



Welding Tools for the Professional



A Smart Approach

Parker Torchology is shaped by people with vision, a passion for improvement and a belief in delivering the very best Welding and Cutting Torch Range in the World.

We expect a great deal from our products, so we ask a lot of ourselves and our engineers.

Our mantra: Innovation, Technology, Performance.





DNA

Design and Engineering excellence are at the core of everything we do.

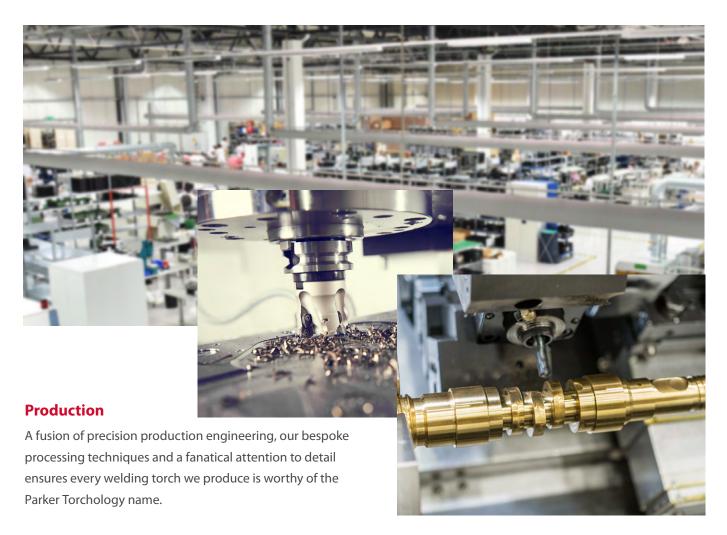
Every torch we build is driven by our relentless pursuit of perfection.

Premium Features

At Parker Torchology we do things differently, we strive to solve your problems with the perfect product to suit your needs. We create smart product features encased in cutting-edge design to ensure you always have the best tools to hand.





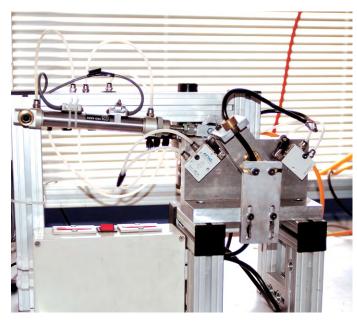


Testing, Testing, Testing

It takes patience to develop a new product, it's a lot more than a great idea.

Product development is an iterative process, trying something over and over, changing one small variable at a time.

We build endless prototypes and test pieces that undergo months of rigorous testing. Only once a product has passed up to 88 different test procedures, with every single part tested separately do we consider our latest designs ready for market.





Partners

Our customers and business partners play a vital role in our development. With the core aim to strive together, we work with end-users, distributors and academic institutions alike.

As a result we share fundamental values in order to succeed in our respective market places, supporting economic growth and collaborative opportunities with others.





A Bright Future

Technology doesn't stand still, which is why we are constantly innovating to bring you the best products on the market.

Our strong vision and focused innovation strategy, not to mention our passion to revolutionize the industry, ensure that Parker Torchology is a byword for excellence.

We Talk Torches

WLD Ribbed Tig Torch Range

North American Terminations



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WLD Ribbed Tig Torch Range North American Terminations

Air and Liquid-Cooled

A comprehensive range of North American style standard Tig torches.

Welding Tools for the Professional



100% Weldcraft® Compatibility Guaranteed

Quality Wear Parts

Wear parts are manufactured to the same specifications as the original Weldcraft ensuring reliability, longevity and superior performance

An extensive range of wear part options includes:-

- · Standard and stubby collets and collet bodies
- Standard and stubby gas lens series
- · Large diameter gas lens series

Handle Sets Ribbed

Traditional round ribbbed handles for use with foot operated pedals





Torch bodies

Produced from premium grade silicon rubber for the highest possible performance levels $\,$

- Torch bodies available in standard, flexible, long flexible and special access options
- Flex neck coil elements developed with specific grade coppers for extended flex life







Flexibility and Durability

A comprehensive range of single and 2 piece power cables, available "bare" or in SSW styles

Options include:-

Mono

2 Piece

PVC

Rubber SSW

Cable protection is provided by an optional zipper cover





WLD Tig Torch Range

Ratings: 110 Amp to 410 Amp

5.0Bar

50°C



Model

Rating: DC

Duty Cycle:

Electrode Size:

