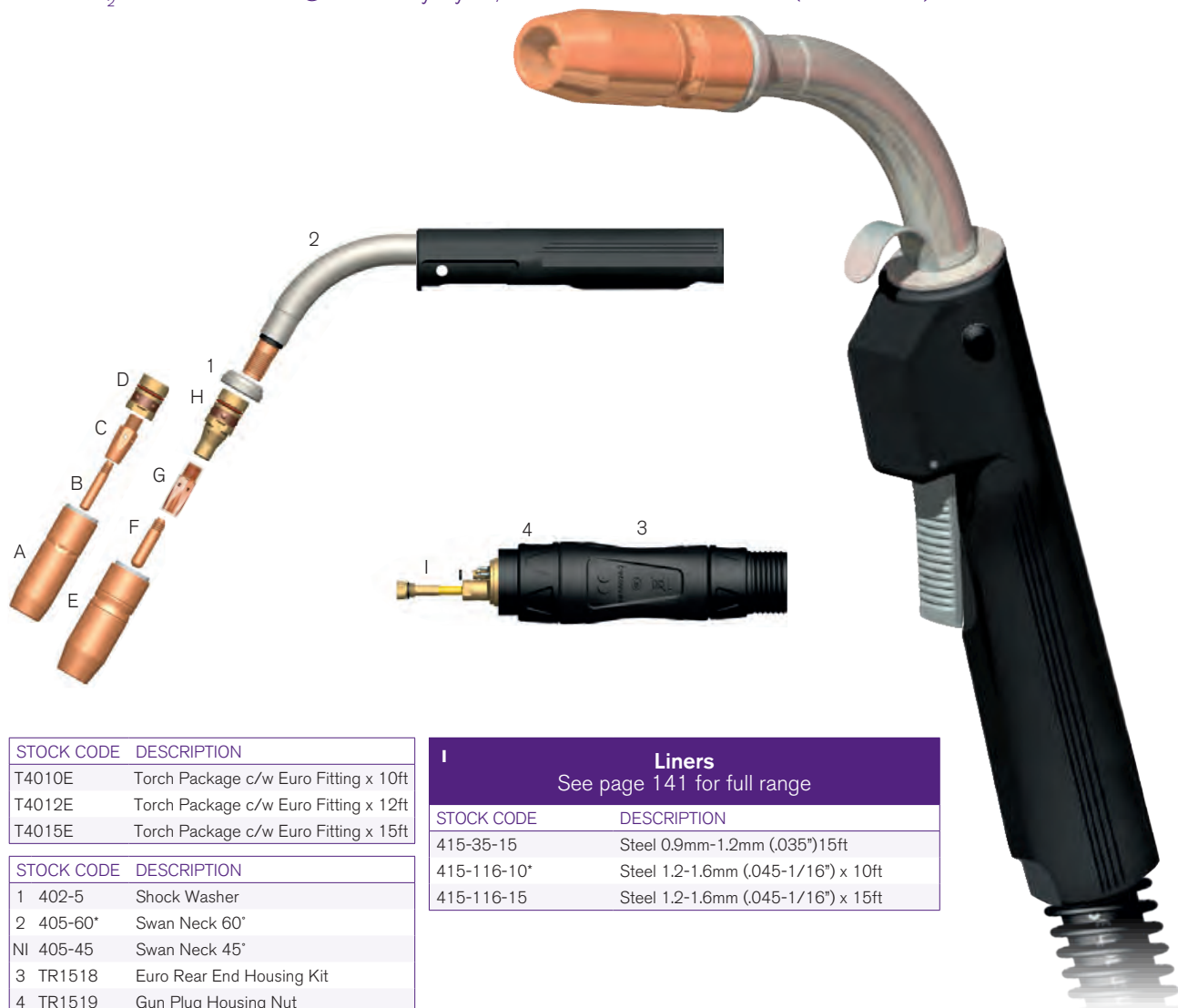
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



TRG 400A

AIR COOLED MIG TORCH

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



STOCK CODE	DESCRIPTION
T4010E	Torch Package c/w Euro Fitting x 10ft
T4012E	Torch Package c/w Euro Fitting x 12ft
T4015E	Torch Package c/w Euro Fitting x 15ft

STOCK CODE	DESCRIPTION
1 402-5	Shock Washer
2 405-60*	Swan Neck 60°
NI 405-45	Swan Neck 45°
3 TR1518	Euro Rear End Housing Kit
4 TR1519	Gun Plug Housing Nut

I Liners See page 141 for full range	
STOCK CODE	DESCRIPTION
415-35-15	Steel 0.9mm-1.2mm (.035")15ft
415-116-10*	Steel 1.2-1.6mm (.045-1/16") x 10ft
415-116-15	Steel 1.2-1.6mm (.045-1/16") x 15ft

REPLACEMENT PARTS AVAILABLE
visit www.parweld.com for more
information.

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for more
information.

Recessed Tip Nozzles

A

73mm (2.87")

Bore

Ø24mm

3mm (1/8") tip recess

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

Contact Tips

B

34mm (1.34")

Ø1/4"

1/4" UNC

STOCK CODE	WIRE SIZE	MATERIAL
403-10	1.0mm (.040")	ECu
403-45	1.2mm (.045")	ECu
403-52	1.3mm (.052")	ECu
403-116	1.6mm (1/16")	ECu

Gas Diffuser

C

32mm (1.26")

1/4" UNC

3/8" UNF

STOCK CODE	TIP THREAD
404*	1/4" UNC

Standard Retaining Head

D

24mm (0.94")

Ø19mm

9/16" UNF

STOCK CODE
402-3*

HD Nozzles

E

77mm (3")

Bore

Ø27mm

6.5mm (1/4") tip recess

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

F

73mm (2.87")

Bore

Ø27mm

3mm (1/6") tip recess

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

HD Contact Tips

F

34mm (1.34")

Ø5/16"

5/16" UNC

403-1-10	1.0mm (.040")	ECu
403-1-45	1.2mm (.045")	ECu
403-1-52	1.3mm (.052")	ECu
403-1-116	1.6mm (1/16")	ECu

HD Gas Diffuser

G

32mm (1.26")

5/16" UNC

3/8" UNF

404-1

HD Retaining Head

H

45mm (1.77")

5/16" UNC

9/16" UNF

Ø19mm

404-3

* Denotes standard build

ROLL MARKING

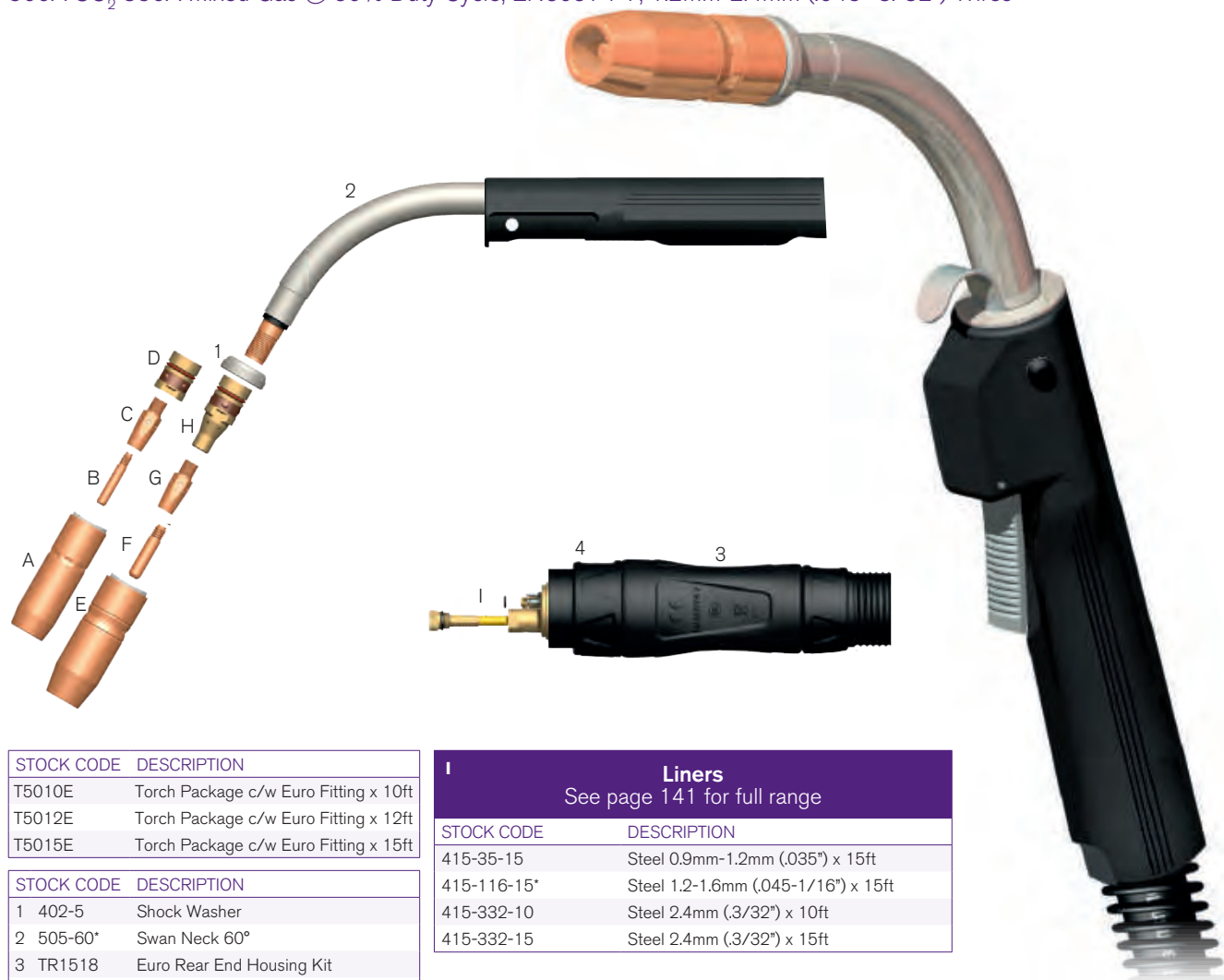
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



TRG 500A

AIR COOLED MIG TORCH

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



STOCK CODE	DESCRIPTION
T5010E	Torch Package c/w Euro Fitting x 10ft
T5012E	Torch Package c/w Euro Fitting x 12ft
T5015E	Torch Package c/w Euro Fitting x 15ft

STOCK CODE	DESCRIPTION
1 402-5	Shock Washer
2 505-60*	Swan Neck 60°
3 TR1518	Euro Rear End Housing Kit
4 TR1519	Gun Plug Housing Nut

I Liners See page 141 for full range	
STOCK CODE	DESCRIPTION
415-35-15	Steel 0.9mm-1.2mm (.035") x 15ft
415-116-15*	Steel 1.2-1.6mm (.045-1/16") x 15ft
415-332-10	Steel 2.4mm (.3/32") x 10ft
415-332-15	Steel 2.4mm (.3/32") x 15ft

REPLACEMENT PARTS AVAILABLE
visit www.parweld.com for more
information.

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 for more
information.

Recessed Tip Nozzles

A

73mm (2.87")

Ø24mm

3mm/1/8" tip recess

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

Contact Tips

B

34mm (1.34")

Ø1/4"

1/4" UNC

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

Gas Diffuser

C

32mm (1.26")

1/4" UNC

3/8" UNF

STOCK CODE	TIP THREAD
404*	1/4" UNC

Standard Retaining Head

D

24mm (0.94")

Ø19mm

9/16" UNF

STOCK CODE
402-3

HD Nozzles

E

77mm (3")

Ø27mm

6.5mm (1/4") tip recess

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

F

73mm (2.87")

Ø27mm

3mm (1/6") tip recess

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

HD Contact Tips

F

34mm (1.34")

Ø5/16"

5/16" UNC

403-1-45	1.2mm (.045")	ECu
403-1-52	1.3mm (.052")	ECu
403-1-116*	1.6mm (1/16")	ECu
403-1-564	2.0mm (5/64")	ECu
403-1-332	2.4mm (3/32")	ECu

HD Gas Diffuser

G

32mm (1.26")

5/16" UNC

3/8" UNF

404-1

HD Retaining Head

H

45mm (1.77")

5/16" UNC

9/16" UNF

Ø19mm

404-3*

* Denotes standard build

ROLL MARKING

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

PNA



The Parweld PNA MIG torch range has been designed to improve functionality, durability and operator productivity.

The design allows for rapid adjustment by rotating the neck to any angle, and the handle system offers the user comfort and easy access.

The PNA torch incorporates rotating necks and compact handles for superior accessibility.

UNCOMPROMISING ENDURANCE

KEY FEATURES

SWAN NECKS

Viton high temperature insulated neck offering improved life.

HANDLE

Maximises user comfort.
Designed for balance, lightness and strength.
Enhances wire feeding performance.

KNUCKLE JOINT

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

CONTACT TIPS

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

HYPERFLEX™ CABLE SYSTEMS

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

GUN PLUG BODIES

Guaranteed gas seals.

MACHINE END SYSTEMS

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



		PNA 350A	PNA 500A
STOCK CODE	3M	YT-35CS3	YT-50CS3
	4.5M	YT-35CSM3	YT-50CSM3
	6M	YT-35CSL3	YT-50CSL3
COOLING	Air		Air
RATING	350A CO ₂ 300A Mixed Gas @ 60%		500A CO ₂ 450A Mixed Gas @ 60%
WIRE SIZE	0.8mm-1.6mm (.030" -1/16")		1.0mm-1.6mm (.040" -1/16")

PNA LINERS

		STOCK CODE	LENGTH	WIRE SIZE	APPLICATION	PNA 350A	PNA 500A
Steel (S121)	A	TDT90001	3m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
		TDT90002	4.5m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
		TDT90003	6m	1.2mm-1.6mm (.045"-.063")	Steel Wires		■
Steel (S161)		TDT90004	3m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	
		TDT90005	4.5m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	
		TDT90006	6m	1.0mm-1.2mm (.040"-.045")	Steel Wires	■	



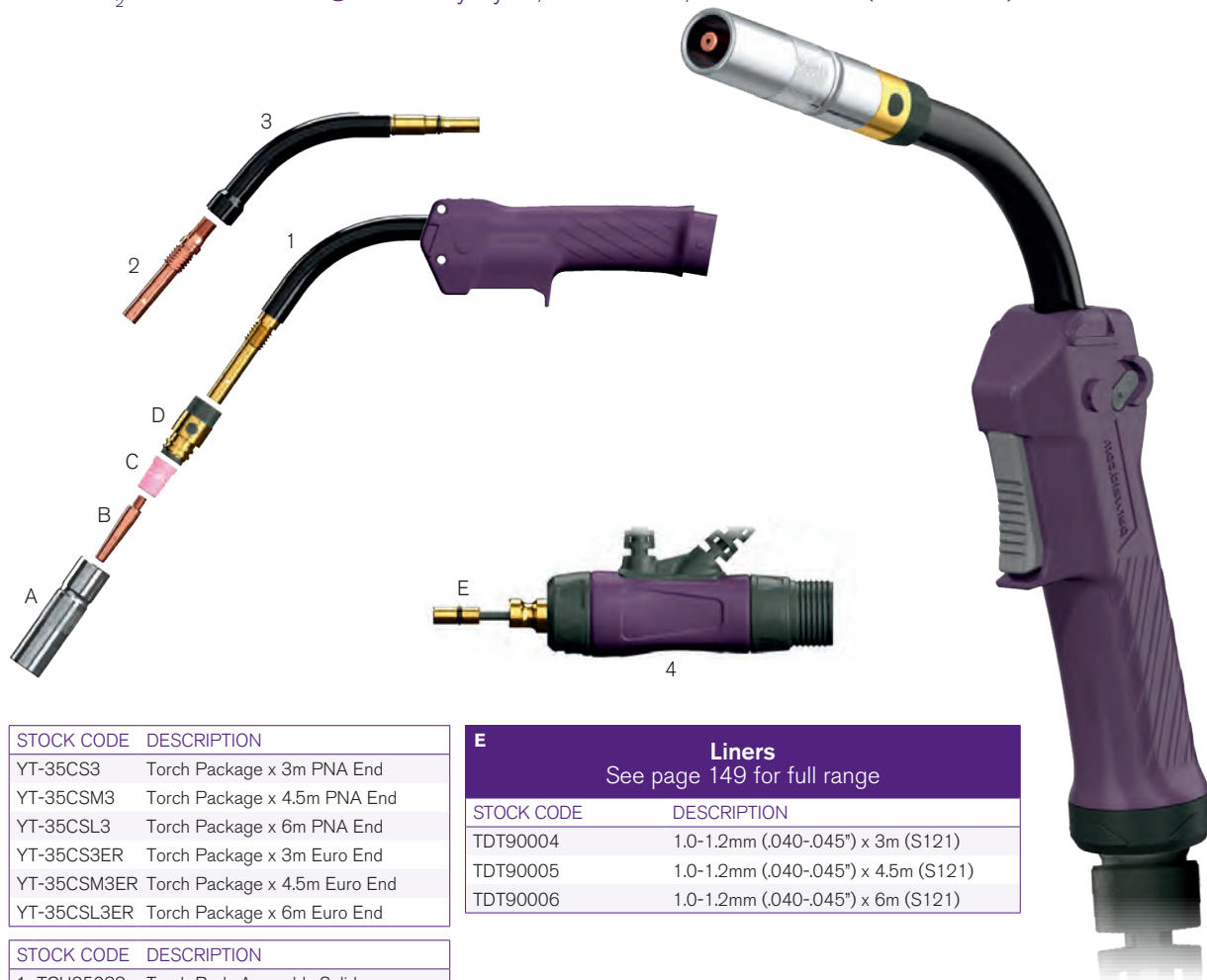
■ Solid Box = Recommended Liner



PNA 350A

AIR COOLED MIG TORCH

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



STOCK CODE	DESCRIPTION
YT-35CS3	Torch Package x 3m PNA End
YT-35CSM3	Torch Package x 4.5m PNA End
YT-35CSL3	Torch Package x 6m PNA End
YT-35CS3ER	Torch Package x 3m Euro End
YT-35CSM3ER	Torch Package x 4.5m Euro End
YT-35CSL3ER	Torch Package x 6m Euro End

STOCK CODE	DESCRIPTION
1 TCU35022	Torch Body Assembly Solid
2 TEB35116	Tip Adaptor Screw On
3 TCU35002	Torch Body Screw On Adaptor Type
4 TSMH0019	PNA Termination Housing c/w Nut

E Liners	
See page 149 for full range	
STOCK CODE	DESCRIPTION
TDT90004	1.0-1.2mm (.040-.045") x 3m (S121)
TDT90005	1.0-1.2mm (.040-.045") x 4.5m (S121)
TDT90006	1.0-1.2mm (.040-.045") x 6m (S121)

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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more
information.

Nozzle

A

STOCK CODE	BORE
TGN00038	16mm (5/8")

Contact Tips

B

STOCK CODE	WIRE SIZE	MATERIAL
TET00844	0.8mm (.030")	CuCrZr
TET01072	1.0mm (.040")	CuCrZr
TET12010	1.2mm (.045")	CuCrZr

Gas Diffuser

C

STOCK CODE
TGR01001

Insulator

D

STOCK CODE
TFZ35101

* Denotes standard build

ROLL MARKING

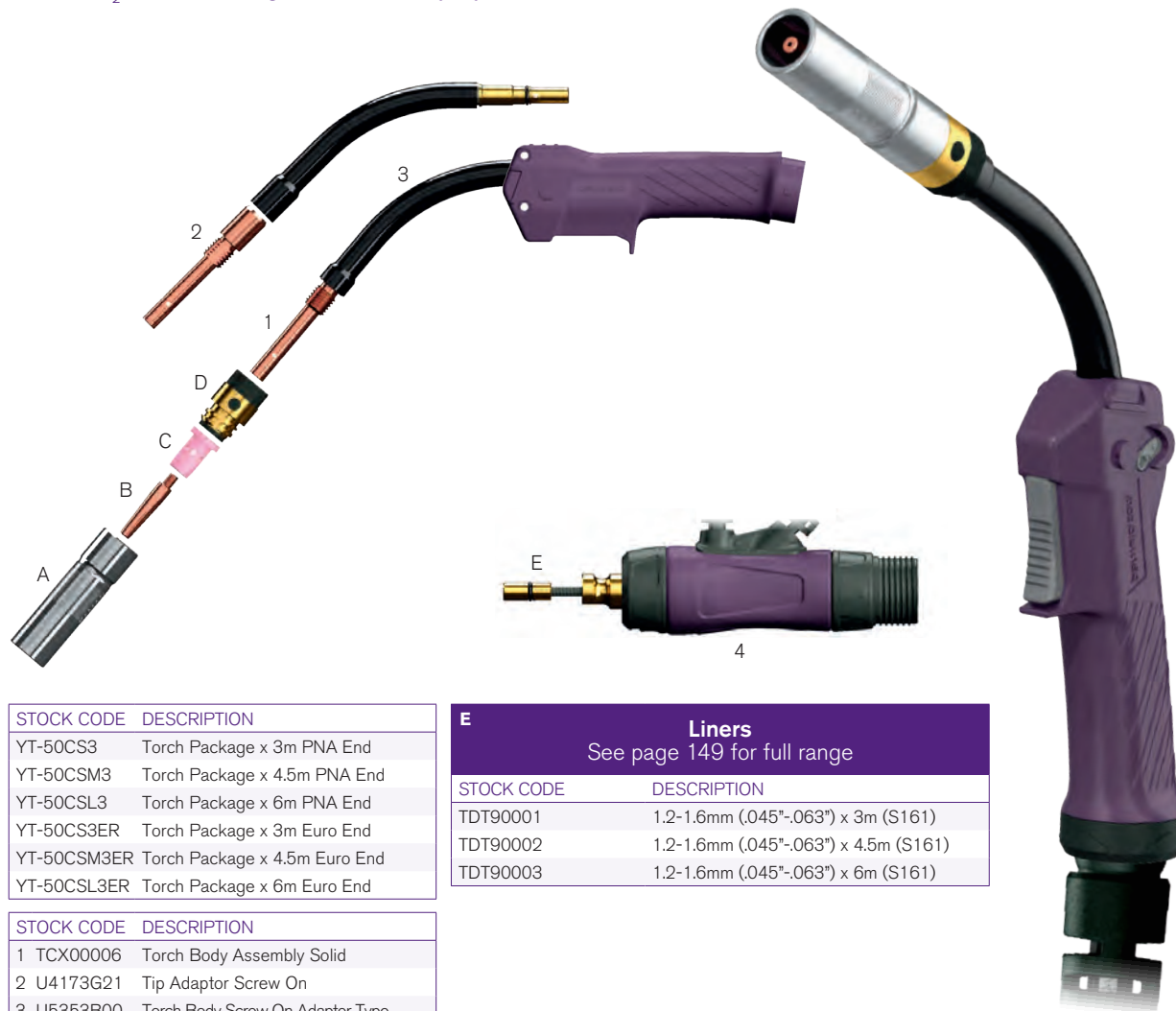
All Parweld consumables are roll marked to enable you to identify genuine Parweld product.



PNA 500A

AIR COOLED MIG TORCH

500A CO₂ 450A mixed gas @ 60% Duty Cycle, EN60974-7, 1.0mm-1.6mm (.040"-1/16") Wires



STOCK CODE	DESCRIPTION
YT-50CS3	Torch Package x 3m PNA End
YT-50CSM3	Torch Package x 4.5m PNA End
YT-50CSL3	Torch Package x 6m PNA End
YT-50CS3ER	Torch Package x 3m Euro End
YT-50CSM3ER	Torch Package x 4.5m Euro End
YT-50CSL3ER	Torch Package x 6m Euro End

STOCK CODE	DESCRIPTION
1 TCX00006	Torch Body Assembly Solid
2 U4173G21	Tip Adaptor Screw On
3 U5353B00	Torch Body Screw On Adaptor Type
4 TSMH0019	PNA Termination Housing c/w Nut

E Liners	
See page 149 for full range	
STOCK CODE	DESCRIPTION
TDT90001	1.2-1.6mm (.045"-0.063") x 3m (S161)
TDT90002	1.2-1.6mm (.045"-0.063") x 4.5m (S161)
TDT90003	1.2-1.6mm (.045"-0.063") x 6m (S161)

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

ALTERNATIVE ENDS AVAILABLE
See pages 164 - 165 for more
information.