Technical DataCooling Method

AC

Minimum Water Flow

Minimum Water Inlet Pressure

Maximum Water Inlet Pressure

Minimum Cooling Requirements

Maximum Water Inlet Temperature

WLD Tig Torch Range

Ratings: 110 Amp to 410 Amp





Model	WP 20	WP 18	WP 18SC
Technical Data			
Cooling Method	Liquid-Cooled	Liquid-Cooled	Liquid-Cooled
Rating: DC	225A	380A	410A
AC	160A	270A	290A
Duty Cycle:	60%	60%	60%
Electrode Size:	1.0-3.2	1.0-4.0	1.0-4.8
Minimum Water Flow	1.0 l/min	1.0 l/min	1.0 l/min
Minimum Water Inlet Pressure	2.0Bar	2.0Bar	2.0Bar
Minimum Cooling Requirements	700W	900W	1000W
Maximum Water Inlet Pressure	5.0Bar	5.0Bar	5.0Bar
Maximum Water Inlet Temperature	50°C	50°C	50°C

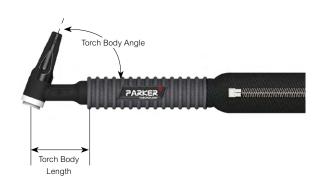


WLD Ribbed Series

Torch Body Options

WLD Tig Torch Heads are 100% Weldcraft $^{\circledR}$ OEM interchangeable.

High temperature resistant silicon rubber provides a lightweight and durable outer cover which combined with all copper components ensures cooler running temperatures and maximum current capacity.



Air-Cooled Series

WP 9 Series Torch Body Options

0.040" - 3/32"/1.0mm-2.4mm electrodes.

Rating: 110A DC, 80A AC, @ 35%



WP 17 Series Torch Body Options

0.040" - 1/8"/1.0mm-3.2mm electrodes.

Rating: 135A DC, 95A AC, @ 35%



Angle=70°

WP 26 Series Torch Body Options

Angle=70

0.040" - 5/32"/1.0mm-4.0mm electrodes.

Rating: 180A DC, 125A AC, @ 35%









WLD Ribbed Series

Torch Body Options

Liquid-Cooled Series

WP 24W Series Torch Body Options 0.020" - 3/32"/0.5mm-2.4mm electrodes.

Rating: 180A DC, 125A AC, @ 60%



WP 20 Series Torch Body Options

0.040" - 1/8"/1.0mm-3.2mm electrodes.

Rating: 225A DC, 160A AC, @ 60%









SMART TORCH SOLUTIONS

WP 18 Series Torch Body Options

0.040" - 5/32"/1.0mm-4.0mm electrodes.

Rating: 380A DC, 270A AC, @ 60%





WP 18SC Series Torch Body Options

0.040" - 3/16"/1.0mm-4.8mm electrodes.

Rating: 410A DC, 290A AC, @ 60%





Air-Cooled Cable Styles

Air-Cooled cable assemblies are made from Rubber and are offered in mono or 2 piece.



Liquid-Cooled Cable Styles

Liquid-Cooled Models WP20, 24W are made from PVC, WP18 models from rubber.



Handles



Ribbed Handle

	Part Number	Description
1	PH100R	Ribbed Handle, Small Push-on
2	PR-100G-KIT	Ribbed Handle Assembly
2-1	I PR-100G	Ribbed Handle, Medium Push-On
2-2	PPHI-100G	Handle Adaptor
3	PH200R	Ribbed Handle, Large Push-on

Zipper Cover

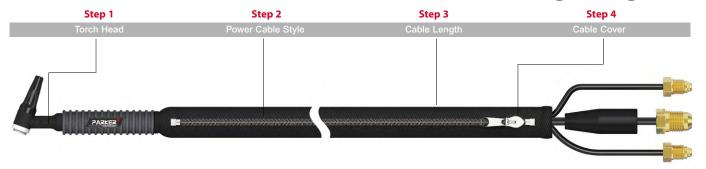
	Part Number	Description
1	PWC-3-10	Zipper Cover - 10ft (3.0m) 25mm Bore
2	PWC-3-12	Zipper Cover - 12ft (3.6m) 25mm Bore
3	PWC-3-22	Zipper Cover - 22ft (6.7m) 25mm Bore
4	PWC-3-25	Zipper Cover - 25ft (7.6m) 25mm Bore
5	PWC-4-12	Zipper Cover - 12ft (3.6m) 30mm Bore
6	PWC-4-25	Zipper Cover - 25ft (7.6m) 30mm Bore

WLD Ribbed Series

North American Terminations



Torch Package Configurator



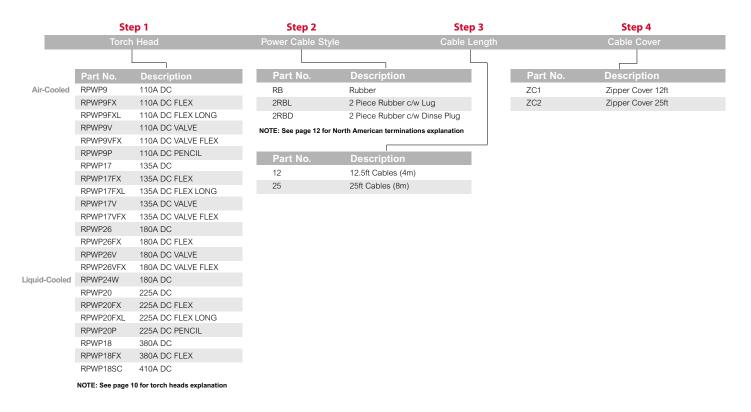
Ordering Information

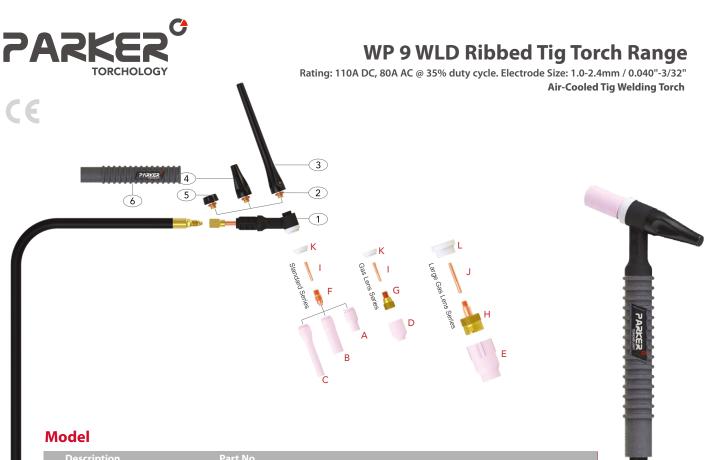
Part numbers are configured using the simple 4 stage system outlined below.

- 1. Select the correct model of torch head
- 2. Select the style of cable assembly required
- 3. Select the length of cable assembly required
- 4. Add a Zipper Cover if required

Example:- RPWP18-RB-12-ZC1

Ribbed WP18 x 12ft c/w Rubber Cables & Zipper Cover.





	Description	Part No.	
	WLD Ribbed Tig Torch Package	12.5ft	25ft
		RPWP9-RB-12-ZC1	RPWP9-RB-25-ZC2

Alternative torch packages can be configured using the configurator on page 13

Spare Parts

•		
	Part No.	Description
1	PWP9	Torch Body Standard
2	P98W77	Back Cap 'O' Ring
3	P41V24	Back Cap Long
4	P41V35	Back Cap Medium
5	P41V33	Back Cap Short
6	PH100R	Ribbed Handle, Small Push-On.
7	P0315071	Insulation Boot
8	P57Y01RB-APC1	Power Cable 12.5ft 3/8" UNF Rubber
	P57Y03RB-APC1	Power Cable 25ft 3/8" UNF Rubber
9	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore

For more information please refer to the following sections:

• Master Wear Parts Table Pages 28-33

• Wear Parts Configuration Table Pages 38-39

• Rear-End / Cable Parts Pages 40-41

WP 9 WLD Ribbed Tig Torch Range



Rating: 110A DC, 80A AC @ 35% duty cycle. Electrode Size: 1.0-2.4mm / 0.040"-3/32" $\bf Air\text{-}Cooled\ Tig\ Welding\ Torch$

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P13N08	Standard Ceramic Cup	4	6	1/4
P13N09	Standard Ceramic Cup	5	8	5/16
P13N10	Standard Ceramic Cup	6	10	3/8
P13N11	Standard Ceramic Cup	7	11	7/16
P13N12	Standard Ceramic Cup	8	12.5	1/2
P13N13	Standard Ceramic Cup	10	16	5/8