Nozzle

A

STOCK CODE	BORE
TGN00050	19mm (3/4")

Contact Tips

B

STOCK CODE	WIRE SIZE	MATERIAL
TET00842	0.8mm (.030")	CuCrZr
TET01068	1.0mm (.040")	CuCrZr
TET01297	1.2mm (.045")	CuCrZr

Gas Diffuser

C

STOCK CODE
TGR00902

Insulator

D

STOCK CODE
TFZ50107

* Denotes standard build

ROLL MARKING

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

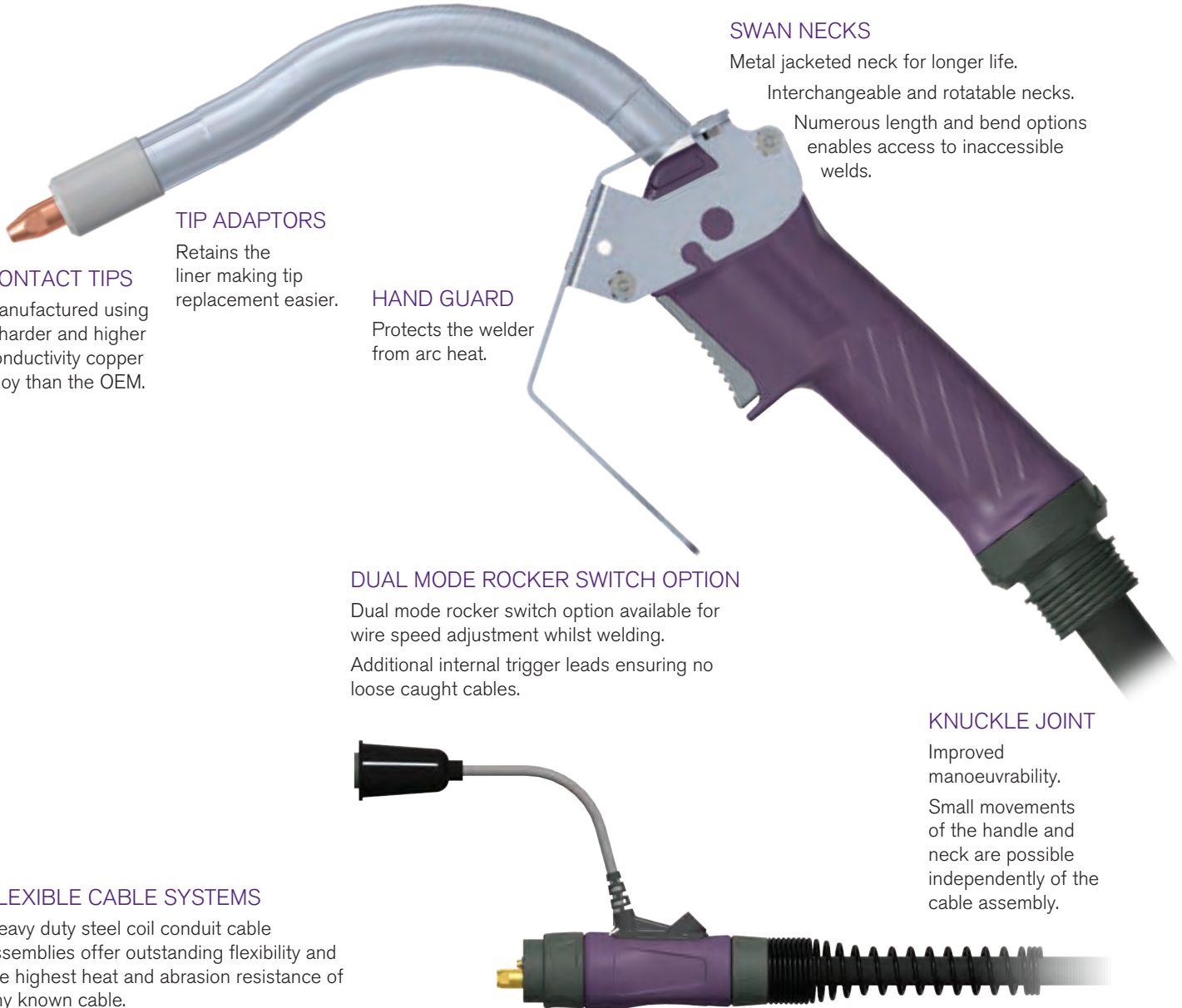
PRO-FC



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.

WELDING WHERE EVER

KEY FEATURES



CONTACT TIPS

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

TIP ADAPTORS

Retains the liner making tip replacement easier.

HAND GUARD

Protects the welder from arc heat.

SWAN NECKS

Metal jacketed neck for longer life.

Interchangeable and rotatable necks.

Numerous length and bend options enables access to inaccessible welds.

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.

FLEXIBLE CABLE SYSTEMS

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

KNUCKLE JOINT

Improved manoeuvrability.

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

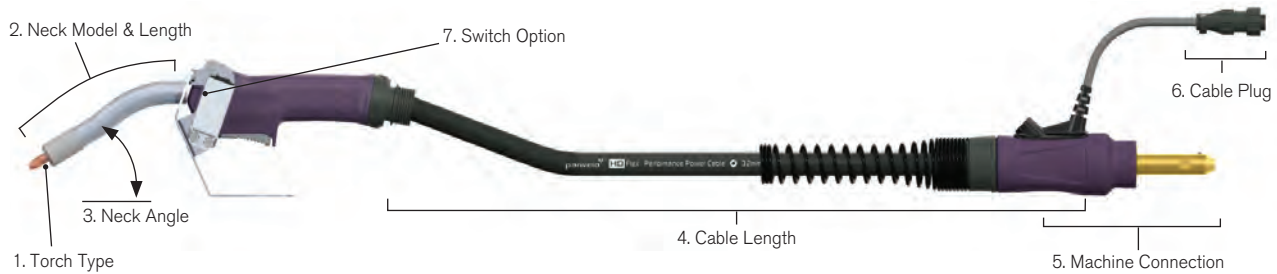


PRO-FC MIG TORCH RANGE



		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
	USA Build	8ft	LNU3500-08E	LNU4500-08E
		10ft	LNU3500-10E	LNU4500-10E
		15ft	LNU3500-15E	LNU4500-15E
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 ORDERING GUIDE



Package Stock Code Example:

European Pro-FC Torch, model 350A 6" long neck standard build, with a 30° angle, 3 metre (10ft) long cable, Miller® machine connection with a ERCP1 cable plug with a rocker switch.

LNE 35 30 - 10 M 1 R

1. TORCH TYPE	
STOCK CODE	TYPE
LNE	European
LNU	USA

2. NECK MODEL & LENGTH		
STOCK CODE	MODEL	LENGTH
35	350A	6"
45	450A	9"

3. NECK ANGLE	
STOCK CODE	ANGLE
00	Standard build
05	5°
25	25°
30	30°
45	45°
50	50°
60	60°
70	70°

5. MACHINE CONNECTION	
STOCK CODE	DESCRIPTION
E	Euro
M	Miller®
T	Tweco® No.4
H	Hobart®
LS	Lincoln Electric® SP
LN	Lincoln Electric® LN
N	NAS

4. CABLE LENGTH	
STOCK CODE	LENGTH
08	2.4m (8ft)
10	3m (10ft)
15	4.5m (15ft)

7. SWITCH OPTION	
STOCK CODE	
	Standard Build
R (As illustrated)	Rocker Switch

6. CABLE PLUG
Alternative cable plugs available. See pages 193 - 194 for full list and details. USA Machine Connections are supplied with the appropriate switch cable plug. Only add a plug code if an alternative is required.

Standard Build:

Depending on the model selected, the torch packages are supplied fitted with a 1.6mm or 2.0mm wire contact tip, a liner to suit and insulated guide or thread protector as standard build.

Neck Selection:

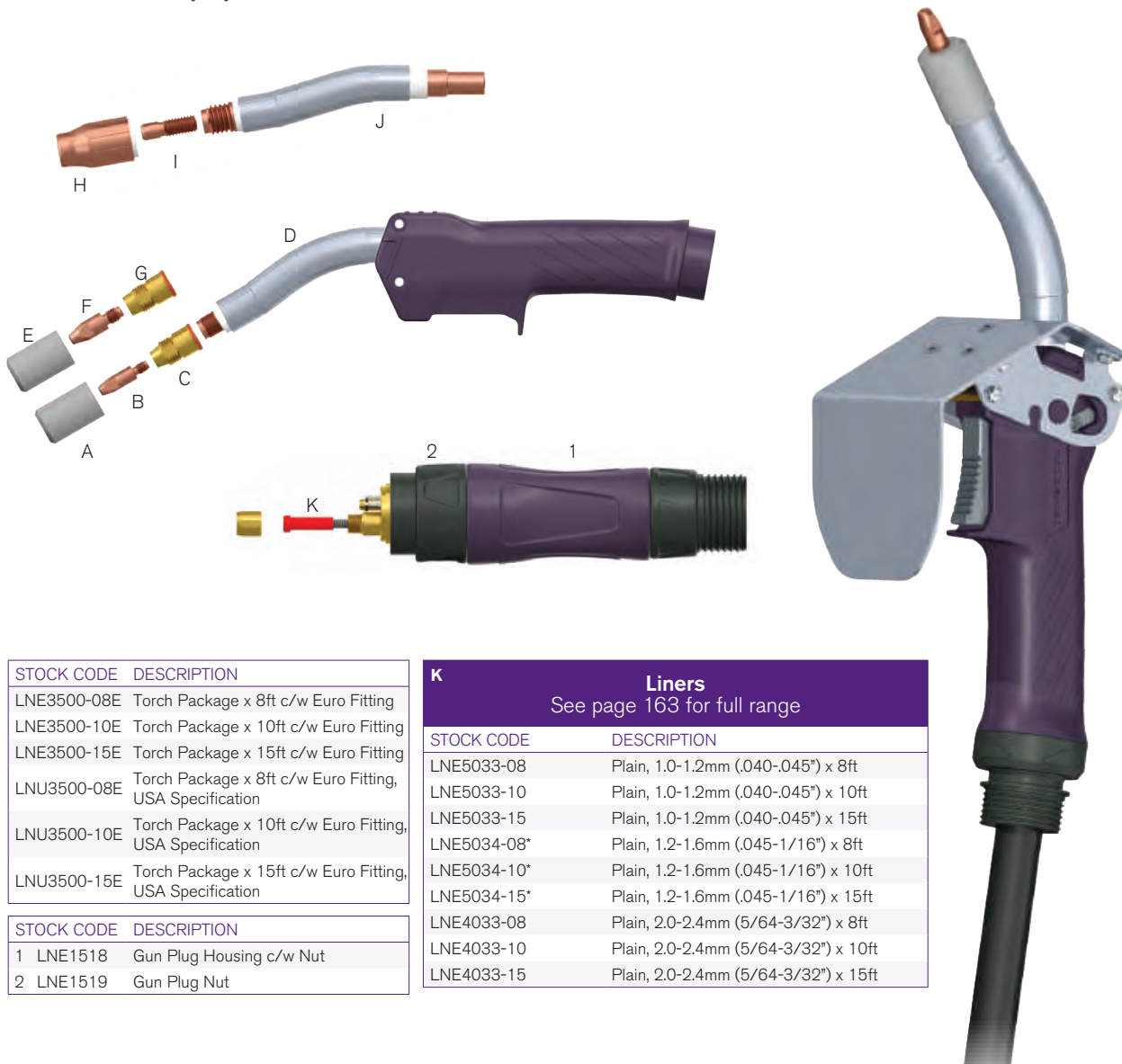
Not every variant of neck angle is available for some lengths. For further information see Neck Range pages or data sheet.



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
LNU3500-08E	Torch Package x 8ft c/w Euro Fitting, USA Specification
LNU3500-10E	Torch Package x 10ft c/w Euro Fitting, USA Specification
LNU3500-15E	Torch Package x 15ft c/w Euro Fitting, USA Specification

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

K Liners See page 163 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 164 - 165 for more information.

EUROPEAN CONSUMABLES:

Thread Protector

STOCK CODE	TIP SIZE
LNE3502*	M6

Contact Tips

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

STOCK CODE	TIP SIZE
LNE3506	M6

Swan Neck

STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

Thread Protector

STOCK CODE	TIP SIZE
LNE4502	M8/M10

Contact Tips

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

STOCK CODE	TIP SIZE
LNE4508	M8

Swan Neck

STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

US CONSUMABLES:

Medium Insulating Guide - USA Specification

STOCK CODE	CONTACT TIP WORK DISTANCE
KP1965-1	70mm (2.3/4")

Short Insulating Guide - USA Specification

STOCK CODE	CONTACT TIP WORK DISTANCE
KP1971-1	38mm (1.1/2")

Contact Tips - USA Specification

STOCK CODE	WIRE SIZE
KP2103-2B1	1.6mm (1/16")
KP2103-1B1	1.8mm (.072")
KP2103-5B1	2.0mm (5/64")
KP2103-4B1	2.4mm (3/32")

Swan Neck - USA Specification

STOCK CODE	LENGTH	ANGLE
KP1908	6"	10°

* Denotes standard build

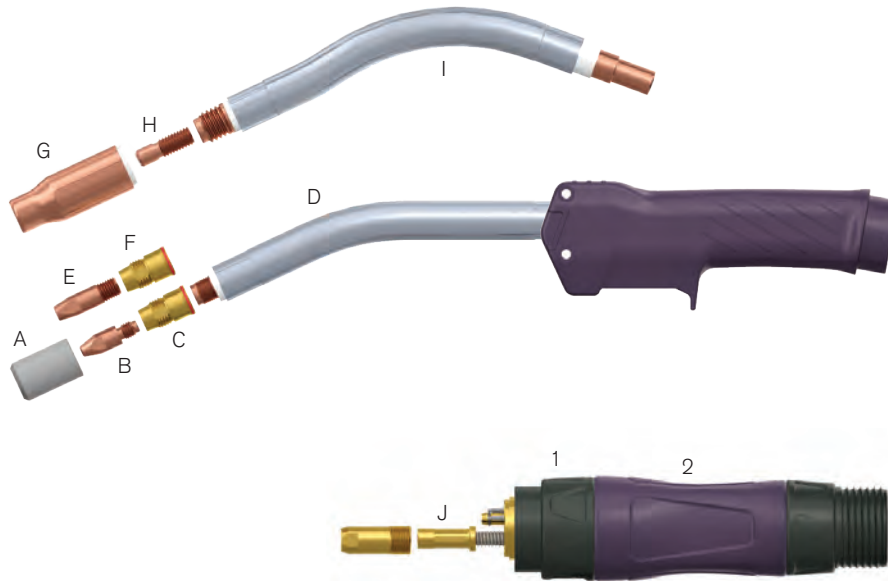
ALTERNATIVE SWAN NECKS AVAILABLE
See pages 162 for more information.



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
LNU4500-08E	Torch Package x 8ft c/w Euro Fitting, USA Specification
LNU4500-10E	Torch Package x 10ft c/w Euro Fitting, USA Specification
LNU4500-15E	Torch Package x 15ft c/w Euro Fitting, USA Specification

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

J Liners See page 163 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

**ALTERNATIVE SWAN
NECKS AVAILABLE**
See pages 162 for more
information.

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

**ALTERNATIVE ENDS
AVAILABLE**
See pages 164 - 165 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°

Thread Protector	A	
	STOCK CODE	TIP SIZE
	LNE4502	M8/M10

Contact Tips	E	
	STOCK CODE	WIRE SIZE
	LNE4524-16	1.6mm (1/16")
	LNE4524-20	2.0mm (5/64")
	LNE4524-24	2.4mm (3/32")
	LNE4524-28	2.8mm (7/64")
LNE4524-32	3.2mm (1/8")	

Tip Adaptor	F	
	STOCK CODE	TIP SIZE
	LNE4510	M10

Swan Neck	D		
	STOCK CODE	LENGTH	ANGLE
	LNE45925	9"	25°

US CONSUMABLES:

Medium Insulating Guide - USA Specification	G	
	STOCK CODE	CONTACT TIP WORK DISTANCE
	KP1965-1	70mm/2.3/4"
Short Insulating Guide-USA Specification	G	
	STOCK CODE	CONTACT TIP WORK DISTANCE
	KP1971-1	38mm/1.1/2"



Contact Tips - USA Specification	H	
	STOCK CODE	WIRE SIZE
	KP2103-2B1	1.6mm (1/16")
	KP2103-1B1	1.8mm (.072")
	KP2103-5B1	2.0mm (5/64")
	KP2103-4B1	2.4mm (3/32")
KP2103-6B1	2.8mm (7/64")	
KP2103-3B1	3.0mm (.118")	



Swan Neck - USA Specification	I		
	STOCK CODE	LENGTH	ANGLE
	KP1910	9"	45°
	KP1907 (NI)	9"	70°





PRO-FC SWAN NECKS


EUROPEAN SPECIFICATION:


Swan Necks						
	<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE35605</td> <td>6"</td> <td>5°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE35605	6"
STOCK CODE	LENGTH	ANGLE				
LNE35605	6"	5°				
						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE45925</td> <td>9"</td> <td>25°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE45925	9"	25°
STOCK CODE	LENGTH	ANGLE				
LNE45925	9"	25°				


						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE35630</td> <td>6"</td> <td>30°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE35630	6"	30°
STOCK CODE	LENGTH	ANGLE				
LNE35630	6"	30°				
						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE45945</td> <td>9"</td> <td>45°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE45945	9"	45°
STOCK CODE	LENGTH	ANGLE				
LNE45945	9"	45°				

						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE35650</td> <td>6"</td> <td>50°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE35650	6"	50°
STOCK CODE	LENGTH	ANGLE				
LNE35650	6"	50°				
						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>LNE45970</td> <td>9"</td> <td>70°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	LNE45970	9"	70°
STOCK CODE	LENGTH	ANGLE				
LNE45970	9"	70°				

USA SPECIFICATION:

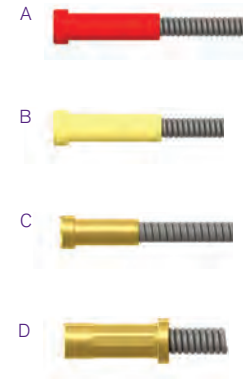
Swan Necks - USA Specification						
	<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>KP1908</td> <td>6"</td> <td>10°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	KP1908	6"
STOCK CODE	LENGTH	ANGLE				
KP1908	6"	10°				

						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>KP1910</td> <td>9"</td> <td>45°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	KP1910	9"	45°
STOCK CODE	LENGTH	ANGLE				
KP1910	9"	45°				

						
<table border="1"> <thead> <tr> <th>STOCK CODE</th> <th>LENGTH</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>KP1907</td> <td>9"</td> <td>70°</td> </tr> </tbody> </table>	STOCK CODE	LENGTH	ANGLE	KP1907	9"	70°
STOCK CODE	LENGTH	ANGLE				
KP1907	9"	70°				

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



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.



STOCK CODE	MACHINE TYPE
T	Tweco®
M	Miller®
N	NAS
LS	Lincoln Electric® SP
H	Hobart®
MX	Miller® - Small Housing
NX	NAS - Small Housing

Miller®, Tweco®, Hobart®, Lincoln Electric®, Hobart® trademarks are the property of their respective owners, and usage is for reference 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.

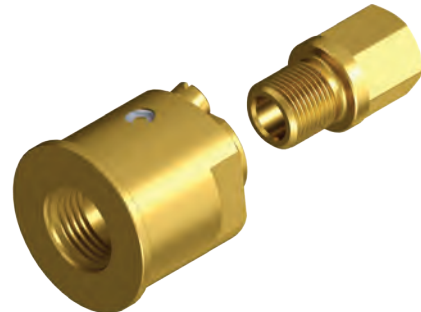
TW 2022 MK

1. PIN/MACHINE TYPE		2. TORCH RANGE		3. KIT TYPE	
STOCK CODE	MACHINE TYPE	STOCK CODE	RANGE	STOCK CODE	DESCRIPTION
TW	Tweco® No.4	2022	XP8	MK	Modular Kit
ML	Miller®	1528	BZL		
NS	NAS	1575	TWC		
LS	Lincoln Electric® SP	5060	BND		
HB	Hobart®	414	TRG		
		6028	PRO-FC		

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.





KMP CONSUMABLES

Compatible with MT 18, KMG/FE 20,
MT/KMG/FE/MMT/PMT 25

Nozzle			
	STOCK CODE	TYPE	BORE
	9580101	Conical	14mm (.55")
Nozzle Insulator			
	STOCK CODE		
	9591010		

Compatible with FE/MMT/PMT 27,
FE/MMT/PMT 32, MMT/PMT/WS 30W

Nozzle			
	STOCK CODE	TYPE	BORE
	4294970	Conical (M6)	14mm (.55")
	4295760	Conical (M8)	14mm (.55")

MT/KMG 32

Nozzle			
	STOCK CODE	TYPE	BORE
	4259120	Cylindrical	16mm (5/8")

Compatible with PMT MN, PMT 30,
MT 38, KMG/MMT/PMT 40, PMT 50

Nozzles			
	STOCK CODE	TYPE	BORE
	4273510	Conical	12.5mm (.49")
Nozzles			
	STOCK CODE	TYPE	BORE
	4255530	Cylindrical	16mm (5/8")
Nozzle Insulator			
	STOCK CODE		
	4248710		

ALL MODELS

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	9876634	0.6mm (.023")	ECu
	9876635	0.8mm (.030")	ECu
	9876633	0.9mm (.035")	ECu
	9876636	1.0mm (.040")	ECu
	9876637	1.2mm (.045")	ECu
	9876639	1.6mm (1/16")	ECu

ALL MODELS

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	9580122	0.8mm (.030")	ECu
	9580121	0.9mm (.035")	ECu
	9580123	1.0mm (.040")	ECu
	9580124	1.2mm (.045")	ECu
	9580124A	1.2mm (.045")	ECu Al Wire
	9580125	1.4mm (.055")	ECu
	9580126	1.6mm (1/16")	ECu

Compatible with PMT MN, MT 38,
KMG 40

Tip Adaptors			
	STOCK CODE	TIP THREAD	NECK THREAD
	4255420	M8	M10x1
	4255421	M8	M10x1

Compatible with MT 18, KMG/FE 20,
MMG 22, MT/KMG/FE/MMT/PMT 25

Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	9580173	M6	M9

Compatible with PMT MN, FE/MMT/
PMT 27, FE/MMT/PMT 32, MMT/
PMT/WS 30W

Tip Adaptors			
	STOCK CODE	TIP THREAD	NECK THREAD
	4295740	M8	M8 x 1
	4294890	M6	M8 x 1

Compatible with PMT 30, MMT/PMT
40, PMT 50

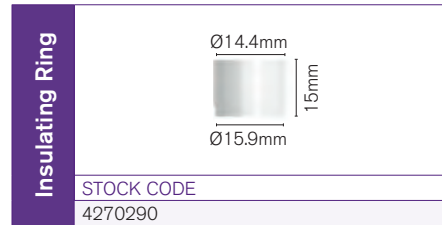
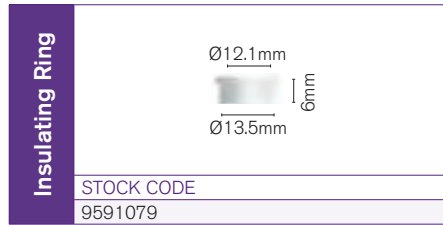
Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	426964001	M8	M11x1

Use of the manufacturers part number and model number is for reference only. These products are not endorsed by the original manufacturer.

Compatible with MT 18, KMG/FE 20, MMG 22, MT/KMG/FE/MMT/PMT 25

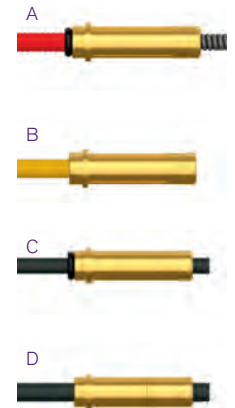
Compatible with PMT 30, MMT/PMT 40, PMT 50

Compatible with PMT MN, FE/MMT/PMT 27, FE/MMT/PMT 32, MMT/PMT/WS 30W



LINERS

	STOCK CODE	LENGTH	WIRE SIZE	APPLICATION	MT 18, FE/KMG 20, FE/PMT/MT/MMT/KMG 25	FE/MMT/PMT 27, FE/MMT/PMT /MT/KMG 32, MT 38, KMG 40	MMT/PMT/WS 30W	PMT 30	PMT/MT 40	PMT 50
A Steel	4188578	2.5m	0.6-0.8mm (.023-.030")	Steel Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4188579	3m	0.6-0.8mm (.023-.030")	Steel Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4188571	3m	0.6-0.8mm (.023-.030")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4188572	4.5m	0.6-0.8mm (.023-.030")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A	4188577	4m	0.6-0.8mm (.023-.030")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4188588	2.5m	0.9-1.2mm (.035-.045")	Steel Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4188589	3m	0.9-1.2mm (.035-.045")	Steel Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Polyamide Copper	4302100	3m	0.9-1.2mm (.035-.045")	Soft Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Steel	4188590	4m	1.6mm (1/16")	Steel Wires		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	4188591	3m	1.6mm (1/16")	Steel Wires		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	4188592	4.5m	1.6mm (1/16")	Steel Wires		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D Polyamide Copper	4300850	4.5m	0.8-1.6mm (.030-.063")	Soft Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Steel	4188581	3m	0.9-1.2mm (.035-.045")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	4188587	4m	0.9-1.2mm (.035-.045")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	4188582	4.5m	0.9-1.2mm (.035-.045")	Steel Wires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D Polyamide Copper	4302710	4.5m	0.9-1.2mm (.035-.045")	Soft Wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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

ESB CONSUMABLES

Compatible with PSF 160

Nozzles c/w Insulators		
	STOCK CODE	BORE
	366-946-880	11mm (.43")
	366-854-880	13mm (1/2")
Nozzle Insulator		
	STOCK CODE	
	366-396-001	

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	153-500-001	0.6mm (.023")	ECu
	153-500-002	0.8mm (.030") CO ₂	ECu
	153-500-003	0.8mm (.030")	ECu
	153-500-004	0.9mm (.035")	ECu
Contact Tips			
	468-500-001	0.6mm (.023")	CuCrZr
	468-500-002	0.8mm (.030") CO ₂	CuCrZr
	468-500-003	0.8mm (.030")	CuCrZr
	468-500-004	0.9mm (.035")	CuCrZr
	468-500-005	1.0mm (.040")	CuCrZr

Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	469-249-001	M6	M10

Compatible with PSF 250

Nozzles c/w Insulators		
	STOCK CODE	BORE
	366-946-881	12mm (15/32")
	366-854-881	14mm (9/16")
Nozzle Insulator		
	STOCK CODE	
	366-396-002	

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	153-500-001	0.6mm (.023")	ECu
	153-500-002	0.8mm (.030") CO ₂	ECu
	153-500-003	0.8mm (.030")	ECu
	153-500-004	0.9mm (.035")	ECu
Contact Tips			
	468-500-001	0.6mm (.023")	CuCrZr
	468-500-002	0.8mm (.030") CO ₂	CuCrZr
	468-500-003	0.8mm (.030")	CuCrZr
	468-500-004	0.9mm (.035")	CuCrZr
	468-500-005	1.0mm (.040")	CuCrZr

Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	366-314-001	M6	M10

Compatible with PSF 305/315

Nozzles c/w Insulators		
	STOCK CODE	BORE
	366-946-882	13mm (1/2")
	366-854-882	16mm (5/8")
Nozzle Insulator		
	STOCK CODE	
	366-396-003	