B Standard Long Ceramic Cups

Part No.	Description	Size	Во	reA	
			mm	inch	
P796F70	Standard Long Ceramic Cup	3	5	3/16	
P796F71	Standard Long Ceramic Cup	4	6	1/4	
P796F72	Standard Long Ceramic Cup	5	8	5/16	
P796F73	Standard Long Ceramic Cup	6	10	3/8	

C Standard Extra Long Ceramic Cups

Part No.	Description	Size	Воі	·eA	
			mm	inch	
P796F74	Standard Extra Long Ceramic Cup	3	5	3/16	
P796F75	Standard Extra Long Ceramic Cup	4	6	1/4	
P796F76	Standard Extra Long Ceramic Cup	5	8	5/16	
P796F77	Standard Extra Long Ceramic Cup	6	10	3/8	

D Gas Lens Cups

Part No.	Description	Size	Во	reA
			mm	inch
P53N58	Gas Lens Cup	4	6	1/4
P53N59	Gas Lens Cup	5	8	5/16
P53N60	Gas Lens Cup	6	10	3/8
P53N61	Gas Lens Cup	7	11	7/16
P53N61S	Gas Lens Cup	8	12.5	1/2

E Large Diameter Gas Lens Cups

Part No.	Description	Size	Во	reA
			mm	inch
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2
P57N75	Large Diameter Gas Lens Cup	6	10	3/8
P53N87	Large Diameter Gas Lens Cup	12	19	3/4
P53N88	Large Diameter Gas Lens Cup	10	16	5/8

F Standard Collet Bodies

Part No.	Description	Electro	de Size
		mm	inch
P13N26	Standard Collet Body	1.0	0.040
P13N27	Standard Collet Body	1.6	1/16
P13N27M	Standard Collet Body	2.0	5/64
P13N28	Standard Collet Body	2.4	3/32

G Gas Lens Bodies

Part No.	Description	Electro	ode Size
		mm	inch
P45V42	Gas Lens Body	1.0	0.040
P45V43	Gas Lens Body	1.6	1/16
P45V43M	Gas Lens Body	2.0	5/64
P45V44	Gas Lens Body	2.4	3/32

H Large Diameter Gas Lens Bodies

Part No.	Description	Electrode Size	
		mm inch	
P45V0204S	Large Diameter Gas Lens Body	1.0 0.040	
P45V116S	Large Diameter Gas Lens Body	1.6 1/16	
P45V64S	Large Diameter Gas Lens Body	2.4 3/32	

I Standard Collets

Part No.	Description	Electro	de Size
		mm	inch
P13N21	Standard Collet	1.0	0.040
P13N22	Standard Collet	1.6	1/16
P13N22M	Standard Collet	2.0	5/64
P13N23	Standard Collet	2.4	3/32

J Large Diameter Gas Lens Collets

Part No.	Description	Electrode Size
		mm inch
P13N21L	Large Diameter Gas Lens Collet	1.0 0.040
P13N22L	Large Diameter Gas Lens Collet	1.6 1/16
P13N23L	Large Diameter Gas Lens Collet	2.4 3/32

Gas Lens Insulator

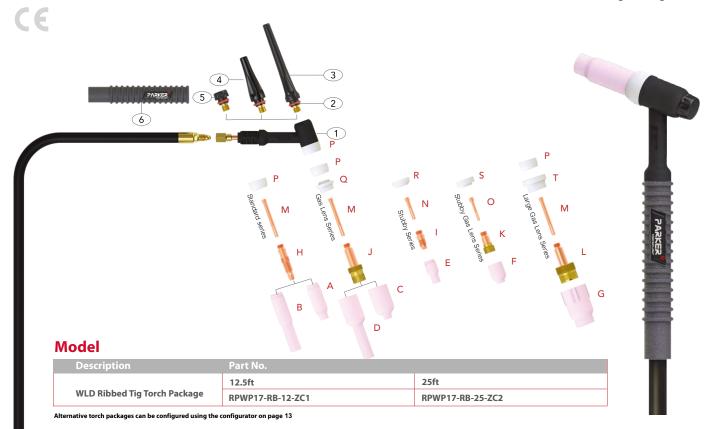
	Part No.	Description
K	P598882	Stubby Gas Lens Cup Insulator
1	P54N63-20	Large Gas Lens Cup Insulator



WP 17 WLD Ribbed Tig Torch Range

Rating: 135A DC, 95A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Spare Parts

	Part No.	Description
1	PWP17	Torch Body Standard
2	P98W18	Back Cap 'O' Ring
3	P57Y02	Back Cap Long
4	P300M	Back Cap Medium
5	P57Y04	Back Cap Short
6	PH100R	Ribbed Handle, Small Push-On.
7	P0315071	Insulation Boot
8	P57Y01RB-APC1	Power Cable 12.5ft 3/8" UNF Rubber
	P57Y03RB-APC1	Power Cable 25ft 3/8" UNF Rubber
9	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore

For more information please refer to the following sections:

*Master Wear Parts Table Pages 28-33

*Wear Parts Configuration Table Pages 38-39

*Rear-End / Cable Parts Pages 40-41

WP 17 WLD Ribbed Tig Torch Range



Rating: 135A DC, 95A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8" $\bf Air\text{-}Cooled\ Tig\ Welding\ Torch$

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	BoreA	
			mm	inch
P10N44	Standard Ceramic Cup	12	19	3/4
P10N45	Standard Ceramic Cup	10	16	5/8
P10N46	Standard Ceramic Cup	8	12.5	1/2
P10N47	Standard Ceramic Cup	7	11	7/16
P10N48	Standard Ceramic Cup	6	10	3/8
P10N49	Standard Ceramic Cup	5	8	5/16
P10N50	Standard Ceramic Cup	4	6	1/4

B Standard Long Ceramic Cups

Part No.	Description	Size	Вог	reA	
			mm	inch	
P10N47L	Standard Long Ceramic Cup	7L	11	7/16	
P10N48L	Standard Long Ceramic Cup	6L	10	3/8	
P10N49L	Standard Long Ceramic Cup	5L	8	5/16	

C Gas Lens Cups

Part No.	Description	Size	BoreA
			mm inch
P54N14	Gas Lens Ceramic Cup	8	12.5 1/2
P54N15	Gas Lens Ceramic Cup	7	11 7/16
P54N16	Gas Lens Ceramic Cup	6	10 3/8
P54N17	Gas Lens Ceramic Cup	5	8 5/16
P54N18	Gas Lens Ceramic Cup	4	6 1/4
P54N19	Gas Lens Ceramic Cup	11	17 11/16

D Long Gas Lens Ceramic Cups

Part No.	Description	Size	Boi	reA	
			mm	inch	
P54N15L	Long Gas Lens Ceramic Cup	7	11	7/16	
P54N16L	Long Gas Lens Ceramic Cup	6	10	3/8	
P54N17L	Long Gas Lens Ceramic Cup	5	8	5/16	

E Standard Ceramic Cups

Part No.	Description	Size	BoreA	
			mm	inch
P13N08	Stubby Ceramic Cup	4	6	1/4
P13N09	Stubby Ceramic Cup	5	8	5/16
P13N10	Stubby Ceramic Cup	6	10	3/8
P13N11	Stubby Ceramic Cup	7	11	7/16
P13N12	Stubby Ceramic Cup	8	12.5	1/2
P13N13	Stubby Ceramic Cup	10	16	5/8

F Stubby Gas Lens Cups

Part No.	Description	Size	Bo	reA	
			mm	inch	
P53N58	Stubby Gas Lens Cup	4	6	1/4	
P53N59	Stubby Gas Lens Cup	5	8	5/16	
P53N60	Stubby Gas Lens Cup	6	10	3/8	
P53N61	Stubby Gas Lens Cup	7	11	7/16	
P53N61S	Stubby Gas Lens Cup	8	12.5	1/2	

G Large Diameter Gas Lens Cups

Part No.	Description	Size	Bor	eA	
			mm	inch	
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2	
P57N75	Large Diameter Gas Lens Cup	6	10	3/8	
P53N87	Large Diameter Gas Lens Cup	12	19	3/4	
P53N88	Large Diameter Gas Lens Cup	10	16	5/8	

H Standard Collet Bodies

Part No.	Description	Electro	de Size
		mm	inch
P10N28	Standard Collet Body	3.2	1/8
P10N30	Standard Collet Body	1.0	0.040
P10N31	Standard Collet Body	1.6	1/16
P10N31M	Standard Collet Body	2.0	5/64
P10N32	Standard Collet Body	2.4	3/32

I Stubby Collet Bodies

Part No.	Description	Bore	
		mm	
P17CB20	Stubby Collet Body	3.5	

J Gas Lens Body

Part No.	Description	Electrode Size
		mm inch
P45V24	Gas Lens Body	1.0 0.040
P45V25	Gas Lens Body	1.6 1/16
P45V25M	Gas Lens Body	2.0 5/64
P45V26	Gas Lens Body	2.4 3/32
P45V27	Gas Lens Body	3.2 1/8