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	468-500-001	0.6mm (.023")	CuCrZr
	468-500-002	0.8mm (.030") CO ₂	CuCrZr
	468-500-003	0.8mm (.030")	CuCrZr
	468-500-004	0.9mm (.035")	CuCrZr
	468-500-005	1.0mm (.040")	CuCrZr
	468-500-007	1.2mm (.045")	CuCrZr
	468-500-008	1.4mm (.055")	CuCrZr

Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	366-394-001	M6	M12

Compatible with PSF 400/405

Nozzles c/w Insulators		
	STOCK CODE	BORE
	366-946-883	14mm (9/16")
	366-854-883	16mm (5/8")
Nozzle Insulator		
	STOCK CODE	
	366-396-004	

Contact Tips			
	STOCK CODE	WIRE SIZE	MATERIAL
	468-502-003	0.8mm (.030")	CuCrZr
	468-502-004	0.9mm (.035")	CuCrZr
	468-502-005	1.0mm (.040")	CuCrZr
	468-502-006	1.1mm (.043")	CuCrZr
	468-502-007	1.2mm (.045")	CuCrZr
	468-502-008	1.4mm (.055")	CuCrZr
	468-502-009	1.6mm (1/16")	CuCrZr
	468-502-010	1.6mm (1/16") CO ₂	CuCrZr

Tip Adaptor			
	STOCK CODE	TIP THREAD	NECK THREAD
	366-394-002	M8	M12

LINERS

	STOCK CODE	LENGTH	WIRE SIZE	APPLICATION	PSF160	PSF250	PSF305/315	PSF400/425
Steel	366-359-882	3m	0.6-0.8mm (.023-.030")	Steel Wires	■	■	■	■
	366-549-883	4.5m	0.6-0.8mm (.023-.030")	Steel Wires	■	■	■	■
	366-549-884	3m	0.9-1.0mm (.035-.040")	Steel Wires	■	■	■	■
	366-549-885	4.5m	0.9-1.0mm (.035-.040")	Steel Wires	■	■	■	■
	366-549-886	3m	1.2mm (.045")	Steel Wires	■	■	■	■
	366-549-887	3m	1.2mm (.045")	Steel Wires	■	■	■	■
	366-549-888	3m	1.6mm (1/16")	Steel Wires	□	□	□	□
	366-549-889	4.5m	1.6mm (1/16")	Steel Wires	□	□	□	□
Nylon	366-550-884	3m	0.9-1.0mm (.035-.040")	Soft Wires	■	■	■	■
	366-550-885	4.5m	0.9-1.0mm (.035-.040")	Soft Wires	■	■	■	■
	366-550-886	3m	1.2mm (.045")	Soft Wires	□	□	□	□
	366-550-887	4.5m	1.2mm (.045")	Soft Wires	□	□	□	□
	366-550-891	4.5m	1.6mm (1/16")	Soft Wires	□	□	□	□



Recommended Liner
 Compatible Liner

Solid Box = Recommended Liner
 Clear Box = Compatible Liner

0.6-0.9mm Wire ■ Blue

1.0-1.2mm Wire ■ Red

FRN CONSUMABLES

Compatible with AL225, 2300, 2500, 262, 3000, 4000, AW225, 352

Compatible with AL3000, 4000

Contact Tips

STOCK CODE	WIRE SIZE	MATERIAL
PW4200010052	0.6mm (.023")	CuCrZr

STOCK CODE	WIRE SIZE	MATERIAL
PW4200010053	0.8mm (.030")	CuCrZr
PW4200010054	1.0mm (.040")	CuCrZr
PW4200010055	1.2mm (.045")	CuCrZr

Contact Tips

STOCK CODE	WIRE SIZE	MATERIAL
PW4200012911	0.8mm (.030")	CuCrZr
PW4200012912	1.0mm (.040")	CuCrZr
PW4200012913	1.2mm (.045")	CuCrZr

Compatible with AL372, 4000, 5000, AW502

Contact Tips

STOCK CODE	WIRE SIZE	MATERIAL
PW4200011576	0.8mm (.030")	CuCrZr
PW4200011577	1.0mm (.040")	CuCrZr
PW4200011578	1.2mm (.045")	CuCrZr
PW4200011930	1.4mm (.055")	CuCrZr
PW4200011579	1.6mm (1/16")	CuCrZr

HIGH TEMP PVC COPPER CABLE



APPLICATIONS



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	16mm ²	168 x 0.3mm	1.4mm	110 Amps	8.4mm	1.31 Ohms/km	200 kg/km	7.8kg
25MMCC	25mm ²	324 x 0.3mm	1.5mm	170 Amps	10.5mm	.850 Ohms/km	300 kg/km	11.7kg
35MMCC	35mm ²	1078 x 0.2mm	1.7mm	240 Amps	12.0mm	.595 Ohms/km	410 kg/km	14.9kg
50MMCC	50mm ²	532 x 0.3mm	1.7mm	345 Amps	12.75mm	.419 Ohms/km	565 kg/km	17.2kg
70MMCC	70mm ²	770 x 0.3mm	1.9mm	485 Amps	15.6mm	.297 Ohms/km	780 kg/km	9.6kg


Use of the manufacturers part number and model number is for reference only. These products are not endorsed by the original manufacturer.

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 Overbraided Hose			
			
STOCK CODE	BORE	OUTER DIAMETER	
B50120BB	5mm (3/16")	8.5mm (.33")	


Red Rubber Overbraided Hose			
			
STOCK CODE	BORE	OUTER DIAMETER	
B50120BR	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	STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE	STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B1536B	1.5mm (.06")	4.0mm (5/32")	0.6-0.9mm (.023-.035")	B2513	2.1mm (5/64")	3.9mm (.15")	1.0-1.2mm (.040-.045")	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")

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

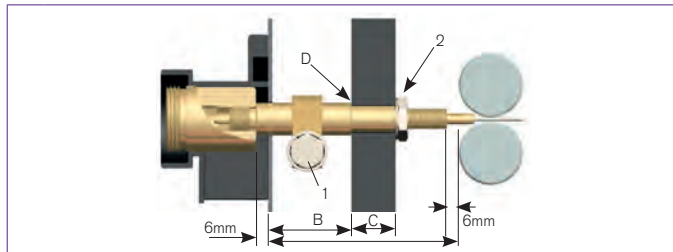
Polyamide Liner			
			
STOCK CODE	BORE	OUTER DIAMETER	WIRE SIZE
B1564P	2.0mm (5/64")	4.0mm (5/32")	0.8-1.2mm (.030"-.045")
B2564P	2.3mm (.09")	4.7mm (.19")	1.2-1.6mm (.045-1/16")
B3564P	2.9mm (.11")	4.7mm (.19")	1.6-2.0mm (1/16-5/64")

SHEATH

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

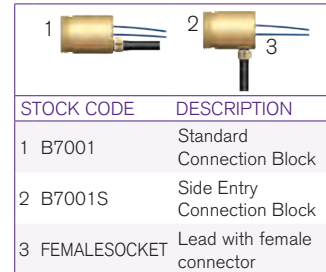
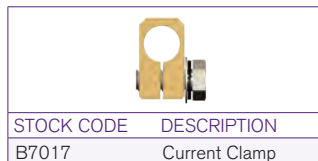
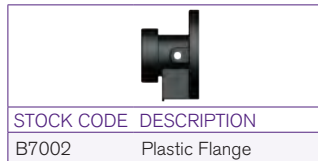
MACHINE CONVERSION KITS

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.

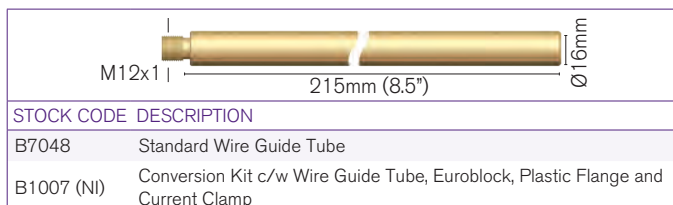
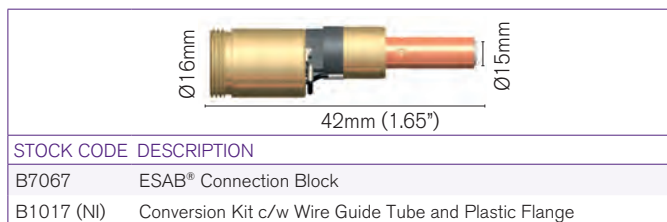


Required Information

- 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))

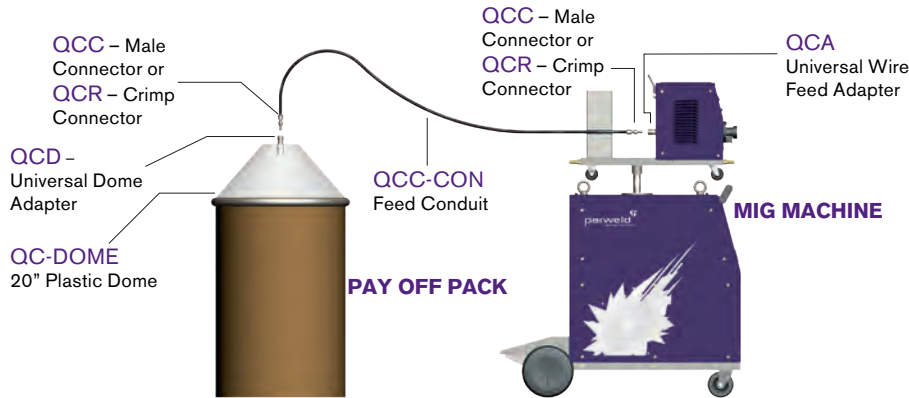


WIRE GUIDE TUBES




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

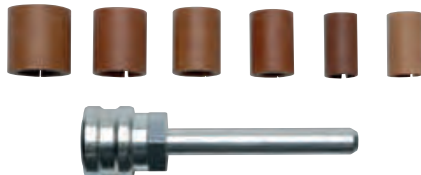


QCC CONDUIT	
STOCK CODE	DESCRIPTION
QCC-CON	Feed Conduit Only (per meter) 27m Coil Length



FEATURES	FITTINGS
High tensile spiral wound inner	5mm (0.198") Inner diameter
Superior kink resistant	12.7mm (0.50") Outer diameter
Rubber insulating cover	Solid wire up to 2.4mm (3/32")
	Corded wire up to 2mm (5/64")

QCA UNIVERSAL WIRE FEED ADAPTOR	
STOCK CODE	DESCRIPTION
QCA	Universal Wire Feed Adaptor




FEATURES

- Provides a female connection on the rear of the wire feeder
- Mounts easily in place of the inlet guide for the majority of MIG feeders
- Female socket accepts QCC connector

FITTINGS

Supplied with a complete range of bushings

QCR CRIMP CONNECTOR	
STOCK CODE	DESCRIPTION
QCR	Crimp Connector



FEATURES

- Compact design
- Permanent connection
- Requires hydraulic crimping machine


QCC CONNECTOR	
STOCK CODE	DESCRIPTION
QCC	Male Connector



FEATURES

- Conduits can be rapidly interchanged without tools
- Provides connection to payoff pack and wire feeding equipment
- Each connector consists of ferrule, compression nut and bayonet
- Easily fixes to conduit with spanners

QCD UNIVERSAL DOME ADAPTOR	
STOCK CODE	DESCRIPTION
QCD	Universal Dome Adaptor



FEATURES

- Utilised for mounting onto plastic domes and payoff packs
- Female socket accepts QCC connector
- Clamps to plastic dome
- Tapered inlet ensures smooth wire feeding
- Supplied complete with washers and a wear resistant steel guide

QC DOME	
STOCK CODE	DESCRIPTION
QC-DOME	QC Dome

FEATURES

- Inspection Flap

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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.

CONSISTANT DURABILITY

CONSUMABLES PRO/ECO/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			
	STOCK CODE	SIZE	BORE
796F70	3L	5mm (3/16")	
796F71	4L	6mm (1/4")	
796F72	5L	8mm (5/16")	
796F73	6L	10mm (3/8")	

Extra Long Ceramic Cups			
	STOCK CODE	SIZE	BORE
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")	

NEW-Wedge Collets		
	STOCK CODE	ELECTRODE SIZE
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 180 for more information.

CONSUMABLES PRO/ECO/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")	

Cullets		
	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")	

NEW-Wedge Cullets		
	STOCK CODE	ELECTRODE SIZE
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 Cullets		
	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 180 for more information.

CONSUMABLES PRO/ECO/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

STOCK CODE	SIZE	BORE
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")

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")

NEW-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
18CG	Cup Gasket

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")

NEW-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 180 for more information.

CONSUMABLES PRO/ECO/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		
STOCK CODE	SIZE	BORE
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")

Cullets	
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")

NEW -Wedge Cullets	
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
54N01	Gas Lens (Use with 18CG)

Insulator	
STOCK CODE	DESCRIPTION
18CG	Cup Gasket

NEW GAS SAVER RANGE
See pages 180 for more information.

CONSUMABLES PRO/ECO/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")

NEW-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
18CG	Cup Gasket

Insulator

STOCK CODE	DESCRIPTION
54N63	Large Gas Lens (Use with 18CG)

BACK CAPS

PRO/ECO/WP9, 20

Short Back Caps

STOCK CODE
PRO41V33
41V33

Medium Back Caps

STOCK CODE
PRO41V35
41V35

Long Back Caps

STOCK CODE
PRO41V24
41V24

PRO/ECO/WP17, 18, 26

Short Back Caps

STOCK CODE
PRO57Y04
57Y04

Long Back Caps

STOCK CODE
PRO57Y02
57Y02



GAS SAVER CONSUMABLES

Our **NEW** Gas Saver Consumables provide the user with a clear view of the welding operation without the obstruction of a traditional ceramic nozzle.

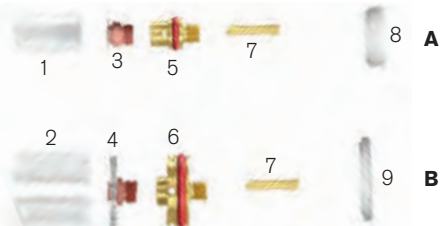
WEDGE COLLET SYSTEM

Ensures reliable clamping of the electrode without the risk of twisting, and can also be used with conventional collet bodies.

COMPACT GAS LENS ASSEMBLY

Improves gas coverage and allows gas flow to be reduced.

PRO/ECO/WP9, 20, 25

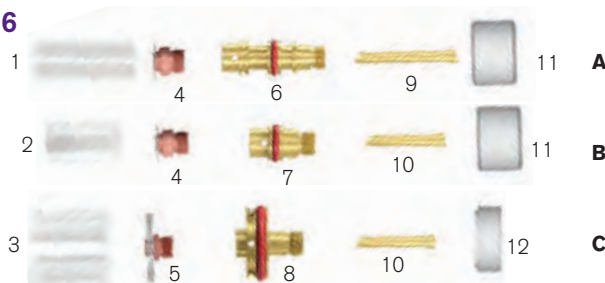


STOCK CODE	DESCRIPTION
1	GNGS-1 Standard Glass Nozzle
2	GNGS-L1 Large Glass Nozzle
3	GLGS-10 Front Gauze Standard 1.0mm
	GLGS-16 Front Gauze Standard 1.6mm
	GLGS-24 Front Gauze Standard 2.4mm
	GLGS-32 Front Gauze Standard 3.2mm
4	LGLGS-10 Front Gauze Large 1.0mm
	LGLGS-16 Front Gauze Large 1.6mm
	LGLGS-24 Front Gauze Large 2.4mm

STOCK CODE	DESCRIPTION
	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
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

PRO/ECO/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

NEW



PRO SWIVEL NECK TORCHES

Our **NEW** swivel torch head options give greater access to difficult welding positions.

CONFIGURE YOUR PART NUMBER

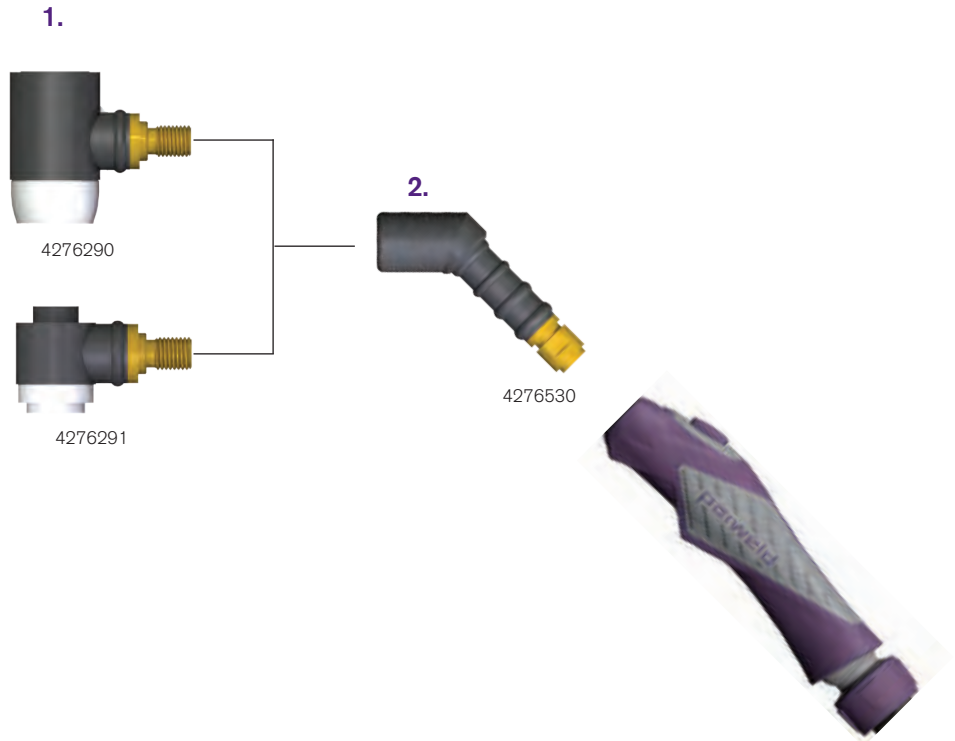
PRO175-90-12S1BG

1. Torch Head

Order the rest of the torch as outlined on page 184.

1. TORCH HEAD		
CODE	REFERENCE	DESCRIPTION
175-90	4276290	17-26 Head
95-90	4276291	9 Head

2. NECK		
CODE	REFERENCE	DESCRIPTION
	4276530	Angled Neck



NEW

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.

TECHNOLOGICALLY ADVANCED USER FOCUSED DESIGN

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.

HANDLE SYSTEM

Ergonomically superior with integrated dual soft grips to ensure the handle remains in place with minimal grip pressure.

FRONT END CONSUMABLES

Extensive range available.

Manufactured to the highest specifications.

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.

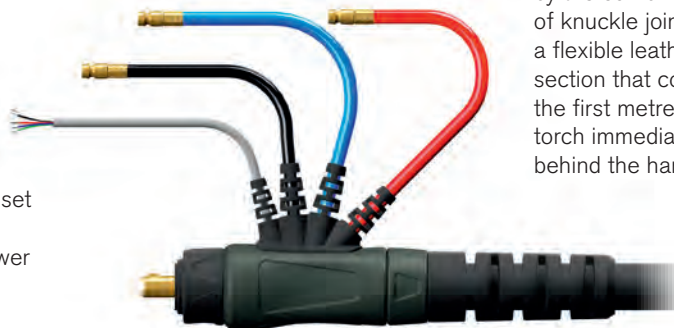
CABLE SYSTEMS

Overbraided 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 STOCK CODE

PRO18FX-12S1BW2

1. TORCH HEAD

2. CABLE LENGTH

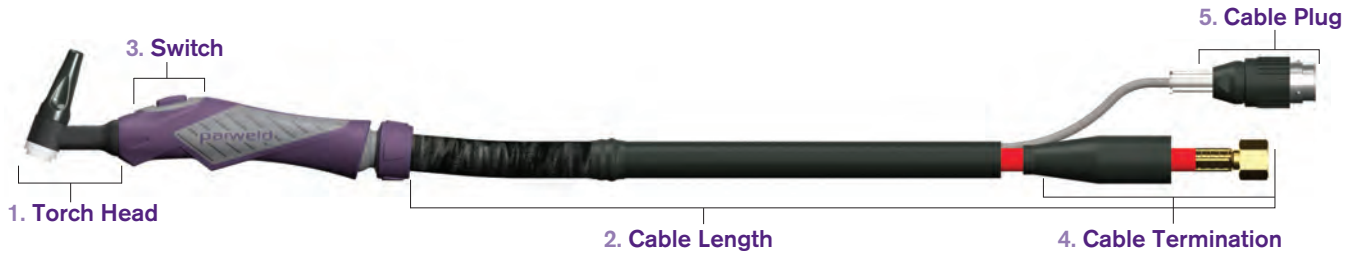
3. SWITCH

4. CABLE TERMINATION

5. CABLE PLUG

1. TORCH HEAD			5. CABLE PLUG		
CODE	DESCRIPTION		CODE	DESCRIPTION	
PRO9	Air Cooled 125A DC		0	2 Pin Amphenol Plug	
PRO9FXL	Flexible Air Cooled 125A DC		1	4 Pin Amphenol Plug	
PRO17	Air Cooled 150A DC		2	5 Pin Amphenol Plug	
PRO17FX	Flexible Air Cooled 150A DC		3	6 Pin Amphenol Plug	
PRO18	Water Cooled 350A DC		4	14 Pin Amphenol Plug	
PRO18FX	Flexible Water Cooled 350A DC		5	6 Pin Plug	
PRO18SC	Water Cooled 400A DC		6	8 Pin Plug	
PRO20	Water Cooled 250A DC		7	3 Pin Tuchel Plug	
PRO20FXL	Flexible Water Cooled 250A DC		8	9 Pin Tuchel Plug	
PRO20HY	Water Cooled 300A DC		9	5 Pin Tuchel Plug	
PRO20HYFXL	Flexible Water Cooled 300A DC		10	12 Pin Plug	
PRO26	Air Cooled 200A DC		11	7 Pin Plug	
PRO26FX	Flexible Air Cooled 200A DC		12	2 Pin Plug	
2. CABLE LENGTH			13	2 Pin Plug	
CODE	DESCRIPTION		14	5 Pin Plug	
12	12.5ft/4m, Leather Cover, Neoprene Sheath		16	5 Pin Amphenol Plug	
25	25ft/8m, Leather Cover, Neoprene Sheath		17	7 Pin Plug	
3. SWITCH			18	14 Pin Plug	
CODE	DESCRIPTION		19	5 Pin Plug	
S1	Momentary Switch		20	3 Pin Plug	
S1L	Momentary Switch & Lever		21	2 Pin Push In Plug	
S2	2 Button Momentary		23	3 Pin Plug	
S3	3 Button Momentary		24	5 Pin Remote Control Plug	
S4	4 Button Rocker Momentary		25	7 Pin Plug	
S4L	4 Button Momentary Rocker Lorch®		26	14 Pin Plug	
1K	1 Button Momentary +1K Potentiometer		27	6 Pin Plug	
2K	1 Button Momentary +5K Potentiometer		28	7 Pin Plug	
3K	1 Button Momentary +10K Potentiometer		29	7 Pin Inverter Plug	
4K	1 Button Momentary +25K Potentiometer		31	3 Pin Plug	
1KL	1 Button Latching +1K Potentiometer		32	7 Pin Plug	
2KL	1 Button Latching +5K Potentiometer		33	4mm Pin Plug	
3KL	1 Button Latching +10K Potentiometer		34	7 Pin Plug	
4KL	1 Button Latching +25K Potentiometer		35	2 Pin Cable Mounted Socket	
N	Blank		36	3 Pin Plug	
4. CABLE TERMINATION			37	12 Pin Plug	
CODE	TGC	DESCRIPTION	38	9 Pin Plug	
AIR COOLED			39	9 Pin Plug	
BG	TGC-BG	Single 3/8" BSP Connection	40	6 Pin Amphenol Plug	
	TGC-EG	Central Connector	41	7 Pin Amphenol Plug	
	TGC-WG	WTG Connector	42	Phone Audio Jack 3.5mm 3 Contact	
	TGC-LG	L-TEC® EuroX	43	4 Pin C16 Plug	
BD	TGC-BD	35-50 Dinse on Power, 3/8" BSP on Gas	47	7 Pin Remote Plug	
BBD	TGC-BBD	Small Dinse on Power, 3/8" BSP on Gas	48	5 Pin Plug	
BDM10	TGC-BDM10	Large Dinse on Power, M10 on Gas	49	14 Pin Plug	
BDM12	TGC-BDM12	Large Dinse on Power, M12 on Gas	50	8 Pin Cable Plug RJ45	
MG	TGC-MG	Migatron® Connections	51	12 Pin Plug	
LNG	TGC-LNG	Lincoln Electric® Invertec Connections (Large Dinse)			
LNGS	TGC-LNGS	Lincoln Electric® Invertec Connections (Small Dinse)			
EMG	TGC-EMG	EWM® Connections			
E2G	TGC-E2G	EWM® Connections (Small Dinse)			
KG	TGC-KG	Kemppi® Connection			
TG	TGC-TG	Dinse through Gas Connector 35-50mm			
	TGC-SG	SAF® through Gas Connector 35-50mm			
FRG	TGC-FRG	Fronius® Connections			
ESG	TGC-ESG	ESAB® OKC Connections (Large Dinse)			
EXG	TGC-EXG	ESAB® OKC Connections (Small Dinse)			
	TGC-MPG	Multiprocess Euro Connector			
LRG	TGC-LRG	Lorch® Connections			
DQF	TGC-DQF	Large Dinse Power, 9mm QF Gas			
UN	TGC-UN	5/8"UNF RH Gas/Power			
UD	TGC-UD	Large Dinse Power, 5/8" UNF RH Male Gas			
UDL	TGC-UDL	Large Dinse Power, 5/8" UNF RH Male Gas, 1.5m Hose			
A		3/8" UNF RH Male			
US		Lug on Power, 5/8" UNF RH Male Gas			
WATER COOLED					
BW	TGC-BW	3/8" BSP Water/Gas/Power			
	TGC-EW	Central Connector			
DQ	TGC-DQ	Large Dinse Power, QF Water, 3/8" BSP Gas			
DQM12	TGC-DQM12	Large Dinse Power, QF Water, M12 Gas			
	TGC-WW	WTW Connector			
	TGC-LW	L-TEC® Euro			
MW	TGC-MW	Migatron® Connections			
LNW	TGC-LNW	Lincoln Electric® Invertec Connections (Large Dinse)			
EMW	TGC-EMW	EWM® Connections			
EBW	TGC-EBW	Large Dinse 1/4" Gas, 3/8" Water			
	TGC-TW	Dinse through Gas Connector, QF Water			
ESW	TGC-ESW	ESAB® OKC Connections			
LRW	TGC-LRW	Lorch® Connections			
	TGC-KW	Kemppi® Connection			
DQQ	TGC-DQQ	Large Dinse Power, 9mm QF Water, QF Gas			
UE	TGC-UE	Large Dinse Power, 5/8" UNF LH Water, 5/8" UNF RH Male Gas			
UW	TGC-UW	7/8" UNF LH Male Power, 5/8" UNF RH Male Gas, 5/8" UNF LH Male Water			
	TGC-UNW	5/8" UNF RH Power/Gas, QF Water			
UDW	TGC-UDW	Large Dinse Power, 5/8" UNF RH Gas, QF Water			
KOW	TGC-KOW	3/8" Power/Water, 1/4" BSP Gas			

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		Water Cooled	PRO20	250A DC, 190A AC @ 100% Duty Cycle 0.5mm-3.2mm (.020"-1/8") Electrodes	
	OPTIONS	PRO 9  Length: 53mm	PRO 9FXL  Length: 91mm		OPTIONS	PRO 20  Length: 56mm	PRO 20FXL  Length: 64mm
	PRO17	150A DC, 115A AC @ 60% Duty Cycle 0.5mm-2.2mm (.020"-1/8") Electrodes			PRO20HY	300A DC, 230A AC @ 100% Duty Cycle 0.5mm-3.2mm (.020"-1/8") Electrodes	
	OPTIONS	PRO 17  Length: 76mm	PRO 17FX  Length: 97mm		OPTIONS	PRO 20HY  Length: 56mm	PRO 20HYFXL  Length: 64mm
	PRO26	200A DC, 150A AC @ 60% Duty Cycle 0.5mm-4.0mm (.020"-5/32") Electrodes			PRO18	350A, DC, 260A AC @ 100% Duty Cycle 0.5mm-4.0mm (.020"-5/32") Electrodes	
OPTIONS	PRO 26  Length: 71mm	PRO 26FX  Length: 71mm	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		



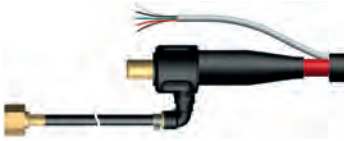

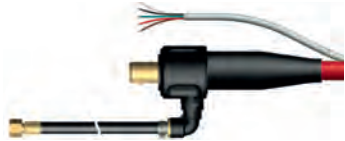

NEW PRO 20 HYBRID - PRO20HY
Compact, lightweight torch with hybrid power cable for high power operation.