K Stubby Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
PSTB45V42	Stubby Gas Lens Body	1.0 0.040
PSTB45V43	Stubby Gas Lens Body	1.6 1/16
PSTB45V43M	Stubby Gas Lens Body	2.0 5/64
PSTB45V44	Stubby Gas Lens Body	2.4 3/32
PSTB45V45	Stubby Gas Lens Body	3.2 1/8

L Large Diameter Gas Lens Bodies

Part No.	Description	Electro	de Size	
		mm	inch	
P45V0204	Large Diameter Gas Lens Body	1.0	0.040	
P45V116	Large Diameter Gas Lens Body	1.6	1/16	
P45V64	Large Diameter Gas Lens Body	2.4	3/32	
P995795	Large Diameter Gas Lens Body	3.2	1/8	

M Standard Collets

Part No.	Description	Electrode Size		
		mm inch		
P10N22	Standard Collet	1.0 0.040		
P10N23	Standard Collet	1.6 1/16		
P10N23M	Standard Collet	2.0 5/64		
P10N24	Standard Collet	2.4 3/32		
P10N25	Standard Collet	3.2 1/8		

N Stubby Series Collets

Part No.	Description	Electrode Size
		mm inch
P10N22S	Stubby Series Collet	1.0 0.040
P10N23S	Stubby Series Collet	1.6 1/16
P10N24S	Stubby Series Collet	2.4 3/32
P10N25S	Stubby Series Collet	3.2 1/8

O Stubby Series Collets

Part No.	Description	Electrode Size		
		mm	inch	
PSTB13N21	Stubby Gas Lens Collet	1.0	0.040	
PSTB13N22	Stubby Gas Lens Collet	1.6	1/16	
PSTB13N22M	Stubby Gas Lens Collet	2.0	5/64	
PSTB13N23	Stubby Gas Lens Collet	2.4	3/32	
PSTB13N24	Stubby Gas Lens Collet	3.2	1/8	

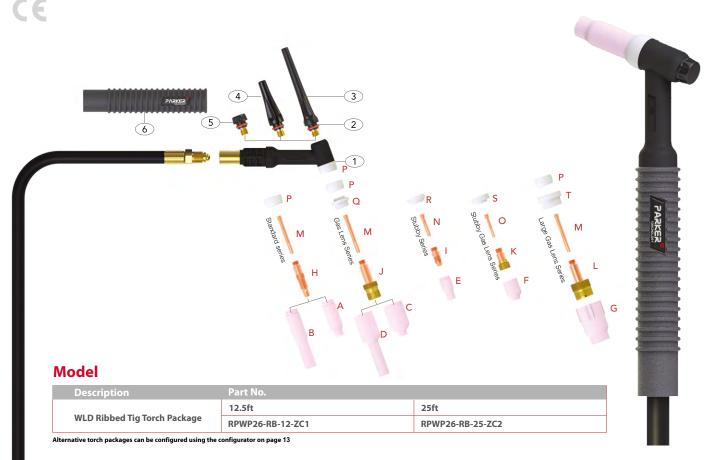
Gas Lens Insulators

	Part No.	Description
Р	P18CG	Standard Cup Insulator
Q	P54N01	Standard Gas Lens Cup Insulator
R	P18CG20	Stubby Cup Insulator
S	PSTB80300236	Stubby Gas Lens Cup Insulator
Т	P54N63	Large Gas Lens Cup Insulator



WP 26 WLD Ribbed Tig Torch Range Rating: 180A DC, 125A AC @ 35% duty cycle. Electrode Size: 1.0-4.0mm / 0.040-5/32"

Air-Cooled Tig Welding Torch



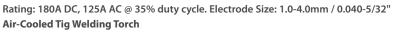
Spare Parts

	Part No.	Description
1	PWP26	Torch Body Standard
2	P98W18	Back Cap 'O' Ring
3	P57Y02	Back Cap Long
4	P300M	Back Cap Medium
5	P57Y04	Back Cap Short
6	PH200R	Ribbed Handle, Large Push-On.
7	P0315071	Insulation Boot
8	P46V28R-APC3	Power Cable X 12.5ft 7/8" UNF Rubber
	P46V30R-APC3	Power Cable X 25ft 7/8" UNF Rubber
9	PWC-4-12	Zipper Cover-12ft (3.6m) 30mm Bore
	PWC-4-25	Zipper Cover-25ft (7.6m) 30mm Bore