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		CODE	STOCK CODE	DESCRIPTION
	S1	PRO1MS	Momentary Switch		1K	PRO1MS-1	1 Button Momentary +1K Potentiometer
					2K	PRO1MS-5	1 Button Momentary +5K Potentiometer
	S1L	PRO1LS	Momentary Switch & Lever		3K	PRO1MS-10	1 Button Momentary +10K Potentiometer
					4K	PRO1MS-25	1 Button Momentary +25K Potentiometer
	S2	PRO2MS	2 Button Momentary		1KL	PRO1MS-1L	1 Button Latching +1K Potentiometer
					2KL	PRO1MS-5L	1 Button Latching +5K Potentiometer
	S3	PRO3MS	3 Button Momentary		3KL	PRO1MS-10L	1 Button Latching +10K Potentiometer
					4KL	PRO1MS-25L	1 Button Latching +25K Potentiometer
	S4	PRO4MS	4 Button Rocker Momentary		N	PROBK	Blank
	S4L	PRO4LMS	4 Button Rocker Momentary Lorch®				

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	WTG® Connector	
			TGC-LG	L-TEC® Euro Connection	
BD	35-50 Dinse on Power 3/8" BSP on Gas		TGC-BD	35-50 Dinse on Power 3/8" BSP on Gas	
BDS	Small Dinse on Power 3/8" BSP on Gas		TGC-BDS	Small Dinse on Power 3/8" BSP on Gas	
BDM10	Large Dinse on Power M10 on Gas		TGC-BDM10	Large Dinse on Power M10 on Gas	
BDM12	Large Dinse on Power M12 on Gas		TGC-BDM12	Large Dinse on Power M12 on Gas	

4. CABLE TERMINATIONS

AIR COOLED CONTINUED





CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
MG	Migatronik® Connections		TGC-MG	Migatronik® Connections	
LNG	Lincoln Electric® Invertec Connections (Large Dinse)		TGC-LNG	Lincoln Electric® Invertec Connections (Large Dinse)	
LNGS	Lincoln Electric® Invertec Connections (Small Dinse)		TGC-LNGS	Lincoln Electric® Invertec Connections (Small Dinse)	
EMG	EWM® Connections		TGC-EMG	EWM® Connections	
E2G	EWM® Connections (Small Dinse)		TGC-E2G	EWM® Connections (Small Dinse)	
KG	Kemppi® Connection		TGC-KG	Kemppi® Connection	
TG	Dinse through Gas Connector 35-50mm		TGC-TG	Dinse through Gas Connector 35-50mm	
			TGC-SG	SAF® through Gas Connector 35-50mm	

4. CABLE TERMINATIONS

AIR COOLED CONTINUED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
FRG	Fronius® Connections		TGC-FRG	Fronius® Connections	
ESG	ESAB® OKC Connections (Large Dinse)		TGC-ESG	ESAB® OKC Connections (Large Dinse)	
EXG	ESAB® OKC Connections (Small Dinse)		TGC-EXG	ESAB® OKC Connections (Small Dinse)	
			TGC-MPG	Multiprocess Euro Connector	
LRG	Lorch® Connections		TGC-LRG	Lorch® Connections	
DQF	Large Dinse on Power 9mm QF on Gas		TGC-DQF	Large Dinse on Power 9mm QF on Gas	
UN	5/8" UNF RH Gas/Power		TGC-UN	5/8" UNF RH Gas/Power	
UD	Large Dinse on Power, 5/8" UNF RH Male on Gas		TGC-UD	Large Dinse on Power, 5/8" UNF RH Male on Gas	

4. CABLE TERMINATIONS WATER COOLED

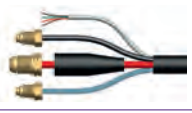






CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
BW	3/8" BSP On Water, Gas, Power		TGC-BW	3/8" BSP On Water, Gas, Power	
			TGC-EW	Central Connector	
DQ	Large Dinse on Power QF on Water In/Out, 3/8" BSP on Gas		TGC-DQ	Large Dinse on Power QF on Water In/Out, 3/8" BSP on Gas	
DQM12	Large Dinse on Power QF on Water In/Out, M12 on Gas		TGC-DQM12	Large Dinse on Power QF on Water In/Out, M12 on Gas	
			TGC-WW	WTW® Connector	
			TGC-LW	L-TEC® Euro Connector	
MW	Migatronic® Connections		TGC-MW	Migatronic® Connections	
LNW	Lincoln Electric® Invertec Connections (Large Dinse)		TGC-LNW	Lincoln Electric® Invertec Connections (Large Dinse)	

4. CABLE TERMINATIONS WATER COOLED CONTINUED

CODE	DESCRIPTION		TGC CODE	DESCRIPTION	
EMW	EWM® Connections		TGC-EMW	EWM® Connections	
EBW	Large Dinse 1/4" Gas, 3/8" on Water In/Out		TGC-EBW	Large Dinse 1/4" Gas, 3/8" on Water In/Out	
			TGC-TW	Dinse through Gas Connector, QF on Water In/Out	
ESW	ESAB® OKC Connections		TGC-ESW	ESAB® OKC Connections	
LRW	Lorch® Connections		TGC-LRW	Lorch® Connections	
			TGC-KW	Kemppi® Connection	
DQQ	Large Dinse on Power 9mm QF on Water In/Out QF on Gas		TGC-DQQ	Large Dinse on Power 9mm QF on Water In/Out QF on Gas	
UE	Large Dinse on Power, 5/8" UNF LH on Water In/Out, 5/8" UNF RH Male on Gas		TGC-UE	Large Dinse on Power, 5/8" UNF LH on Water In/Out, 5/8" UNF RH Male on Gas	

EWM®, Kemppi®, Lorch®, and ESAB® trademarks are the property of their respective owners, and usage is for reference only. These products are not endorsed by the original manufacturer.

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 Dinse on power, 5/8" UNF RH Gas, QF Water In/ Out		TGC-UDW	Large Dinse 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	MACHINE		CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION	MACHINE
	0	ERCP0	TSW-0	2 Pin Amphenol	ESAB®/ Murex®		13	ERCP13	TSW-13	2 Pin	Jasic®
	1	ERCP1	TSW-1	4 Pin Amphenol	Kemppi®		14	ERCP14	TSW-14	5 Pin	Parweld XTI 200
	2	ERCP2	TSW-2	5 Pin Amphenol	Miller®		16	ERCP16	TSW-16	5 Pin Amphenol	Lincoln Electric®
	3	ERCP3	TSW-3	6 Pin Amphenol	Lincoln Electric®		17	ERCP17	TSW-17	7 Pin Tuchel	Eutectic®
	4	ERCP4	TSW-4	14 Pin Amphenol	Miller®		18	ERCP18	TSW-18	14 Pin	Parweld XTI 201/303
	5	ERCP5	TSW-5	6 Pin Harting®	Migatronic®		19	ERCP19	TSW-19	5 Pin	Parweld XTI 181
	6	ERCP6	TSW-6	8 Pin	Thermal Arc®		20	ERCP20	TSW-20	3 Pin	Parweld XTI 601MP
	7	ERCP7	TSW-7	3 Pin Tuchel	Messer®		21	ERCP21	TSW-21	2 Pin Push In	ESAB®
	8	ERCP8	TSW-8	9 Pin Tuchel	Fronius®		22	ERCP22	TSW-22	5 Pin	ESAB®
	9	ERCP9	TSW-9	5 Pin Tuchel	Messer®/ EWM®/ Lincoln®		23	ERCP23	TSW-23	3 Pin	GYS® / Newarc®
	10	ERCP10	TSW-10	12 Pin	Bundy®		24	ERCP24	TSW-24	5 Pin Remote Control	GYS®
	11	ERCP11	TSW-11	7 Pin	Migatronic®		25	ERCP25	TSW-25	7 Pin	Kemppi®
	12	ERCP12	TSW-12	2 Pin	Parweld XTI Inverter		26	ERCP26	TSW-26	14 Pin	ESAB®

ESAB®, Murex®, Kemppi®, Miller®, Lincoln Electric®, Migatronic®, Thermal Arc®, Messer®, Fronius®, EWM®, Bundy®, Jasic®, Eutectic®, GYS®, Newarc® trademarks are the property of their respective owners, and usage is for reference only. These products are not endorsed by the original manufacturer.

5. CABLE PLUGS

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION	MACHINE
	27	ERCP27	TSW-27	6 Pin	Miller®
	28	ERCP28	TSW-28	7 Pin	Parweld
	29	ERCP29	TSW-29	7 Pin	Inverter Fusion®
	31	ERCP31	TSW-31	3 Pin	Kühtreiber®
	32	ERCP32	TSW-32	7 Pin	Selco®
	33	ERCP33	TSW-33	4mm Pin	Saf/ Oerlikon®
	34	ERCP34	TSW-34	7 Pin	Stel TIG®
	35	ERCP35	TSW-35	2 Pin Cable Mounted Socket	Butters®
	36	ERCP36	TSW-36	3 Pin	Flama®
	37	ERCP37	TSW-37	12 Pin	Flama® SWP
	38	ERCP38	TSW-38	9 Pin	Flama®

	CODE	STOCK CODE	TGC STOCK CODE	PLUG DESCRIPTION	MACHINE
	39	ERCP39	TSW-39	9 Pin	Flama®
	40	ERCP40	TSW-40	6 Pin Amphenol	CEA®
	41	ERCP41	TSW-41	7 Pin Amphenol	
	42	ERCP42	TSW-42	Phone Audio Jack 3.5mm 3 Contact	Lorch®
	43	ERCP43	TSW-43	4 Pin C16	Butters® Stamos
	47	ERCP47	TSW-47	7 Pin Remote	Selco®
	48	ERCP48	TSW-48	5 Pin	Jasic®
	49	ERCP49	TSW-49	14 Pin	Tec-Arc®
	50	ERCP50	TSW-50	8 Pin Cable RJ45	Miller®
	51	ERCP51	TSW-51	12 Pin	Rehm®

*NI-NOT ILLUSTRATED

WE CONNECT TO ALL MAJOR MANUFACTURER'S MACHINES

LET US DO THE HARD WORK
JUST TELL US THE MAKE AND MODEL AND WE WILL WORK OUT WHAT YOU NEED

Miller®, Inverter Fusion®, Kühtreiber®, Selco®, SAF®, Oerlikon®, Stel TIG®, Lincoln Electric®, Thermal Arc®, Butters®, Flama®, CEA®, Lorch®, Stamos®, Selco®, Jasic®, Tec-Arc®, Rehm® are trademarks are the property of the respective owners, and their usage is for reference only. These products are not endorsed by the original manufacturer.

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 Dinse 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 3/8" 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")



	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



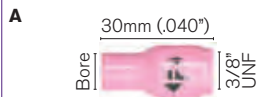
STOCK CODE DESCRIPTION

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 186	

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

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")

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

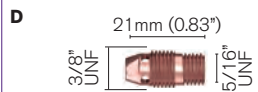


796F74	3XL	5mm (3/16")
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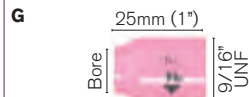
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

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")

Gas Lens Cups



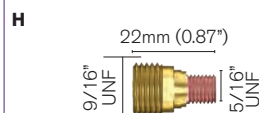
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups



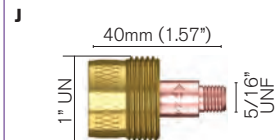
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



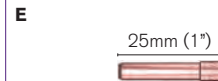
STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")

Large Diameter Gas Lens Bodies



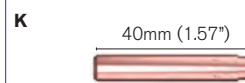
45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

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")

Large Diameter Collets



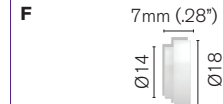
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

NEW Wedge Collets



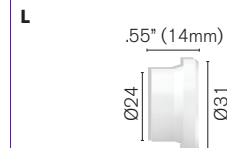
13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")

Cup Gasket



STOCK CODE
598882

Large Diameter Gas Lens Insulator



54N63-20

NEW - GAS SAVER RANGE
See pages 180 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 186	

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
See pages 185 -194 for how to create your Pro-Grip Max[®] TIG Torch Package.

Ceramic Cups



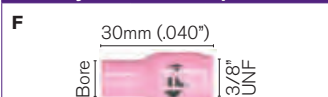
STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups



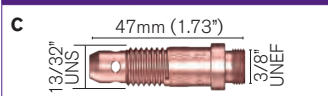
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



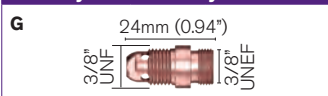
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



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



17CB20	0.5-3.2mm (.020-1/8")
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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 (1 1/16")

Long Gas Lens Cups



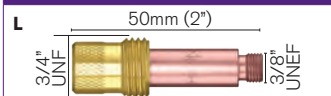
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



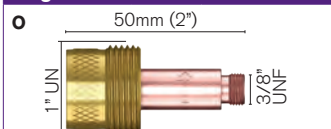
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



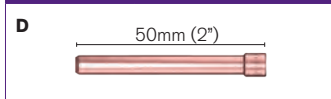
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")

Large Diameter Gas Lens Bodies



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

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")

Stubby Collets



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

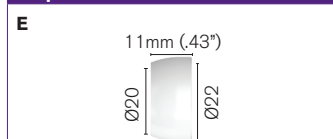


NEW Stubby Wedge Collets



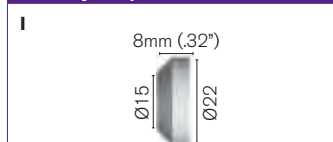
10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket



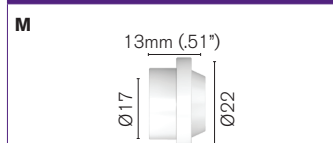
STOCK CODE
18CG

Stubby Cup Gasket



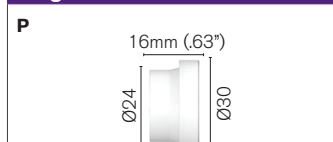
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 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 PRO57Y04	Pro-Grip® Back Cap Short 24mm (.04")
6 TRIGGER KITS AVAILABLE SEE PAGE 186	

Full Parts Breakdown Available
 Visit www.parweld.com for more information.

TORCH CONFIGURATIONS
 See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

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



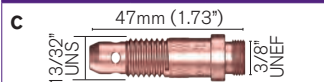
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



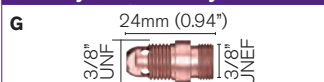
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



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



17CB20	0.5-3.2mm (.020-1/8")
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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



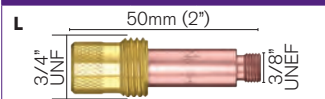
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



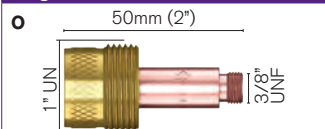
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



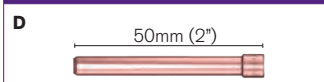
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



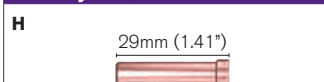
45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

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")

Stubby Collets



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

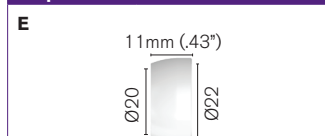
NEW Wedge Collets

Q	50mm (2")
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets

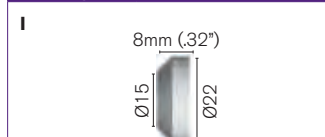
R	25mm (1")
10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket



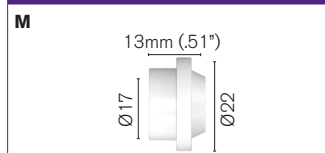
STOCK CODE
18CG

Stubby Cup Gasket



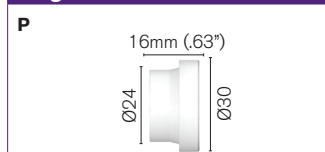
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 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

NEW

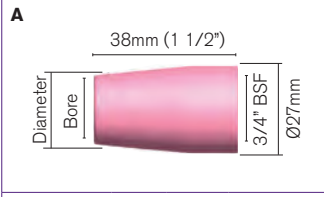


STOCK CODE	DESCRIPTION
1 889692	O' Ring Pack
2 629041	Torch Body
3 607756*	Long Back Cap
4 607758	Short Back Cap
5 TRIGGER KITS AVAILABLE SEE PAGE 186	

Full Parts Breakdown Available
Visit www.parweld.com for more information.

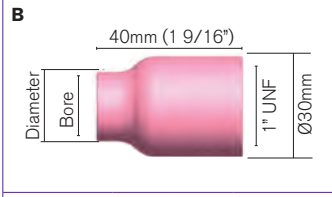
TORCH CONFIGURATIONS
See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

Alumina Ceramic Cups



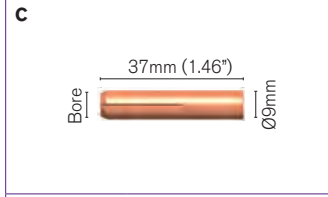
STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689*	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Gas Lens Cups



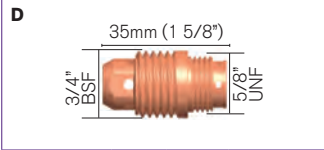
STOCK CODE	DIAMETER	BORE
889699	14mm (9/16")	10mm (3/8")
889700	17mm (11/16")	13mm (1/2")
889701	22mm (7/8")	15mm (5/8")

Collets



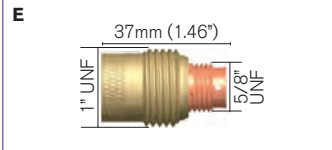
STOCK CODE	ELECTRODE SIZE
889796	1.2mm (3/64")
889797	1.6mm (1/16")
889683	2.4mm (3/32")
889684*	3.2mm (1/8")

Collet Body



STOCK CODE	BORE
606090*	1.2mm-6.4mm (3/64"-1/4")

Gas Lens Body



STOCK CODE	BORE
606194	6.5mm (1/4")



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 186

Full Parts Breakdown Available
 Visit www.parweld.com for more
 information.

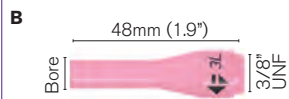
TORCH CONFIGURATIONS
 See pages 185 -194 for how to create
 your Pro-Grip Max® TIG Torch Package.

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")

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

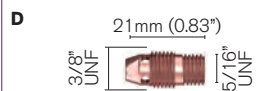


796F74	3XL	5mm (3/16")
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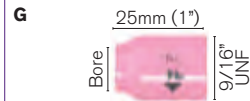
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

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")

Gas Lens Cups



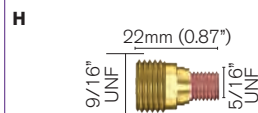
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups



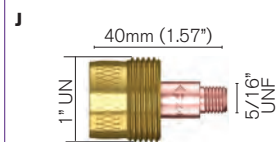
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

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 (1/18")

Large Diameter Gas Lens Bodies



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

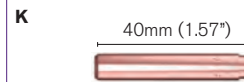
Collets



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")

Large Diameter Collets



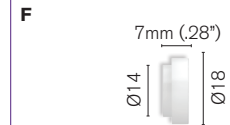
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

NEW Wedge Collets



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

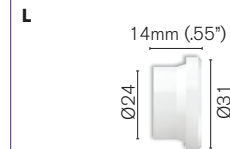
Cup Gasket



STOCK CODE

598882

Large Diameter Gas Lens Insulator



54N63-20

NEW GAS SAVER RANGE
See pages 180 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

NEW

NEW PRO 20 HYBRID - PRO20HY

Compact, lightweight torch with hybrid power cable for high power operation.



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 186

Full Parts Breakdown Available
 Visit www.parweld.com for more
 information.

TORCH CONFIGURATIONS

See pages 185 -194 for how to create
 your Pro-Grip Max® TIG Torch Package.



NEW

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")

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")

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")

Cup Gasket

F

STOCK CODE
598882

Long Ceramic Cups

B

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

Large Diameter Gas Lens Cups

I

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 Collets

K

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

Large Diameter Gas Lens Insulator

L

54N63-20

Extra Long Ceramic Cups

C

796F74	3XL	5mm (3/16")
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4XL

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

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")

NEW Wedge Collets

M

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

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")

Large Diameter Gas Lens Bodies

J

45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

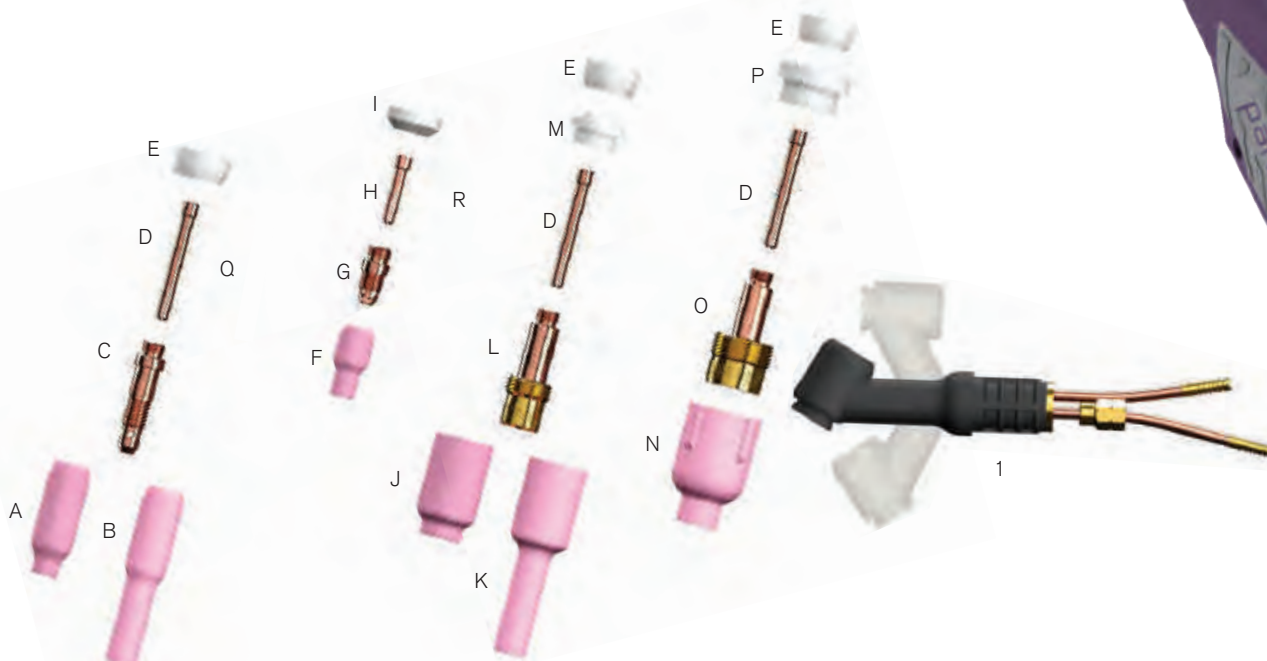
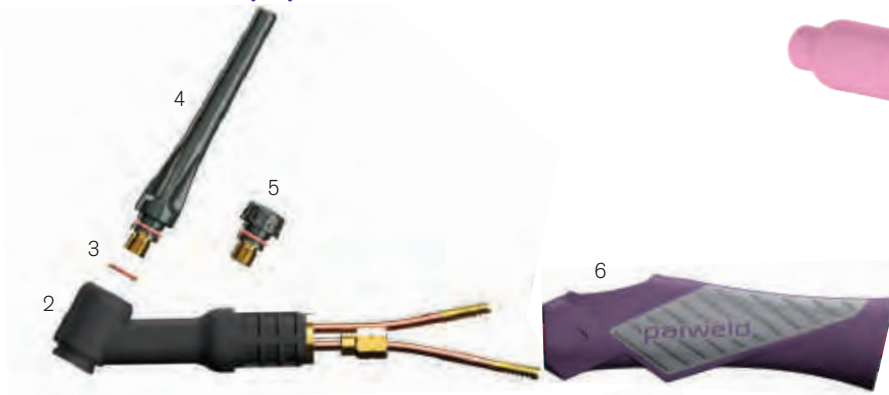
NEW GAS SAVER RANGE
See pages 180 for more information.