For more information please refer to the following sections: •Master Wear Parts Table Pages 28-33 Wear Parts Configuration Table
 Rear-End / Cable Parts Pages 38-39 Pages 40-41 (8)



WP 26 WLD Ribbed Tig Torch Range





Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	BoreA	
			mm	inch
P10N44	Standard Ceramic Cup	12	19	3/4
P10N45	Standard Ceramic Cup	10	16	5/8
P10N46	Standard Ceramic Cup	8	12.5	1/2
P10N47	Standard Ceramic Cup	7	11	7/16
P10N48	Standard Ceramic Cup	6	10	3/8
P10N49	Standard Ceramic Cup	5	8	5/16
P10N50	Standard Ceramic Cup	4	6	1/4

B Standard Long Ceramic Cups

Part No.	Description	Size	RO	reA	
			mm	inch	
P10N47L	Standard Long Ceramic Cup	7L	11	7/16	
P10N48L	Standard Long Ceramic Cup	6L	10	3/8	
P10N49L	Standard Long Ceramic Cup	5L	8	5/16	

C Gas Lens Cups

Part No.	Description	Size	Воі	reA
			mm	inch
P54N14	Gas Lens Ceramic Cup	8	12.5	1/2
P54N15	Gas Lens Ceramic Cup	7	11	7/16
P54N16	Gas Lens Ceramic Cup	6	10	3/8
P54N17	Gas Lens Ceramic Cup	5	8	5/16
P54N18	Gas Lens Ceramic Cup	4	6	1/4

D Long Gas Lens Ceramic Cups

Part No.	Description	Size	Во	reA	
			mm	inch	
P54N15L	Long Gas Lens Ceramic Cup	7	11	7/16	
P54N16L	Long Gas Lens Ceramic Cup	6	10	3/8	
P54N17L	Long Gas Lens Ceramic Cup	5	8	5/16	

E Stubby Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P13N08	Stubby Ceramic Cup	4	6	1/4
P13N09	Stubby Ceramic Cup	5	8	5/16
P13N10	Stubby Ceramic Cup	6	10	3/8
P13N11	Stubby Ceramic Cup	7	11	7/16
P13N12	Stubby Ceramic Cup	8	12.5	1/2
P13N13	Stubby Ceramic Cup	10	16	5/8

F Stubby Gas Lens Cups

Part No.	Description	Size	Во	reA
			mm	inch
P53N58	Stubby Gas Lens Cup	4	6	1/4
P53N59	Stubby Gas Lens Cup	5	8	5/16
P53N60	Stubby Gas Lens Cup	6	10	3/8
P53N61	Stubby Gas Lens Cup	7	11	7/16
P53N61S	Stubby Gas Lens Cup	8	12.5	1/2

G Large Diameter Gas Lens Cups

Part No.	Description	Size	Bor	eA	
			mm	inch	
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2	
P57N75	Large Diameter Gas Lens Cup	6	10	3/8	
P53N87	Large Diameter Gas Lens Cup	12	19	3/4	
P53N88	Large Diameter Gas Lens Cup	10	16	5/8	

H Standard Collet Bodies

Part No.	Description	Electro	de Size	
		mm	inch	
P10N28	Standard Collet Body	3.2	1/8	
P10N30	Standard Collet Body	1.0	0.040	
P10N31	Standard Collet Body	1.6	1/16	
P10N31M	Standard Collet Body	2.0	5/64	
P10N32	Standard Collet Body	2.4	3/32	
406488	Standard Collet Body	4.0	5/32"	

I Stubby Collet Bodies

Part No.	Description	Bore	
		mm	
P17CB20	Stubby Collet Body	3.5	

J Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
P45V24	Gas Lens Body	1.0 0.040
P45V25	Gas Lens Body	1.6 1/16
P45V25M	Gas Lens Body	2.0 5/64
P45V26	Gas Lens Body	2.4 3/32
P45V27	Gas Lens Body	3.2 1/8
P45V28	Gas Lens Body	4.0 5/32

K Stubby Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
PSTB45V42	Stubby Gas Lens Body	1.0 0.040
PSTB45V43	Stubby Gas Lens Body	1.6 1/16
PSTB45V43M	Stubby Gas Lens Body	2.0 5/64
PSTB45V44	Stubby Gas Lens Body	2.4 3/32
PSTB45V45	Stubby Gas Lens Body	3.2 1/8