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



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 186

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS

See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

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



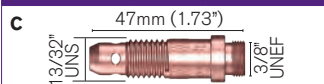
STOCK CODE	SIZE	BORE
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



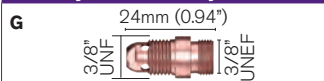
STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



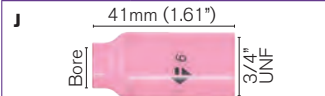
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body



17CB20	0.5-3.2mm (.020-1/8")
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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



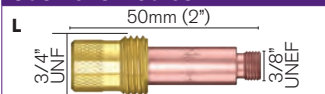
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



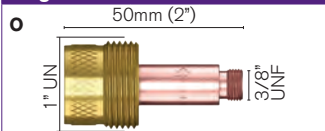
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



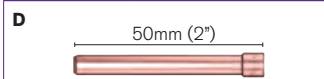
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets



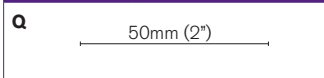
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets



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



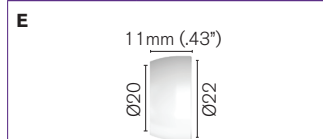
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



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

Cup Gasket



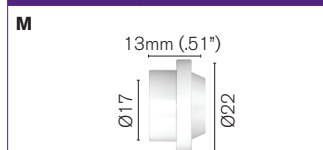
STOCK CODE
18CG

Stubby Cup Gasket



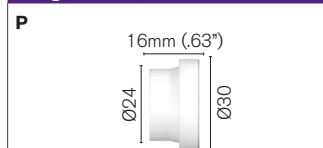
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 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



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 186	

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS

See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

Gas Lens Cups



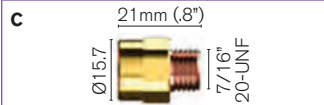
STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

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
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



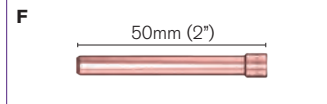
STOCK CODE	ELECTRODE SIZE
NCB-53	3.4mm

Large Diameter Gas Lens Bodies



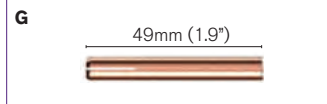
NCB-36	5mm
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Collets



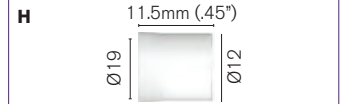
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Heavy Duty Collets



10N25HD	3.2mm (1/8")
54N20HD	4.0mm (5/32")
18C36	4.8mm (3/16")

Cup Gasket



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

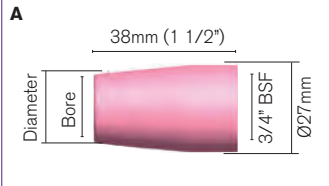
5 TRIGGER KITS AVAILABLE SEE PAGE 186

Full Parts Breakdown Available
Visit www.parweld.com for more information.

TORCH CONFIGURATIONS

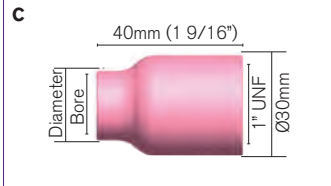
See pages 185 -194 for how to create your Pro-Grip Max® TIG Torch Package.

Alumina Ceramic Cups



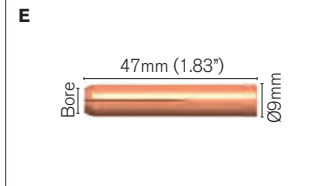
STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689*	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Gas Lens Cups



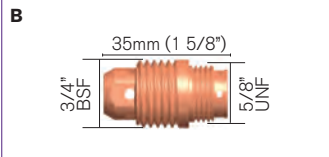
STOCK CODE	DIAMETER	BORE
889699	14mm (9/16")	10mm (3/8")
889700	17mm (11/16")	13mm (1/2")
889701	22mm (7/8")	15mm (5/8")

Collets



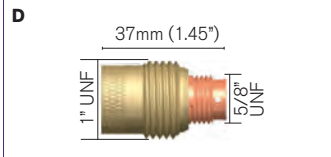
STOCK CODE	ELECTRODE SIZE
889597	1.6mm (1/16")
889583	2.4mm (3/32")
889584*	3.2mm (1/8")
889587	6.4mm (1/4")

Collet Body



STOCK CODE	BORE
606090*	1.2mm-6.4mm (3/64"-1/4")

Gas Lens Body



STOCK CODE	BORE
606194	6.5mm (1/4")

ECO-GRIP® TIG



The Parweld Eco-Grip® TIG torch range is designed to replace the conventional WLD style torch.

Ergonomic Handle - the comfortable handle design replaces the standard barrel design offering improved grip and reduces the risk of repetitive strain injury.

Improved Grip - a finger location has been added to the base of the handle offering greater comfort at the bottom of the torch as well as the top.

Integrated Ball Joint - improves flexibility and manoeuvrability. Also has the added benefit of protecting the cables from sharp bends and therefore extending the life of cables and hoses.

REPLACE THE CONVENTIONAL

KEY FEATURES

Parweld set out to improve the standard TIG torch, to take the existing and make it better. The result was the Eco-Grip® TIG.

The ergonomic design is a step up from the standard WLD, offering increased comfort, manoeuvrability and improved grip, while maintaining simplicity and ease of use.

TRIGGER SWITCHES

Located in a neutral finger position.

Heavy duty long life encapsulated switch
3A rated.

BALL JOINT

Positioning of the torch is made easier by the ball joint at the rear of the handle.

TORCH HEADS

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

FRONT END CONSUMABLES

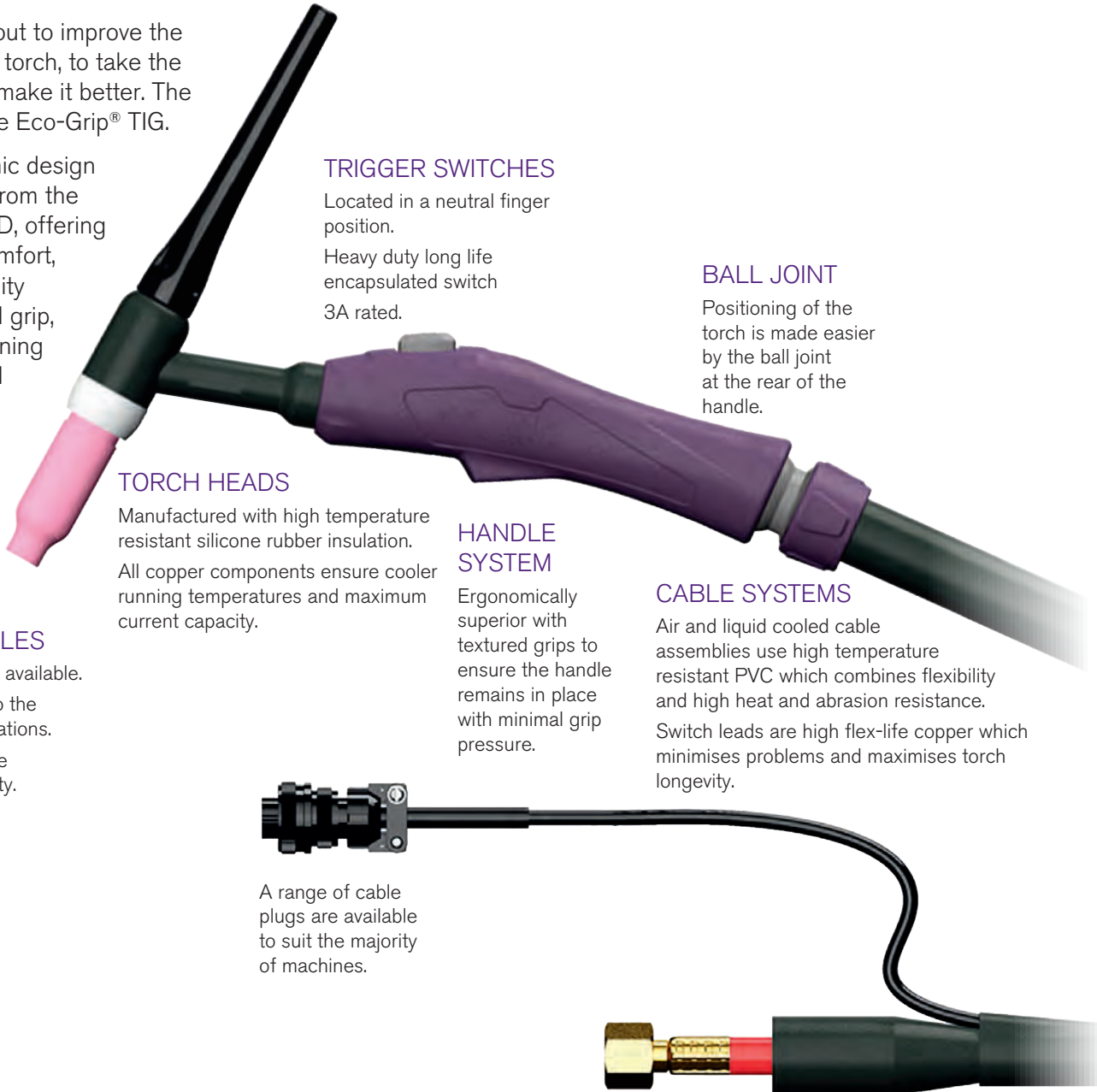
Extensive range available.
Manufactured to the highest specifications.
100% WLD type interchangeability.

HANDLE SYSTEM

Ergonomically superior with textured grips to ensure the handle remains in place with minimal grip pressure.

CABLE SYSTEMS

Air and liquid cooled cable assemblies use high temperature resistant PVC which combines flexibility and high heat and abrasion resistance.
Switch leads are high flex-life copper which minimises problems and maximises torch longevity.



A range of cable plugs are available to suit the majority of machines.



ECO TORCH RANGE



	ECO9	ECO17	ECO25	ECO26
COOLING	Air	Air	Water	Air
RATING	125A DC, 100A AC @ 60%	150A DC, 115A AC @ 60%	200A DC, 150A AC @ 100%	200A DC, 150A AC @ 60%
ELECTRODE SIZE	0.5mm-2.4mm (.020"-3/32")	0.5mm-3.2mm (.020"-1/8")	0.5mm-3.2mm (.020"-1/8")	0.5mm-4.0mm (.020"-5/32")



	ECO20	ECO18	ECO18SC
COOLING	Water	Water	Water
RATING	250A DC, 190A AC @ 100%	350A DC, 260A AC @ 100%	400A DC, 300A AC @ 100%
ELECTRODE SIZE	0.5mm-3.2mm (.020"-1/8")	0.5mm-4.0mm (.020"-5/32")	0.5mm-4.8mm (.020"-3/16")

HOW TO CREATE TORCH STOCK CODE

ECR18FX-12BW2



Air Cooled	ECO9	125A DC, 100A AC @ 60% Duty Cycle, 0.5mm-2.4mm (.020"-3/32") Electrodes	
	OPTIONS	ECR9	ECR9FX
		ECR9V	ECR9P
		Also available with ECR/WP9VFX Head	
	ECO17	150A DC, 115A AC @ 60% Duty Cycle, 0.5mm-3.2mm (.020"-1/8") Electrodes	
	OPTIONS	ECR17	ECR17FX
		ECR17V	ECR17VFX
ECO26	200A DC, 150A AC @ 60% Duty Cycle, 0.5mm-4.0mm (.020"-5/32") Electrodes		
OPTIONS	ECR26	ECR26FX	
	ECR26V	ECR26VFX	

Water Cooled	ECO18	350A DC, 260A AC @ 100% Duty Cycle, 0.5mm-4.0mm (.020"-5/32") Electrodes	
	OPTIONS	ECR18	ECR18FX
		ECR18SP	
	ECO18SC	400A DC, 300A AC @ 100% Duty Cycle, 0.5mm-4.8mm (.020"-3/16") Electrodes	
	OPTIONS	ECR18SC	
	ECO20	250A DC, 190A AC @ 100% Duty Cycle, 0.5mm-3.2mm (.020"-1/8") Electrodes	
	OPTIONS	ECR20	ECR20FX
ECR20P			

Torch heads suitable for Eco-Grip® TIG & WLD Range

CABLE	
12	12.5ft (4m) Vinyl Power Cable, Switched and Sheathed
25	25ft (8m) Vinyl Power Cable, Switched and Sheathed

To order a torch without a switch add **N**-i.e. ECO18-12NBW

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 187-194 for more information.



ECO9

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 ECO1MS	Momentary Switch
7 WP9V	Torch Body Valve

STOCK CODE	DESCRIPTION
8 VS-2	Valve Stem
9 WP9FX	Torch Body Flexible
10 WP9P	Torch Body Pencil
NI WP9VFX	Torch Body Flexi Valve

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 219 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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")

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")

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")

Cup Gasket

F

STOCK CODE
598882

Long Ceramic Cups

B

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

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")

Large Diameter Collets

K

13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Extra Long Ceramic Cups

C

796F74	3XL	5mm (3/16")
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4L

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

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")

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")

Large Diameter Gas Lens Bodies

J

45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

NEW Wedge Collets

M

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

Large Diameter Gas Lens Insulator

L

54N63-20

NEW - GAS SAVER RANGE
See pages 180 for more information.

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



ECO17

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 57Y04	Back Cap Short 24mm (.04")
5 ECO1MS	Momentary Switch
6 WP17V	Torch Body Valve

STOCK CODE	DESCRIPTION
7 VS-2	Valve Stem
8 WP17FX	Torch Body Flexible
9 WP17VFX	Torch Body Flexi Valve

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 219 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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

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

Stubby Ceramic Cups

F

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")

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")
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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 (1 1/16")

Long Gas Lens Cups

K

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

Large Diameter Gas Lens Cups

N

STOCK CODE	SIZE	BORE
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
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Stubby Cup Gasket

I

STOCK CODE	18CG20
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Gas Lens Insulator

M

STOCK CODE	54N01	Use with 18CG
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Large Gas Lens Insulator

P

STOCK CODE	54N63	Use with 18CG
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NEW - GAS SAVER RANGE
See pages 180 for more information.

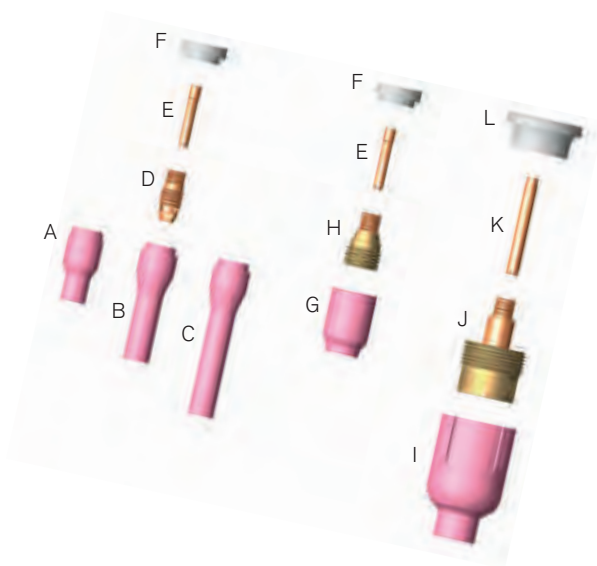
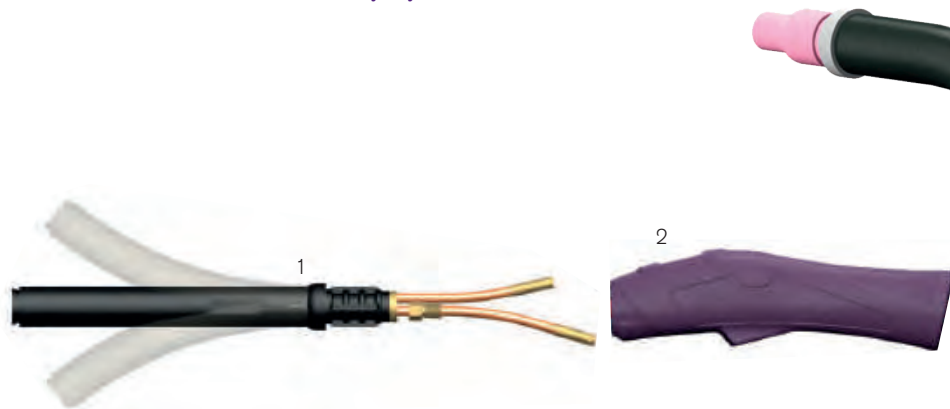
UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



ECO25

WATER COOLED TIG TORCH

200A DC, 150A AC @ 100% Duty Cycle, EN60974-7, 0.5mm-3.2mm (.020"-1/8") Electrodes

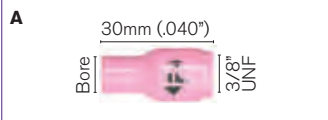


STOCK CODE	DESCRIPTION
1 WP25	Torch Body including Cup Gasket
2 ECO1MS	Momentary Switch

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 219 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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")

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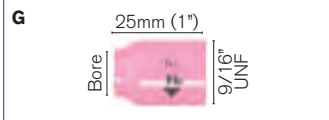
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies



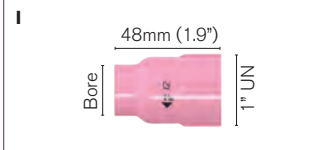
STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups



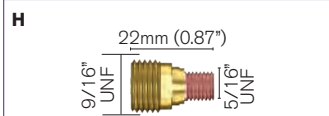
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups



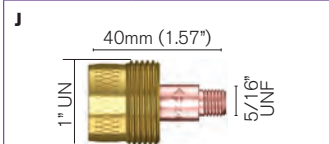
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



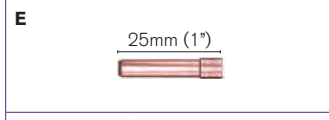
STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets



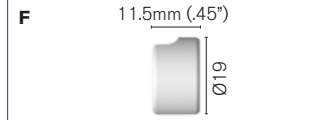
STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets



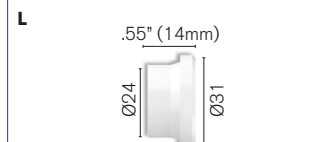
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Cup Gasket



STOCK CODE
53N22

Large Diameter Gas Lens Insulator



54N63-20

ECO26

AIR COOLED TIG TORCH

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7, 0.5mm-4.0mm (.020"-5/32") Electrodes



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	57Y04 Back Cap Short 24mm (.04")
5	ECO1MS Momentary Switch
6	VS-1 Valve Stem

STOCK CODE	DESCRIPTION
7	WP26V Torch Body Valve
8	WP26FX Torch Body Flexi
9	WP26VFX Torch Body Flexi Valve

Full Parts Breakdown Available
 Visit www.parweld.com for more information.

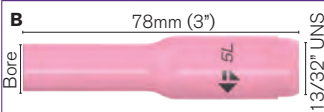
HOW TO ORDER
 See pages 219 for more information.
 For alternative cable plugs and terminations see pages 185 -194.

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



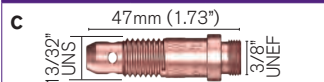
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



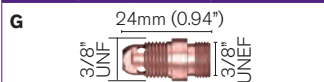
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



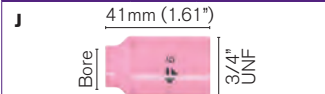
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body



17CB20	0.5-3.2mm (.020-1/8")
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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



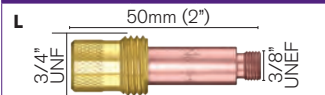
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



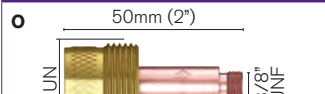
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



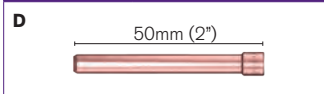
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



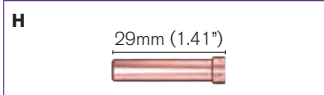
45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

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")

Stubby Collets



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



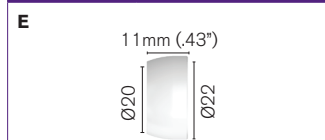
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



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

Cup Gasket



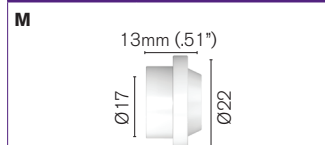
STOCK CODE
18CG

Stubby Cup Gasket



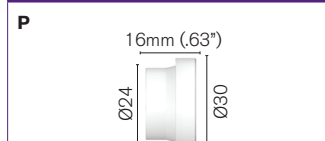
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 for more information.

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.

ECO20

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 WP920	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 ECO1MS	Momentary Switch

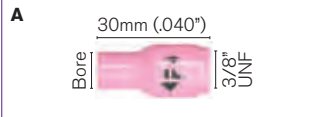
STOCK CODE	DESCRIPTION
7 WP20FX	Torch Body Flexible
8 WP20P	Torch Body Pencil

Full Parts Breakdown Available
 Visit www.parweld.com for more information.

HOW TO ORDER

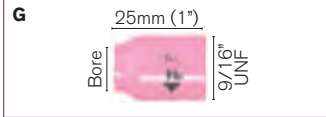
See pages 219 for more information.
 For alternative cable plugs and terminations see pages 185 -194.

Stubby Ceramic Cups



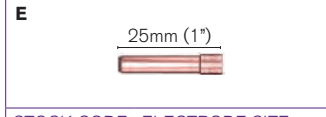
STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Gas Lens Cups



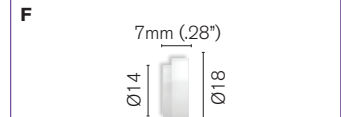
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

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")

Cup Gasket



STOCK CODE
598882

Long Ceramic Cups



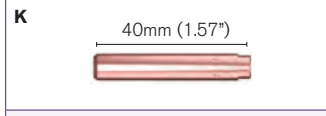
796F70	3L	5mm (3/16")
796F71	4L	6mm (1/4")
796F72	5L	8mm (5/16")
796F73	6L	10mm (3/8")

Large Diameter Gas Lens Cups



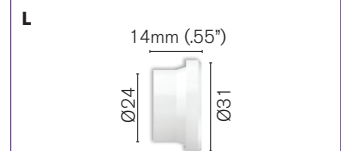
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Large Diameter Collets



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

Large Diameter Gas Lens Insulator



54N63-20

Extra Long Ceramic Cups

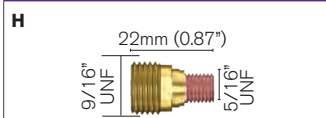


796F74	3XL	5mm (3/16")
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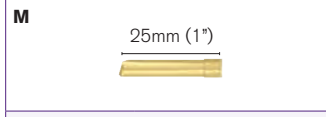
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Gas Lens Bodies



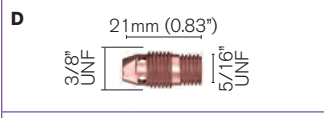
STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

NEW Wedge Collets



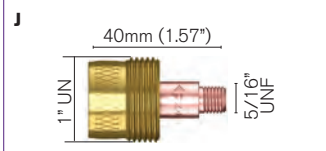
13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")
13N24W	3.2mm (1/8")

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")

Large Diameter Gas Lens Bodies



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

NEW GAS SAVER RANGE
See pages 180 for more information.

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



ECO18

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
2 98W18	Back Cap 'O' Ring
3 57Y02	Back Cap Long 112mm (4.41")
4 57Y04	Back Cap Short 24mm (.04")
5 ECO1MS	Momentary Switch

STOCK CODE	DESCRIPTION
6 WP18FX	Torch Body Flexible
7 WP18SP	Torch Body Pencil

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 219 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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



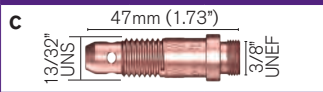
STOCK CODE	SIZE	BORE
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



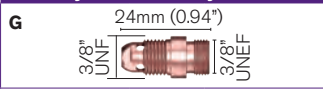
STOCK CODE	SIZE	BORE
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



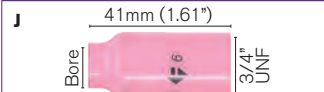
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body



17CB20	0.5-3.2mm (.020-1/8")
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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



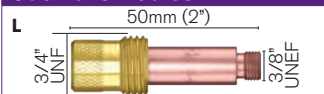
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



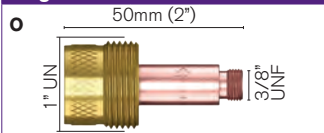
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



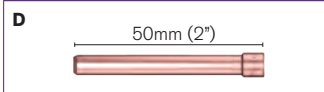
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets



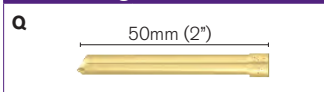
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets



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



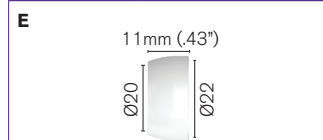
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



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

Cup Gasket



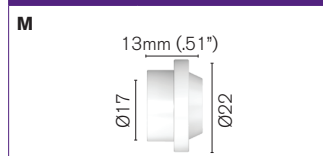
STOCK CODE
18CG

Stubby Cup Gasket



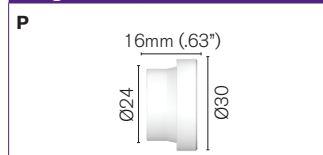
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 for more information.

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



ECO18SC

WATER COOLED TIG TORCH

400A DC, 300A AC @ 100% Duty Cycle, EN60974-7, 0.5mm-4.8mm (.020"-3/16") Electrodes



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 57Y04	Back Cap Short 24mm (.04")

STOCK CODE	DESCRIPTION
5 ECO1MS	Momentary Switch

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER

See pages 219 for more information.
For alternative cable plugs and terminations see pages 185 -194.

Gas Lens Cups



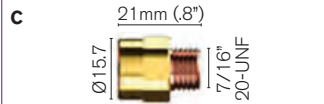
STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

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
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



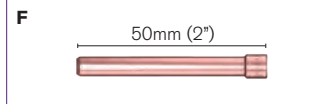
STOCK CODE	ELECTRODE SIZE
NCB-53	3.4mm

Large Diameter Gas Lens Bodies



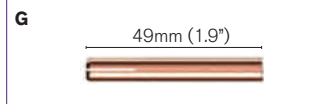
NCB-36	5mm
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Collets



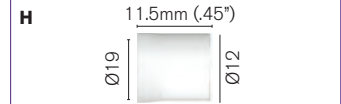
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Heavy Duty Collets



10N25HD	3.2mm (1/8")
54N20HD	4.0mm (5/32")
18C36	4.8mm (3/16")

Cup Gasket



STOCK CODE
18NG

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.

WLD TIG



The Parweld WLD TIG torch range's classic design has enduring appeal because simply, it works.

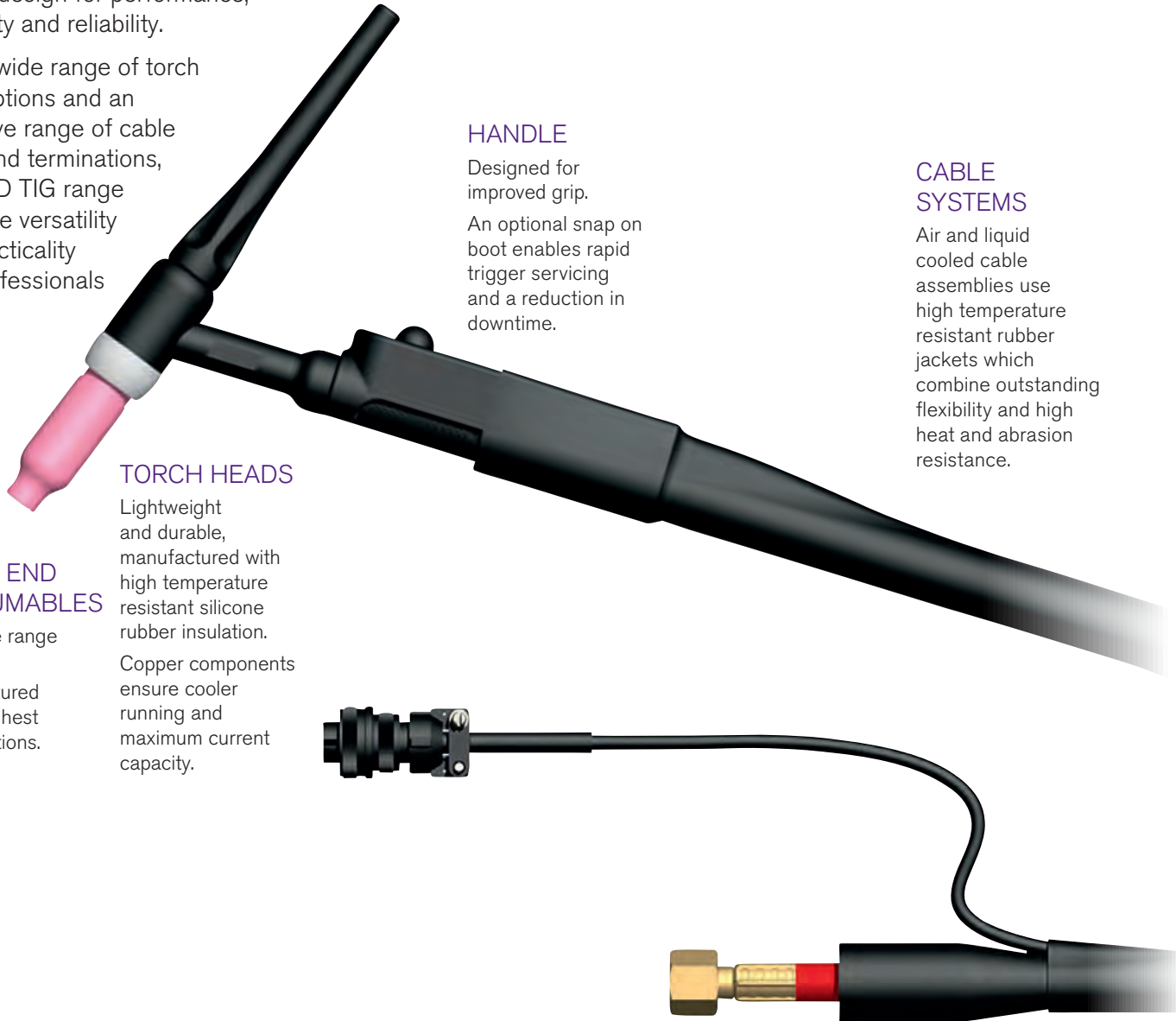
WLD has been a staple of the Parweld TIG range and is popular all over the world. We never stop working to improve though, and the WLD range is the product of years of thoughtful improvement and re engineering for optimal performance.

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 TORCH STOCK CODE

WP18FX-12RSSWKG2

1. Torch Head (See Page 219) 2. Cable Length 3. Cable Type 4. Cable Termination (See Page 187-192) 5. Cable Plug (see page 193 -194)

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 187-193 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 **NEW** 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

NEW

WP9-70 1CE TB 12SSW

1. Torch Head

2. Neck

3. Body

Order the rest of the torch as outlined on page 184.

1. TORCH HEAD

CODE	DESCRIPTION
9-70	WP9 90° Head
9-90	WP9 70° 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

1.



9-70



9-90



9-180



17-26



17-26P



24-70



24-90

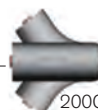
2.



150CE



SF225



200CE

3.



150TB



150VTB



200VTB



53N06



608811

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 237)

3. CABLE TERMINATION

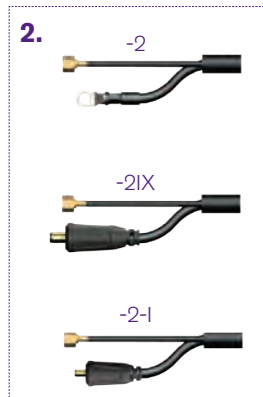
CODE	DESCRIPTION
-2	End fitting with 3/8" BSP nut and lug on power
-2IX	End fitting with 3/8" BSP nut and 35-50 dinse on power, Gas hose 1.5m Longer
-2-1	End fitting with 3/8" BSP nut and 10-25 dinse on power, Gas hose 1.5m Longer

Other end fittings available on request

1.



2.



3.

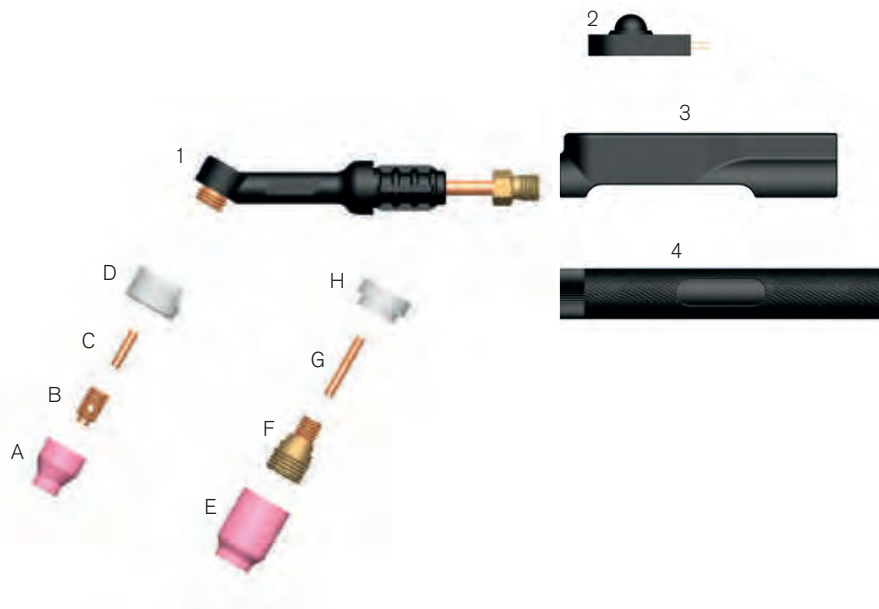




WP24

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

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

Ceramic Cups



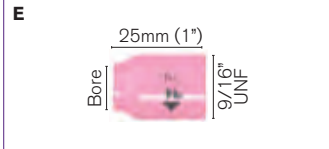
STOCK CODE	SIZE	BORE
53N24	4	6mm (1/4")
53N25	5	8mm (5/16")
53N27	6	10mm (3/8")

Collet Bodies



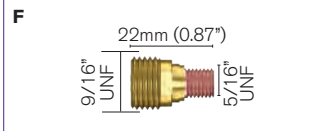
STOCK CODE	ELECTRODE SIZE
53N18	1.0mm (.040")
53N19	1.6mm (1/16")

Gas Lens Cups



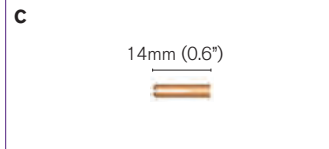
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies



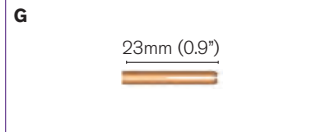
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")

Collets



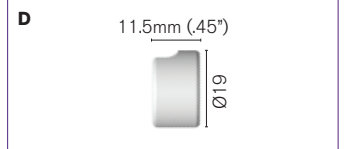
STOCK CODE	ELECTRODE SIZE
53N16	1.0mm (.040")
53N14	1.6mm (1/16")

Gas Lens Collet



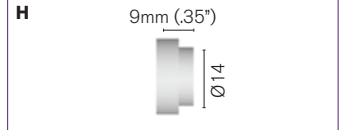
53N64	1.6mm (1/16")
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Cup Gasket



STOCK CODE
53N22

Gas Lens Insulator



53N66

NEW - GAS SAVER RANGE
See pages 180 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.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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")

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")

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")

Cup Gasket

F

STOCK CODE
598882

Long Ceramic Cups

B

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

Large Diameter Gas Lens Cups

I

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 Collets

K

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

Extra Long Ceramic Cups

C

STOCK CODE	SIZE	BORE
796F74	3XL	5mm (3/16")

4L

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

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")

NEW Wedge Collets

M

STOCK CODE	ELECTRODE SIZE
13N21W	1.0mm (.040")
13N22W	1.6mm (1/16")
13N23W	2.4mm (3/32")

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")

Large Diameter Gas Lens Bodies

J

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

NEW - GAS SAVER RANGE
See pages 180 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 57Y04	Back Cap Short 24mm (.04")
5 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
6 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot

STOCK CODE	DESCRIPTION
7 105Z55	Handle
8 WP17V	Torch Body Valve
9 VS-2	Valve Stem
10 WP17FX	Torch Body Flexible
11 WP17VFX	Torch Body Flexi Valve

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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



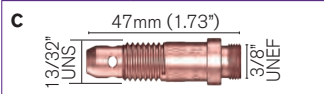
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



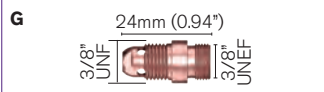
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



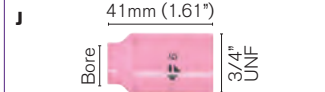
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")

Stubby Collet Body



17CB20	0.5-3.2mm (.020-1/8")
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Gas Lens Cups



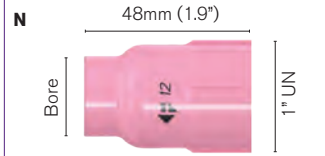
STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (1 1/16")

Long Gas Lens Cups



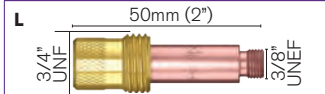
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



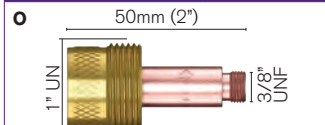
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



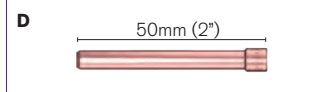
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")

Large Diameter Gas Lens Bodies



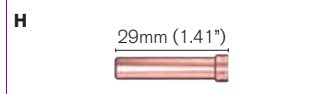
45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

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")

Stubby Collets



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



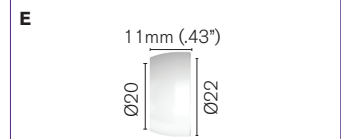
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



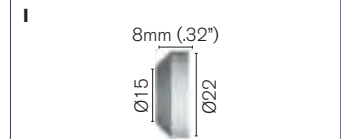
10N22SW	1.0mm (.040")
10N23SW	1.6mm (1/16")
10N24SW	2.4mm (3/32")
10N25SW	3.2mm (1/8")

Cup Gasket



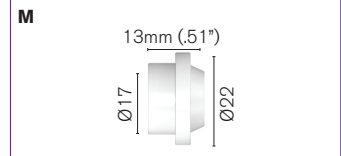
STOCK CODE
18CG

Stubby Cup Gasket



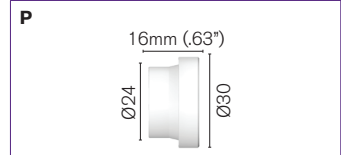
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
-------	---------------

NEW - GAS SAVER RANGE
See pages 180 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

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

Ceramic Cups



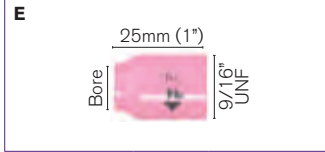
STOCK CODE	SIZE	BORE
53N24	4	6mm (1/4")
53N25	5	8mm (5/16")
53N27	6	10mm (3/8")

Collet Bodies



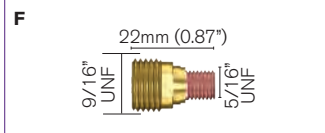
STOCK CODE	ELECTRODE SIZE
53N18	1.0mm (.040")
53N19	1.6mm (1/16")

Gas Lens Cups



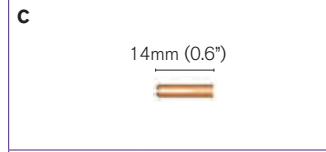
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Gas Lens Bodies



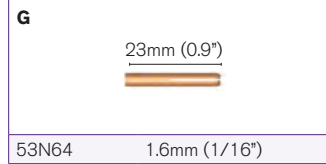
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")

Collets



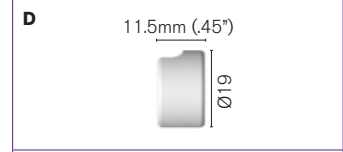
STOCK CODE	ELECTRODE SIZE
53N16	1.0mm (.040")
53N14	1.6mm (1/16")

Gas Lens Collet



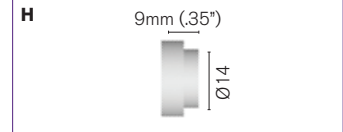
53N64	1.6mm (1/16")
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Cup Gasket



STOCK CODE	53N22
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Gas Lens Insulator



STOCK CODE	53N66
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WP25

WATER COOLED TIG TORCH

200A DC, 150A AC @ 100% Duty Cycle, EN60974-7, 0.5mm-3.2mm (.020"-1/8") Electrodes

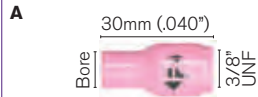


STOCK CODE	DESCRIPTION
1 WP25W	Torch Body including Cup Gasket
2 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
3 RDZ0591	Small Snap-On Boot
NI 607664	Rubber Boot
4 105Z55	Handle

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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")

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

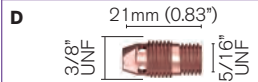


796F74	3XL	5mm (3/16")
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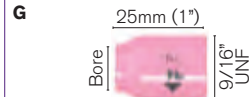
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies



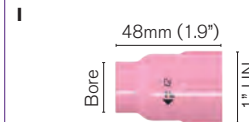
STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups



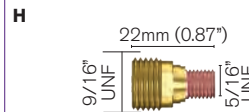
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups



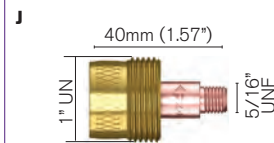
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

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 (1/18")

Large Diameter Gas Lens Bodies



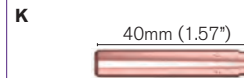
45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

Collets



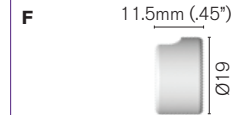
STOCK CODE	ELECTRODE SIZE
13N20	0.5mm (.020")
13N21	1.0mm (.040")
13N22	1.6mm (1/16")
13N22M	2.0mm (5/64")
13N23	2.4mm (3/32")
13N24	3.2mm (1/8")

Large Diameter Collets



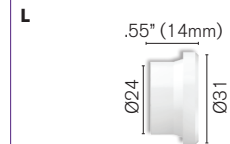
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")

Cup Gasket



STOCK CODE
53N22

Large Diameter Gas Lens Insulator



54N63-20



WP26

AIR COOLED TIG TORCH

200A DC, 150A AC @ 60% Duty Cycle, EN60974-7, 0.5mm-4.0mm (.020"-5/32") Electrodes



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 57Y04	Back Cap Short 24mm (.04")
5 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
6 RDZ0590	Large Snap-On Boot
NI 607663	Rubber Boot
7 10N15	Handle

STOCK CODE	DESCRIPTION
8 VS-1	Valve Stem
9 WP26V	Torch Body Valve
10 WP26FX	Torch Body Flexible
11 WP26VFX	Torch Body Flexi Valve

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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



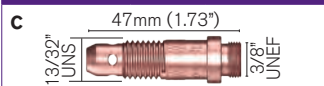
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



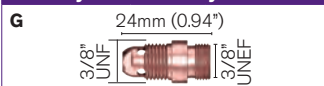
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



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



17CB20	0.5-3.2mm (.020-1/8")
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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



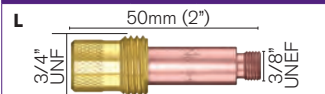
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



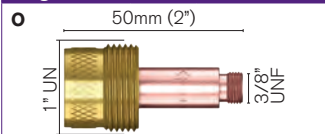
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



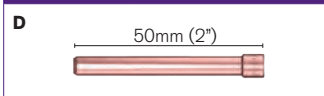
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



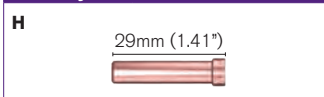
45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

Collets



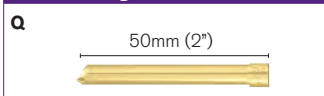
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Stubby Collets



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



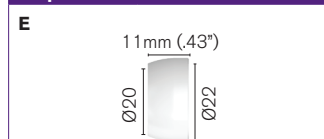
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



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

Cup Gasket



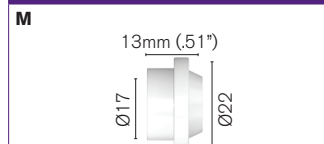
STOCK CODE
18CG

Stubby Cup Gasket



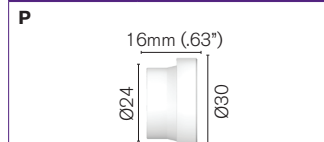
18CG20

Gas Lens Insulator



54N01	Use with 18CG
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Large Gas Lens Insulator



54N63	Use with 18CG
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NEW GAS SAVER RANGE
See pages 180 for more information.

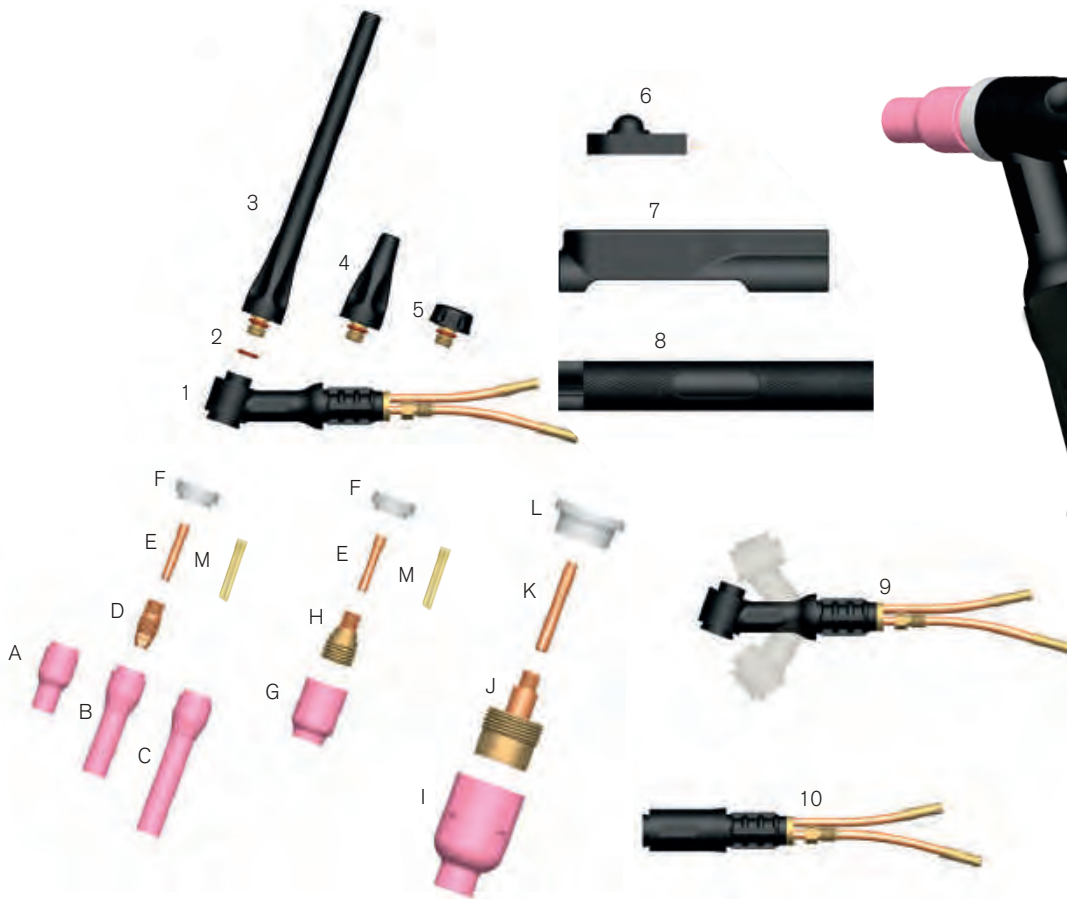
UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



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

Full Parts Breakdown Available
Visit www.parweld.com for more information.

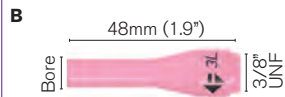
HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

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")

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

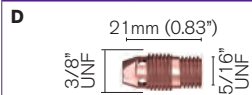


796F74	3XL	5mm (3/16")
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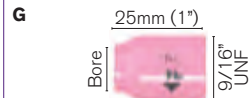
796F75	4XL	6mm (1/4")
796F76	5XL	8mm (5/16")
796F77	6XL	10mm (3/8")

Collet Bodies



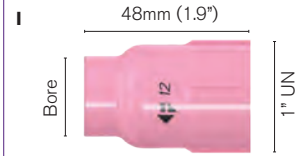
STOCK CODE	ELECTRODE SIZE
13N25	0.5mm (.020")
13N26	1.0mm (.040")
13N27	1.6mm (1/16")
13N27M	2.0mm (5/64")
13N28	2.4mm (3/32")
13N29	3.2mm (1/8")

Gas Lens Cups



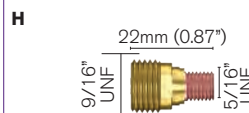
STOCK CODE	SIZE	BORE
53N58	4	6mm (1/4")
53N59	5	8mm (5/16")
53N60	6	10mm (3/8")
53N61	7	11mm (7/16")
53N61-S	8	13mm (1/2")

Large Diameter Gas Lens Cups



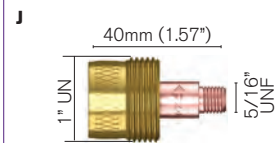
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



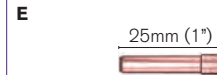
STOCK CODE	ELECTRODE SIZE
45V41	0.5mm (.020")
45V42	1.0mm (.040")
45V43	1.6mm (1/16")
45V43M	2.0mm (5/64")
45V44	2.4mm (3/32")
45V45	3.2mm (1/18")

Large Diameter Gas Lens Bodies



45V116S	1.6mm (1/16")
45V64S	2.4mm (3/32")

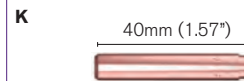
Collets



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")

Large Diameter Collets



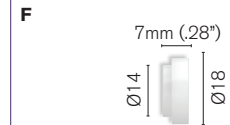
13N22L	1.6mm (1/16")
13N23L	2.4mm (3/32")
13N24L	3.2mm (1/8")

NEW Wedge Collets



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

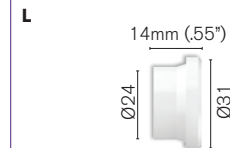
Cup Gasket



STOCK CODE

598882

Large Diameter Gas Lens Insulator



54N63-20

NEW - GAS SAVER RANGE
See pages 180 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 57Y04	Back Cap Short 24mm (.04")
5 950	Microswitch Bulbous
NI 950F	Micro Switch Flat
6 RDZ0590	Large Snap-On Boot

STOCK CODE	DESCRIPTION
7 10N15	Handle
8 WP18FX	Torch Body Flexible
9 WP18SP	Torch Body Pencil

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

Ceramic Cups



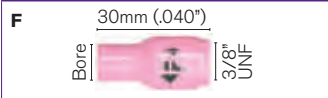
STOCK CODE	SIZE	BORE
10N50	4	6mm (1/4")
10N49	5	8mm (5/16")
10N48	6	10mm (3/8")
10N47	7	11mm (7/16")
10N46	8	13mm (1/2")
10N45	10	16mm (5/8")
10N44	12	19mm (3/4")

Long Ceramic Cups



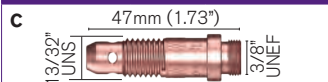
10N49L	5L	8mm (5/16")
10N48L	6L	10mm (3/8")
10N47L	7L	11mm (7/16")

Stubby Ceramic Cups



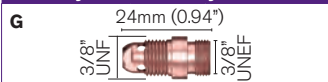
13N08	4	6mm (1/4")
13N09	5	8mm (5/16")
13N10	6	10mm (3/8")
13N11	7	11mm (7/16")
13N12	8	13mm (1/2")
13N13	10	16mm (5/8")

Collet Bodies



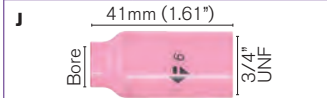
STOCK CODE	ELECTRODE SIZE
10N29	0.5mm (.020")
10N30	1.0mm (.040")
10N31	1.6mm (1/16")
10N31M	2.0mm (5/64")
10N32	2.4mm (3/32")
10N28	3.2mm (1/8")
406488	4.0mm (5/32")

Stubby Collet Body



17CB20	0.5-3.2mm (.020-1/8")
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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



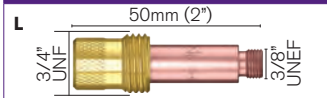
54N17L	5L	8mm (5/16")
54N16L	6L	10mm (3/8")
54N15L	7L	11mm (7/16")

Large Diameter Gas Lens Cups



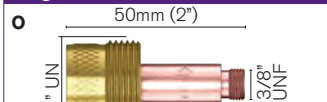
57N75	6	10mm (3/8")
57N74	8	13mm (1/2")
53N88	10	16mm (5/8")
53N87	12	19mm (3/4")

Gas Lens Bodies



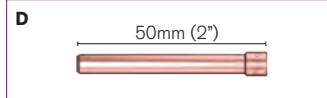
STOCK CODE	ELECTRODE SIZE
45V29	0.5mm (.020")
45V24	1.0mm (.040")
45V25	1.6mm (1/16")
45V25M	2.0mm (5/64")
45V26	2.4mm (3/32")
45V27	3.2mm (1/8")
45V28	4.0mm (5/32")

Large Diameter Gas Lens Bodies



45V116	1.6mm (1/16")
45V64	2.4mm (3/32")
995795	3.2mm (1/8")

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")

Stubby Collets



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



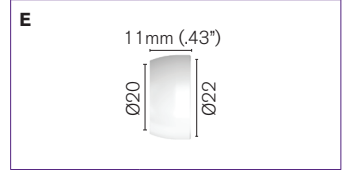
10N22W	1.0mm (.040")
10N23W	1.6mm (1/16")
10N24W	2.4mm (3/32")
10N25W	3.2mm (1/8")

NEW Stubby Wedge Collets



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

Cup Gasket



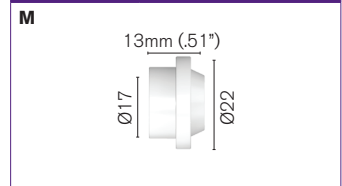
STOCK CODE
18CG

Stubby Cup Gasket



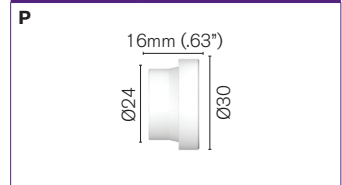
18CG20

Gas Lens Insulator



54N01	Use with 18CG
-------	---------------

Large Gas Lens Insulator



54N63	Use with 18CG
-------	---------------

NEW - GAS SAVER RANGE
See pages 180 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



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 57Y04	Back Cap Short 24mm (.04")
5 950	Microswitch Bulbous

STOCK CODE	DESCRIPTION
6 RDZ0590	Large Snap-On Boot
7 10N15	Handle

Full Parts Breakdown Available
Visit www.parweld.com for more information.

HOW TO ORDER
See pages 237 for more information.
For alternative cable plugs and terminations see pages 185 -194.

Gas Lens Cups



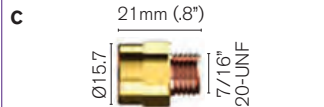
STOCK CODE	SIZE	BORE
54N18	4	6mm (1/4")
54N17	5	8mm (5/16")
54N16	6	10mm (3/8")
54N15	7	11mm (7/16")
54N14	8	13mm (1/2")
54N19	11	18mm (11/16")

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
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



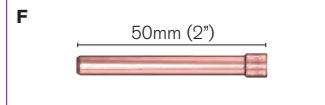
STOCK CODE	ELECTRODE SIZE
NCB-53	3.4mm

Large Diameter Gas Lens Bodies



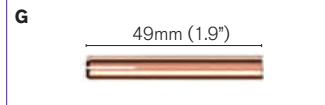
NCB-36	5mm
--------	-----

Collets



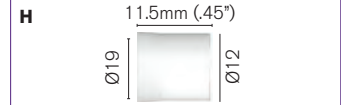
STOCK CODE	ELECTRODE SIZE
10N21	0.5mm (.020")
10N22	1.0mm (.040")
10N23	1.6mm (1/16")
10N23M	2.0mm (5/64")
10N24	2.4mm (3/32")
10N25	3.2mm (1/8")
54N20	4.0mm (5/32")

Heavy Duty Collets



10N25HD	3.2mm (1/8")
54N20HD	4.0mm (5/32")
18C36	4.8mm (3/16")

Cup Gasket



STOCK CODE
18NG

UPGRADE TO PRO-GRIP MAX®
See pages 182 for more information.



TW 450

WATER COOLED TIG TORCH

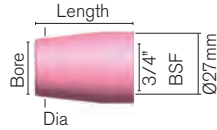
450A DC, 340 AC @ 100% duty cycle, EN60974 -7, 1.2mm-6.4mm (.045"-1/4") Electrodes



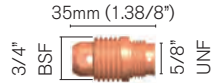
STOCK CODE	DESCRIPTION
1402225	Torch x 4m c/w PVC Cable & Switch
1402226	Torch x 8m c/w PVC Cable & Switch
1402225C	Torch x 4m c/w PVC Cable, SSW
1402226C	Torch x 8m c/w PVC Cable, SSW
1415026	Torch x 4m c/w Overbraid Cable, SSW
1415027	Torch x 8m c/w Overbraid Cable, SSW

STOCK CODE	DESCRIPTION
1 889692	O' Ring Pack
2 609041	Torch Body
3 607756*	Long Back Cap
4 607758	Back Cap
5 950	Microswitch Bulbous
6 RDZ0590	Large Snap-On Boot

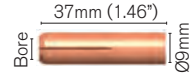
Full Parts Breakdown Available
Visit www.parweld.com for more information.

Standard Alumina Cups
A


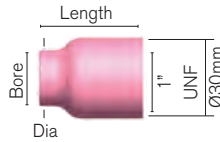
STOCK CODE	DIAMETER	BORE
889688	14mm (9/16")	10mm (3/8")
889689*	17mm (11/16")	13mm (1/2")
889690	22mm (7/8")	15mm (5/8")

Collet Bodies
B


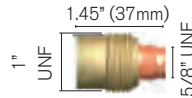
STOCK CODE	BORE
606090*	1.2mm-6.4mm (3/64"-1/4")

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")

Collets
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")

* Denotes standard build



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

NEW



Ideal for boiler repair and pipe welding.

Head extends up to 118mm from handle.

Can be bent once to custom shape by user.

Full Parts Breakdown Available
Visit www.parweld.com for more information.

STOCK CODE	DESCRIPTION
PW0020042	HCAR Construction Torch x 4m

STOCK CODE	DESCRIPTION
1 TSC0097	Torch Body
2 TSC0094	Short Back Cap
3 950	Microswitch Bulbous
4 RDZ0590	Large Strap On Boot
5 608811	Handle Large Threaded, Black
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")

EXTENSION CABLES/SWITCHES

MOMENTARY SWITCH



STOCK CODE	DESCRIPTION
1 950	Microswitch Bulbous
2 950F	Microswitch Flat
NI 950F-40	Flat Switch & Leads x 4m
950F-80	Flat Switch & Leads x 8m
3 950-40	Bulbous Switch & Leads x 4m
950-80	Bulbous Switch & Leads x 8m
950-40S	Bulbous Switch c/w Screened Cable x 4m
950-80S	Bulbous Switch c/w Screened Cable x 8m

LEVER TYPE MOMENTARY SWITCH



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)

NEW 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

SNAP ON WATER CONNECTOR SMALL TAIL



STOCK CODE
B5034

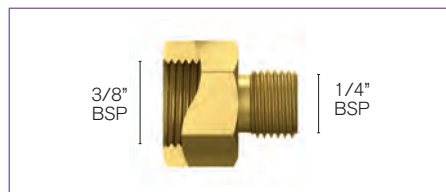
SNAP ON WATER CONNECTOR LARGE TAIL



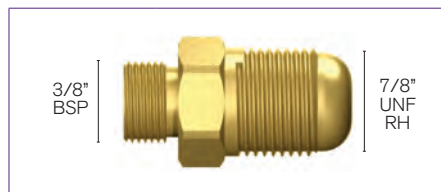
STOCK CODE
801223



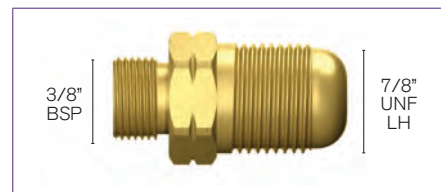
CABLE ADAPTORS



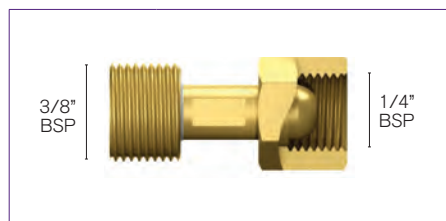
STOCK CODE	DESCRIPTION
608382	Adaptor 1/4" BSP Male x 3/8" BSP Female



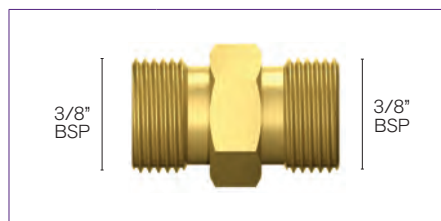
STOCK CODE	DESCRIPTION
608608	Adaptor 3/8" BSP Male x 7/8" UNF RH Male



STOCK CODE	DESCRIPTION
608609	Adaptor 3/8" BSP Male x 7/8" UNF LH Male



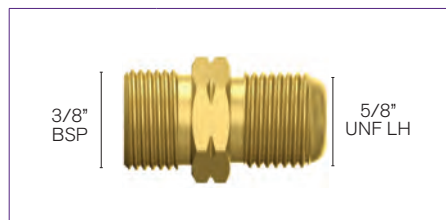
STOCK CODE	DESCRIPTION
608538	Adaptor 3/8" BSP Male x 1/4" BSP Female



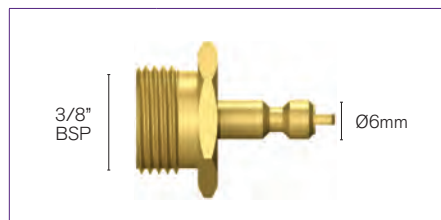
STOCK CODE	DESCRIPTION
0315070	Equal Coupler 3/8" BSP Male



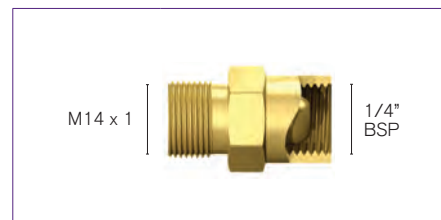
STOCK CODE	DESCRIPTION
608605	Adaptor 3/8" BSP Male x 5/8" UNF RH Male



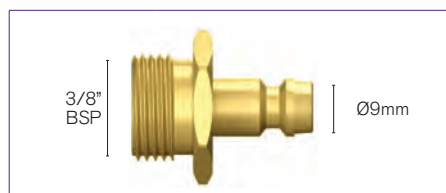
STOCK CODE	DESCRIPTION
608606	3/8" BSP Male x 5/8" UNF LH Male



STOCK CODE	DESCRIPTION
608618	Adaptor 3/8" BSP Male x Quick Fit Gas (Migatronic®)



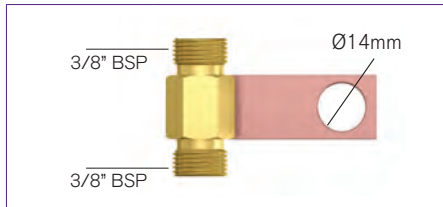
STOCK CODE	DESCRIPTION
608615	Adaptor M14 x 1" Male x 1/4" BSP Female



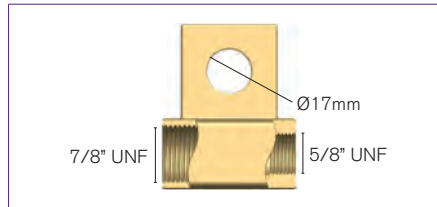
STOCK CODE	DESCRIPTION
608619	Adaptor 3/8" BSP Male x Quick Fit Water

Migatronic® trademarks is the property of their respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.

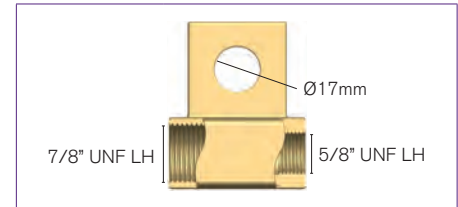
POWER ADAPTORS



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

PARWELD PLASMA

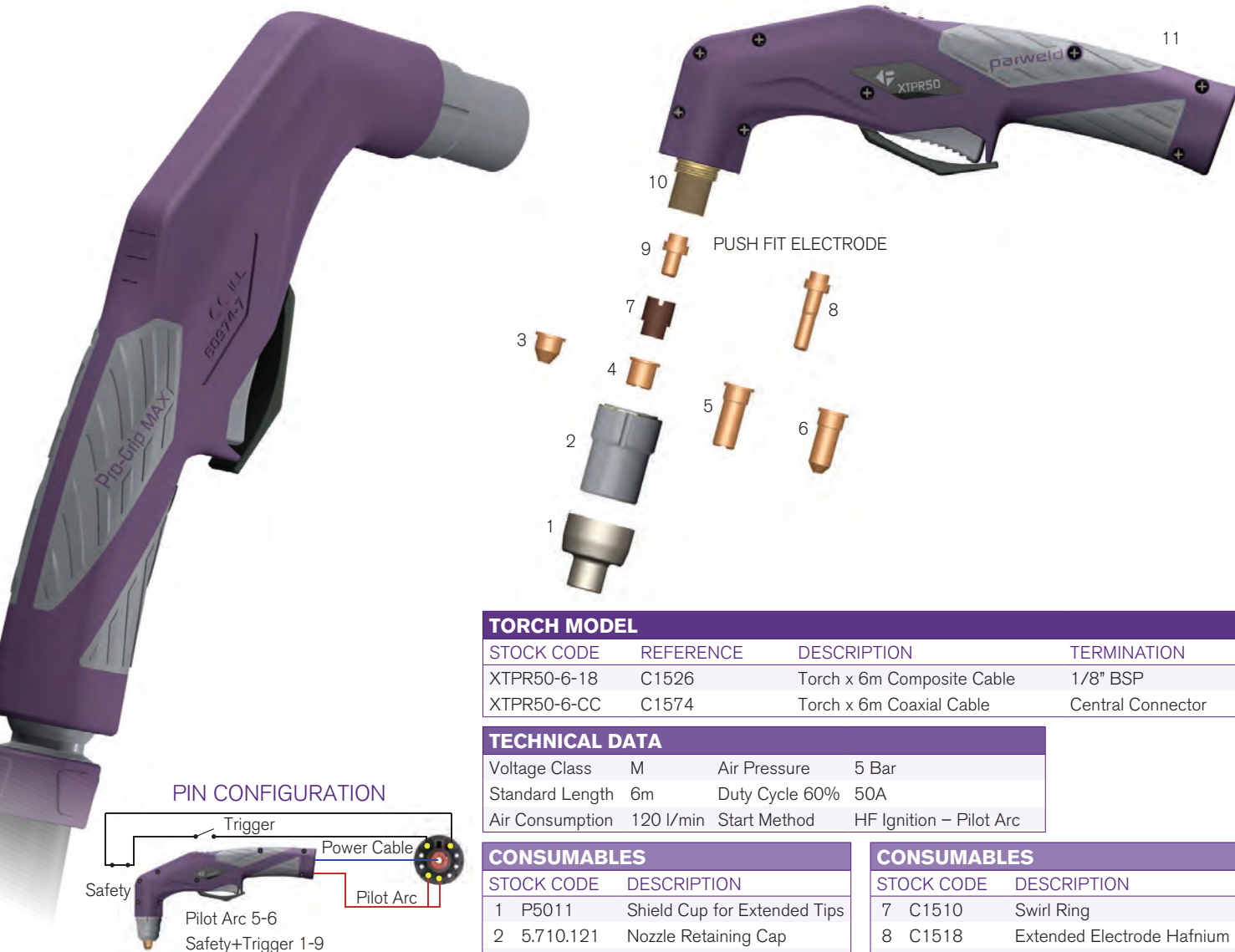


Designed with perfect balance and endless comfort, the Parweld Plasma range utilises our Pro-Grip® handle style.

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® PROF 35HF/50

50A @ 60% Duty Cycle, EN60974-7



TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTPR50-6-18	C1526	Torch x 6m Composite Cable	1/8" BSP
XTPR50-6-CC	C1574	Torch x 6m Coaxial Cable	Central Connector

TECHNICAL DATA			
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	50A
Air Consumption	120 l/min	Start Method	HF Ignition – Pilot Arc

CONSUMABLES		
STOCK CODE	DESCRIPTION	
1 P5011	Shield Cup for Extended Tips	
2 5.710.121	Nozzle Retaining Cap	
3 C1305	Cutting Tip 1.0mm Conical	
4 C1304	Cutting Tip 1.0mm Flat	
5 C1370	Extended Tip 1.0mm Flat	
6 C1306	Extended Tip 1.0mm Conical	

CONSUMABLES		
STOCK CODE	DESCRIPTION	
7 C1510	Swirl Ring	
8 C1518	Extended Electrode Hafnium	
9 C1521	Electrode Hafnium	
10 PWC1352	Torch Head	
11 PWC1356	Handle c/w Trigger	

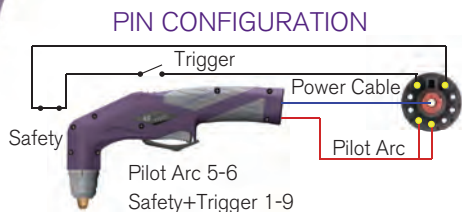
ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 for more information.

Cebora® trademarks is the property of their respective owner, and usage is for reference only. These products are not endorsed by the original manufacturer.



CEBORA® PROF 70

70A @ 60% Duty Cycle, EN60974-7



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 for more information.

TORCH MODEL			
STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTPR70-6-18	C1564	Torch x 6m Composite Cable	1/8" BSP
XTPR70-6-CC	C1573.20	Torch x 6m Coaxial Cable	Central Connector

TECHNICAL DATA			
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	70A
Air Consumption	120 l/min	Start Method	HF Ignition – Pilot Arc

CONSUMABLES		
STOCK CODE	DESCRIPTION	
1 C1394	Spacer Spring	
2 5.710.171	Nozzle Retaining Cap	
3 C1395	Extended Cutting Tip 1.0mm 50A	
	C1395/L Extended Cutting Tip 1.2mm 70A	
4 C1396	Cutting Tip Long Life 1.0mm 50A	
	C1308 Cutting Tip Long Life 1.2mm 70A	
5 C1305	Cutting Tip 1.0mm Conical	
6 C1510	Swirl Ring	

CONSUMABLES	
STOCK CODE	DESCRIPTION
7 C1403	Extended Electrode
8 C1402	Electrode
9 3.065.204	Diffuser
10 PWC1351	Torch Head c/w Diffuser
11 C3160067	O' Ring-Torch Head
12 PWC1356	Handle c/w Trigger

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CEBORA® CP90/91

90A @ 60% Duty Cycle, EN60974-7



TORCH MODEL

STOCK CODE	REFERENCE	DESCRIPTION	TERMINATION
XTCP90-6-18	C1215	Hand Torch x 6m Composite Cable	1/8" BSP
XTCP90-6-CC	C1214	Hand Torch x 6m Coaxial Cable	Central Connector
XTCP90-12-CC	C1214.20	Hand Torch x 12m Coaxial Cable	Central Connector
XTCP90M-6-CC	C1218	Machine Torch x 6m Coaxial Cable	Central Connector
XTCP90M-12-CC	C1218.20	Machine Torch x 12m Coaxial Cable	Central Connector

TECHNICAL DATA

Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	90A
Air Consumption	160 l/min	Start Method	HF Ignition – Pilot Arc

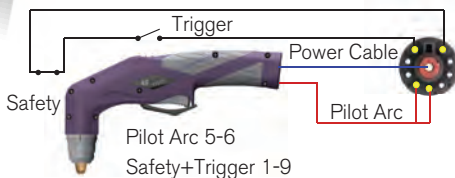
CONSUMABLES

STOCK CODE	DESCRIPTION
1 C1945SP	Shield c/w Spacer for Contact Cutting
2 C1901SP	Nozzle Retaining Cap
3 C1847SP	Cutting Tip 1.0mm 20-50A
C1848SP	Cutting Tip 1.2mm 50-70A
C1849SP	Cutting Tip 1.3mm 70-90A
4 C1510	Swirl Ring

CONSUMABLES

STOCK CODE	DESCRIPTION
5 C1368	Electrode Hafnium
6 C0109042	Diffuser
7 C3160067	O' Ring-Torch Head
8 PWC1358	Torch Head c/w Diffuser
9 PWC1356	Handle c/w Trigger
10 C3055623	Handle Machine Torch
11 C1348	Torch Head-Machine

PIN CONFIGURATION

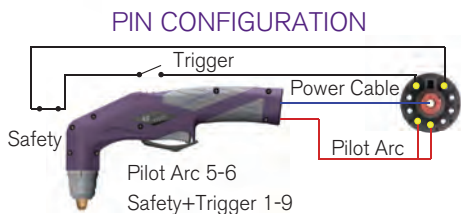


ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 for more information.



CEBORA® PROF 90/120/150/160

150A @ 60% Duty Cycle, EN60974-7



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 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

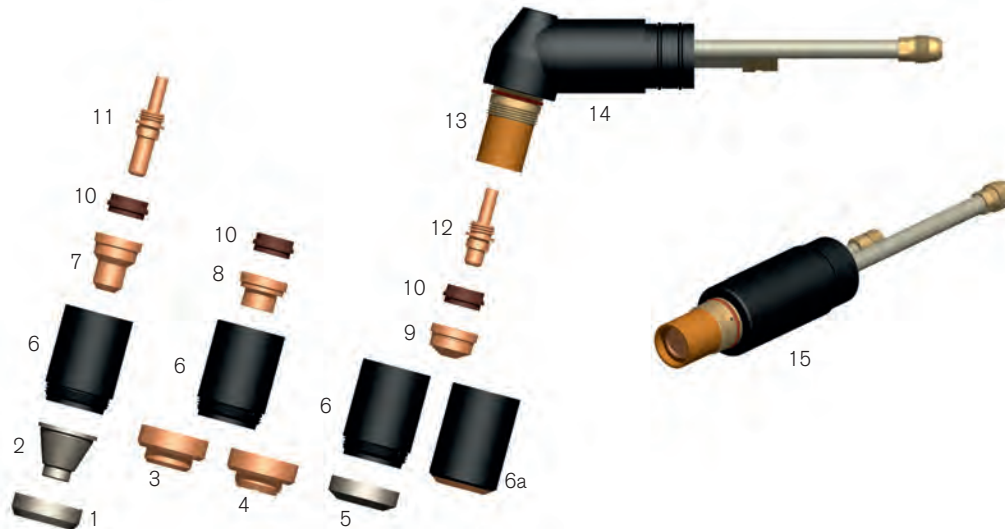
TECHNICAL DATA			
Voltage Class	M	Air Pressure	5 Bar
Standard Length	6m	Duty Cycle 60%	150A
Air Consumption	220 l/min	Start Method	HF Ignition – Pilot Arc

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
	C1372	Cutting Tip 1.3mm-40-90A
	C1373	Cutting Tip 1.6mm-80-120A
	C1374	Cutting Tip 1.8mm-110-150A
	C1375	Gouging Tip 3.0mm
7	C1377	Swirl Ring Vespel
8	C1376	Electrode Hafnium

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
	C1391	Flat Cutting Tip 1.6mm 80 120A
	C1392	Flat Cutting Tip 1.8mm 110 150A

HYPERTHERM® CONSUMABLES

MAX 70/ MAX 80/ MAX 100 (PAC 130)



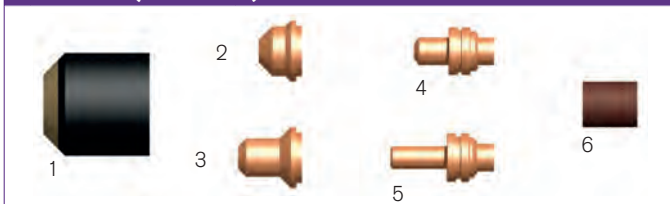
STOCK CODE	DESCRIPTION
1 H8003	Locking Nut
2 H8002	Spacer Contact Cutting-Extended Tip
3 020334	Shield Cup-Machine Torch
4 020335	Spacer Contact Cutting-Hand Torch
5 020333	Deflector
6 020336	Contact Nozzle Retaining Cap
6a 020184	Extended Tip Retaining Cap
7 H8001	Extended Cutting Tip 1.0mm 40A
020563	Extended Cutting Tip 1.4mm 70-80A
8 020396	Contact Cutting Tip 1.0mm 40A

STOCK CODE	DESCRIPTION
020397	Contact Cutting Tip 1.3mm 70-80A
9 020203	Cutting Tip 1.0mm 40A
020345	Cutting Tip 1.3mm 70-80A
020195	Cutting Tip 1.5mm 100A
10 020194	Swirl Ring
11 020564	Extended Electrode
12 120433	Electrode Air-Long Life
13 P1501	Front Insulator
14 020189	Torch Head-Hand
15 020201	Torch Head-Machine



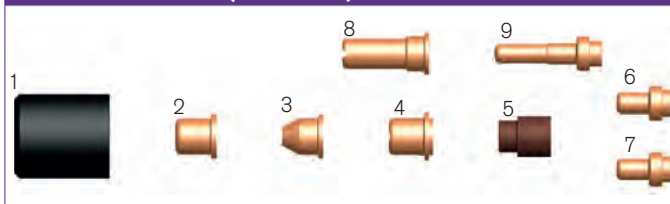
HYPERTHERM® CONSUMABLES

MAX 20 (PAC110)



STOCK CODE	DESCRIPTION
1 020218	Retaining Cap
2 020219	Cutting Tip
020299	Cutting Tip
3 020381	Long Cutting Tip 20A
4 020220	Electrode Hafnium
5 020382	Long Electrode Hafnium
6 020239	Swirl Ring

MAX 40/ HT40 (PAC140)



STOCK CODE	DESCRIPTION
1 020104	Nozzle Refraining Cap
2 020102	Flat Machine Torch Cutting Tip
3 020131	Cutting Tip Pipe
4 020115	Cutting Tip Flat
5 020101	Swirl Ring
6 020103	Electrode Hafnium Air
7 020167	Electrode Nitrogen
8 020466	Cutting Tip Long
9 020467	Long Electrode Hafnium

MAX 40CS/MAX 42/MAX 43 (PAC121TS/ PAC125T)

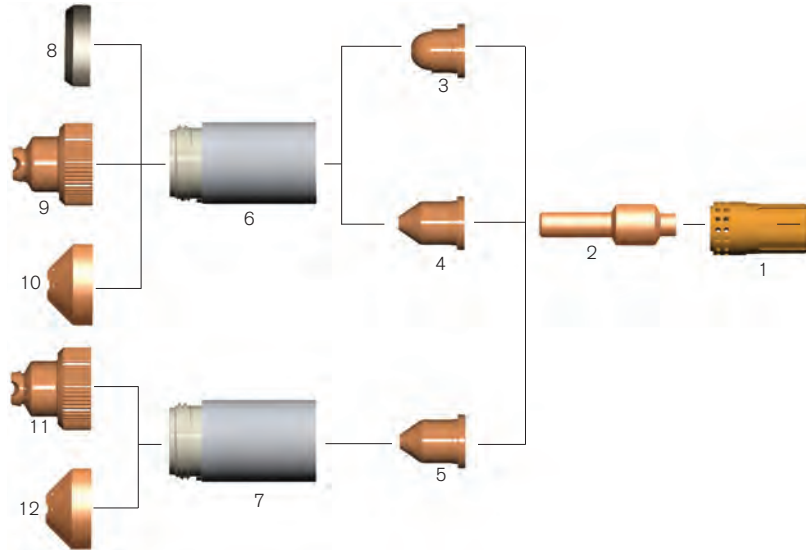


STOCK CODE	DESCRIPTION
1 020930	Retaining Cap
2 020539	Gouging Tip
3 020542	Pipe Tip
4 020350	Cutting Tip 1.0mm
5 020546	Extended Tip 1.0mm
6 120573	Electrode Hafnium
7 120574	Long Electrode Hafnium
8 020361	Swirl Ring



HYPERTHERM® CONSUMABLES

POWERMAX 45, 85, 105



STOCK CODE	DESCRIPTION
1 220857	Swirl Ring
2 220842	Electrode
3 220930	Tip 45 Precision Cut
4 22024ITD	Tip 45A
220819TD	Tip 65A
220816TD	Tip 85A
5 220890TD	Tip 105A
6 220854/85	Retaining Cap 45/85A
7 220854/85	Retaining Cap 105A
8 220955	Deflector
9 51927G	Heat Shield 45/85A
10 51927G	Gouging Heat Shield
11 220982TD	Heat Shield 105A
12 51927G	Gouging Heat Shield



HYPERTHERM® CONSUMABLES

MAX 100D (PAC160)



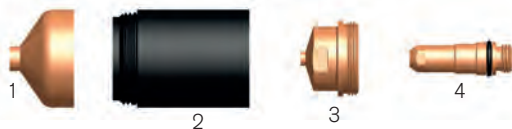
STOCK CODE	DESCRIPTION
1 020705	Cutting Tip 100A
2 020706	Swirl Ring
3 120433	Electrode Air
020193	Electrode Nitrogen

MAX 200/HT2000



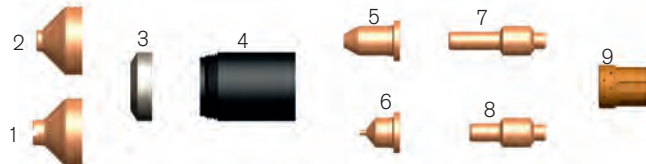
STOCK CODE	DESCRIPTION
1 020448	Shield Cap-Air, N ₂ , Ar/H-100A
020424	Shield Cap -Air, N ₂ , Ar/H, O ₂ -200A
2 020423	Retaining Cap
3 020608	Nozzle Air, N ₂ , Ar/H 2.2mm 200A
020605	Nozzle O ₂ 2.1mm 200A
020690	Nozzle O ₂ 1.4mm 100A (HT2000)
020616	Nozzle Gouging Air 200A
4 020615	Nozzle O ₂ 1.4mm 100A
020611	Nozzle Air, N ₂ , Ar/H 1.5mm 100A
5 020689	Nozzle Air 1.0mm 40A
6 120547	Electrode O ₂ , Air 200A
120667	Electrode O ₂ , Air 100A
020415	Electrode Ar/H 200A

HT2000



STOCK CODE	DESCRIPTION
1 220239	Shield Cap O ₂ 200A
2 220238	Retaining Cap O ₂ 200A
3 220237	Nozzle O ₂ 200A
4 220235	Electrode O ₂ 200A

POWERMAX 600 (PAC123T)



STOCK CODE	DESCRIPTION
1 120828	Shield (Hand Torch) Use with 120600
2 120827	Shield (Machine Torch) Use with 120600
3 120303	Deflector, Use with 120600
4 120600	Retaining Cap
5 120606	Extended Tip 35A
6 120826	Tip 40A
7 120574	Extended Electrode
8 120573	Electrode
9 120576	Swirl Ring

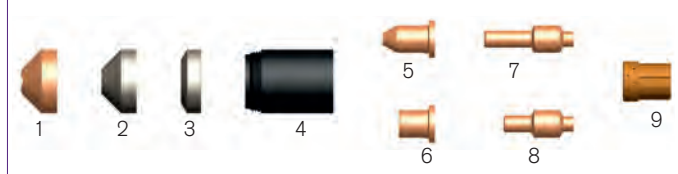
HYPERTHERM® CONSUMABLES

POWERMAX 800 (PAC 121TS/ 125T)



STOCK CODE	DESCRIPTION
1 PM802	Spacer Spring
2 PM801	Spring (Holder Protection Nut) Use with 120301
3 120283	Shield (Hand Torch) Use with 120301
4 120326	Shield, Machine Torch
5 120301	Retaining Cap
6 020930	Nozzle Retaining Cap
7 120304	Extended Tip
8 120305	Tip Pipe Saddle
9 020395	Tip 1.1mm
10 120438	Tip 40A
120282	Tip 50A
11 120574	Long Electrode Hafnium
12 120573	Electrode
13 020361	Swirl Ring

POWERMAX 900 (PAC 125T)



STOCK CODE	DESCRIPTION
1 120303	Deflector, Use with 120600 & Extended Tip
2 120602	Shield (Machine Torch) Use with 120600
3 120601	Shield (Hand Torch) Use with 120600
4 120600	Retaining Cap
5 120606	Extended Cutting Tip 35A
120578	Extended Pipe Saddle Tip 55A
6 120577	Shielded Cutting Tip 55A
7 120574	Long Electrode Hafnium
8 120573	Electrode
9 120576	Swirl Ring

POWERMAX 1000/ POWERMAX 12500 (T60/T80)



STOCK CODE	DESCRIPTION
1 120930	Shield, Machine Torch
2 120929	Shield, Hand Torch 40-80A
3 120928	Retaining Cap 40-80A
4 120932	Cutting Tip 40A
120931	Cutting Tip 60A
120927	Cutting Tip 80A
5 120926	Electrode
6 120925	Swirl Ring 40-80A

POWERMAX 1650 (T100)



STOCK CODE	DESCRIPTION
1 220047	Shield, Machine Torch
2 220065	Shield, Hand Torch 100A
3 220048	Retaining Cap, 100A
4 220011	Cutting Tip, 100A
5 220037	Electrode, 100A
6 220051	Swirl Ring, 100A

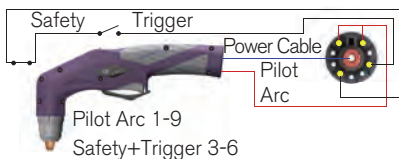


HYPERTHERM® HYP 45

70A @ 50% Duty Cycle, EN60974-7



PIN CONFIGURATION



Pilot Arc 1-9

Safety+Trigger 3-6

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 P220713	Retaining Cap
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

ALTERNATIVE PIN CONFIGURATIONS AVAILABLE

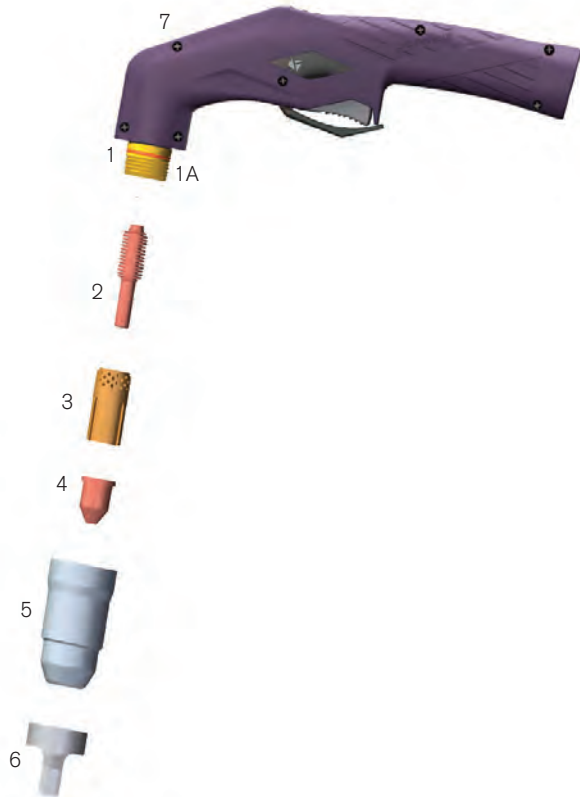
See pages 285 for more information.

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HYPERTHERM® HYP 120

120A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 for more information.

TORCH MODEL

STOCK CODE	DESCRIPTION	TERMINATION
XT4412-66-CC	Torch x 6m Coaxial Cable	Central Control

TECHNICAL DATA

Voltage Class	M	Duty Cycle 60%	120A
Standard Length	6M	Duty Cycle 100%	100A
Air Consumption	295 l/Min	Start Method	Pneumatic Ignition
Air Pressure	5 Bar		

CONSUMABLES

STOCK CODE	DESCRIPTION
1 03800	Torch Head
1A 02800.60	O Ring
2 52676	Electrode 80 120A
3 60044E	Swirl Ring
4 51408	Cutting Tip 100A

CONSUMABLES

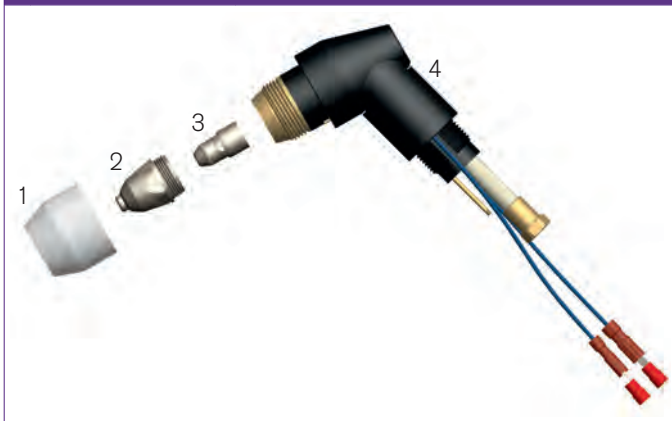
STOCK CODE	DESCRIPTION
51408T	Cutting Tip 120A
5 60494	Retaining Cup 80 120A
6 60434	Double Spacer
7 PW09705	Handle c/w Trigger

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PANASONIC® CONSUMABLES

PANASONIC® (TKU08103)



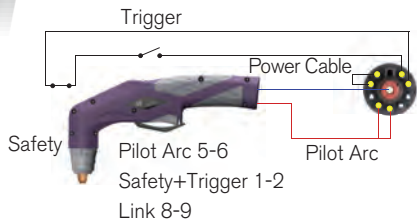
STOCK CODE	DESCRIPTION
1 TGN02004	Shield Cup
2 TET1130	Cutting Tip 1.3mm
TET01512	Cutting Tip 1.5mm
3 TET02033	Electrode Hafnium
4 TKU08103	Torch Head Hand

PARWELD XT4000

60A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 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
	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

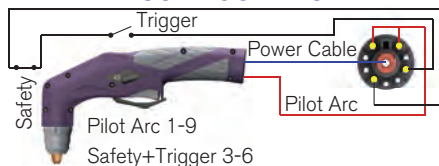


TRAFIMET® S45

40A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE

See pages 285 for more information.

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			

CONSUMABLES

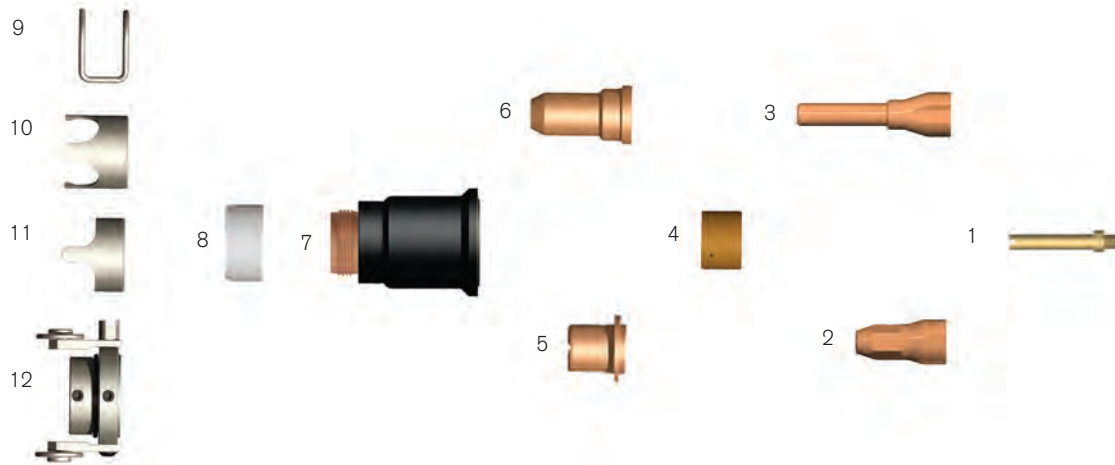
1	CV10	Stand Off Guide
2	CV24	Carriage
3	PC116	Outside Nozzle
4	PD102-10	Cutting Tip
5	PD116-06	Long Cutting Tip 0.65mm
	PD116-08	Long Cutting Tip 0.8mm
	PD116-09	Long Cutting Tip 0.9mm
6	PD103-09	Extra Long Cutting Tip 0.9mm

CONSUMABLES

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

TRAFIMET® CONSUMABLES

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
	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

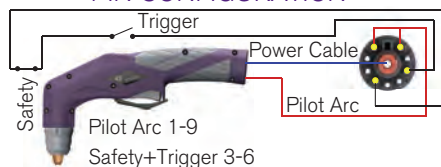


TRAFIMET® S105

100A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE

See pages 285 for more information.

TORCH MODEL

STOCK CODE	DESCRIPTION	TERMINATION
XTS105-6-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 09700	Torch Head
2 A1647	Diffuser
3 PE112	Swirl Ring
4 PR117	Electrode
5 PD119-10	Cutting Tip 50A 1.0mm

CONSUMABLES

STOCK CODE	DESCRIPTION
PD119-12	Cutting Tip 70A 1.2mm
PD119-14	Cutting Tip 100A 1.4mm
6 PC118	Outer Cap
7 CV12	Two Pins Crown Shield
8 PWTP110	PWTP110 Handle c/w Trigger

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TRAFIMET® A81

80A @ 60% Duty Cycle, EN60974-7



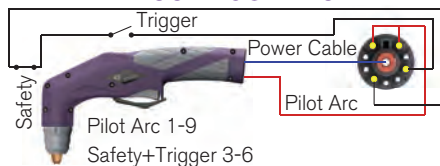
TORCH MODEL

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 285 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
	PD105-11	Cutting Tip 1.1mm
	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



TRAFIMET® A101

100A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



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

ALTERNATIVE PIN CONFIGURATIONS AVAILABLE

See pages 285 for more information.

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
	PC130	Contact Cutting Nozzle Long Life
9	PC109	Outside Nozzle
	PC111	Heavy Duty Nozzle

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

10	PD117-14	Long Cutting Tip 1.4mm
	PD117-17	Long Cutting Tip 1.7mm
	PD117-19	Long Cutting Tip 1.9mm
11	PD111	Long Cutting Tip 1.0mm
12	PD101-11	Cutting Tip 1.1mm
	PD101-14	Cutting Tip 1.4mm
	PD101-17	Cutting Tip 1.7mm
13	PE103	Air Diffuser

CONSUMABLES

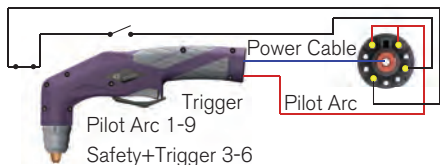
14	PE101	Air Diffuser
15	PR116	Long Electrode
16	PR101	Electrode
17	FH562	Diffuser
18	PWPF145	Torch Head c/w FH562 Diffuser
19	EA131	O' Ring
20	PWTP110	Handle c/w Trigger
21	FH297	Insulator Washer

TRAFIMET® A141

140A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE
See pages 285 for more information.

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
	PC131	Contact Cutting Nozzle Long Life
9	PC101	Outside Nozzle
	PC102	Heavy Duty Nozzle
10	PD117-14	Long Cutting Tip 1.4mm

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

	PD117-17	Long Cutting Tip 1.7mm
	PD117-19	Long Cutting Tip 1.9mm
11	PD111	Long Cutting Tip 1.0mm
12	PD101-14	Cutting Tip 1.4mm
	PD101-17	Cutting Tip 1.7mm
	PD101-19	Cutting Tip 1.9mm
	PD101-30	Cutting Tip 3.0mm
13	PE103	Air Diffuser Long Cutting Tip

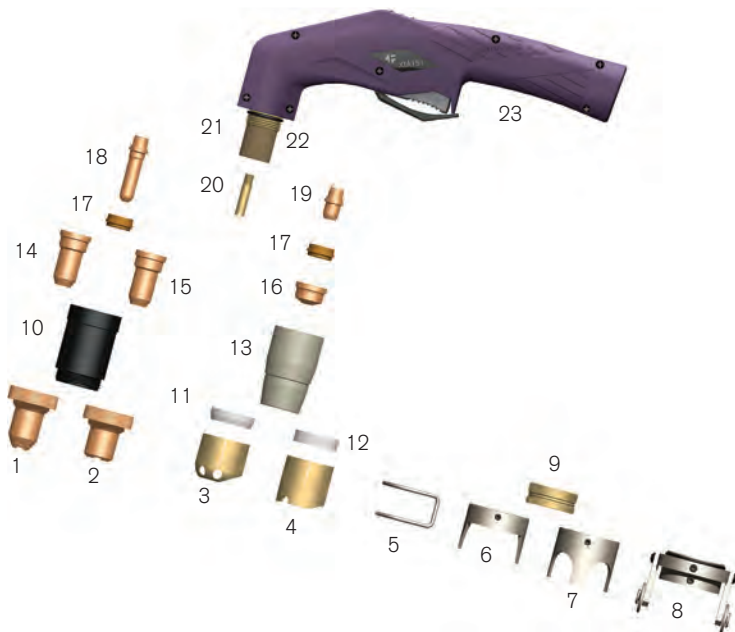
CONSUMABLES

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

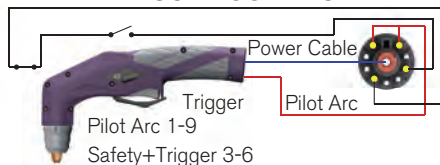


TRAFIMET® A151

150A @ 60% Duty Cycle, EN60974-7



PIN CONFIGURATION



ALTERNATIVE PIN CONFIGURATIONS AVAILABLE

See pages 285 for more information.

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

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

	PD117-17	Long Cutting Tip 1.7mm
	PD117-19	Long Cutting Tip 1.9mm
15	PD111	Long Contact Cutting Tip 1.0mm
16	PD109-14	Cutting Tip 1.4mm
	PD109-16	Cutting Tip 1.6mm
	PD109-18	Cutting Tip 1.8mm
	PD109-30	Cutting Tip 3.0mm

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

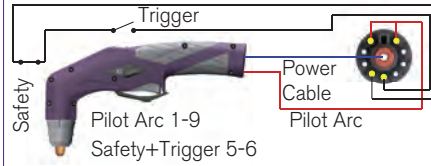
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ALTERNATE PIN CONFIGURATIONS

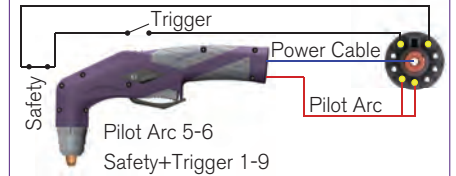
OPTION 1



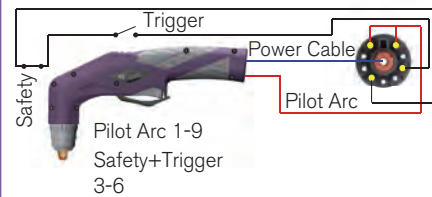
OPTION 2



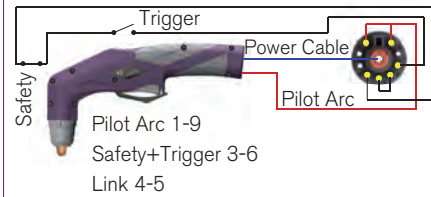
OPTION 3



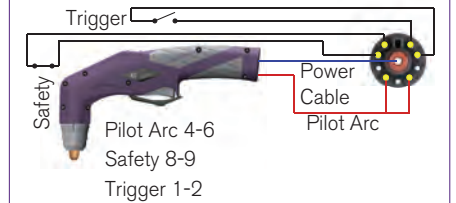
OPTION 4



OPTION 5



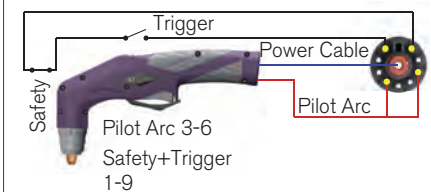
OPTION 6



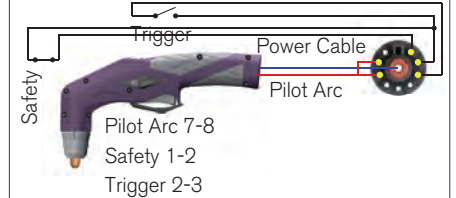
OPTION 7



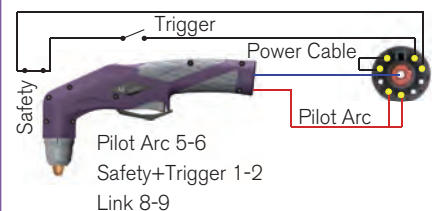
OPTION 8



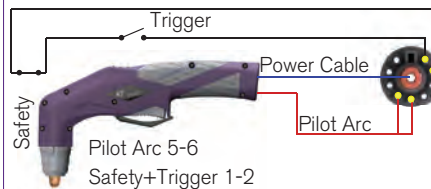
OPTION 9



OPTION 10



OPTION 11



OPTION 12