L Large Diameter Gas Lens Bodies

Part No.	Description	Electro	de Size	
		mm	inch	
P45V0204	Large Diameter Gas Lens Body	1.0	0.040	
P45V116	Large Diameter Gas Lens Body	1.6	1/16	
P45V64	Large Diameter Gas Lens Body	2.4	3/32	
P995795	Large Diameter Gas Lens Body	3.2	1/8	
P45V63	Large Diameter Gas Lens Body	4.0	5/32	

M Standard Collets

Part No.	Description	Electrode Size
		mm inch
P10N22	Standard Collet	1.0 0.040
P10N23	Standard Collet	1.6 1/16
P10N23M	Standard Collet	2.0 5/64
P10N24	Standard Collet	2.4 3/32
P10N25	Standard Collet	3.2 1/8
P54N20	Standard Collet	4.0 5/32

N Stubby Series Collets

Part No.	Description	Electrode Size
		mm inch
P10N22S	Stubby Series Collet	1.0 0.040
P10N23S	Stubby Series Collet	1.6 1/16
P10N24S	Stubby Series Collet	2.4 3/32
P10N25S	Stubby Series Collet	3.2 1/8

O Stubby Series Collets

Part No.	Description	Electrode Size
		mm inch
PSTB13N21	Stubby Gas Lens Collet	1.0 0.040
PSTB13N22	Stubby Gas Lens Collet	1.6 1/16
PSTB13N22M	Stubby Gas Lens Collet	2.0 5/64
PSTB13N23	Stubby Gas Lens Collet	2.4 3/32
PSTB13N24	Stubby Gas Lens Collet	3.2 1/8

Gas Lens Insulator

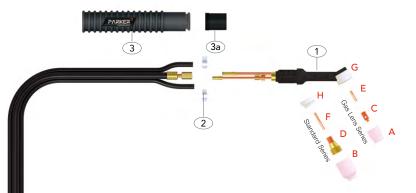
		das Leiis ilisulatoi	
		Part No.	Description
1	P	P18CG	Standard Cup Insulator
-	Q	P54N01	Standard Gas Lens Cup Insulator
	R	P18CG20	Stubby Cup Insulator
	S	PSTB80300236	Stubby Gas Lens Cup Insulator
1	Т	P54N63	Large Gas Lens Cup Insulator



WP 24W WLD Ribbed Tig Torch Range Rating: 180A DC, 125A AC @ 60% duty cycle. Electrode Size: 0.5-2.4mm / 0.020-3/32"

Liquid-Cooled Tig Welding Torch







Description	Part No.	
	12.5ft	25ft
WLD Ribbed Tig Torch Package	RPWP24W-RB-12-ZC1	RPWP24W-RB-25-ZC2

Alternative torch packages can be configured using the configurator on page 13

Spare Parts

	Part No.	Description
1	PWP24W	Torch Body Standard
2	PB5025S	Water Hose Clamp 8.0mm
3	PR-100G	Ribbed Handle, Medium Push-On.
За	PPHI-100G	Handle Adaptor
4	P0315071	Insulation Boot
5	P45V03OB-APC4	Power Cable x12.5ft 7/8" UNF LH Male O/B
	P45V04OB-APC4	Power Cable x25ft 7/8" UNF LH Male O/B
6	P45V07-WF2	Water Hose x12.5ft 5/8" UNF LH Male PVC
	P45V08-WF2	Water Hose x25ft 5/8" UNF LH Male PVC
7	P45V09-GS7	Gas Hose x12.5ft 5/8" UNF Male PVC
	P45V10-GS7	Gas Hose x25ft 5/8" UNF Male PVC
8	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore

For more information please refer to the following sections: Master Wear Parts Table
 Wear Parts Configuration Table
 Rear-End / Cable Parts Pages 28-33 Pages 38-39 Pages 40-41 4 (5) (6) (7)



24W WLD Ribbed Tig Torch Range



Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P53N24	Standard Ceramic Cup	4	6	1/4
P53N25	Standard Ceramic Cup	5	8	5/16
P53N27	Standard Ceramic Cup	6	10	3/8

B Gas Lens Cups

Part No.	Description	Size	Во	reA
			mm	inch
P53N58	Gas Lens Cup	4	6	1/4
P53N59	Gas Lens Cup	5	8	5/16
P53N60	Gas Lens Cup	6	10	3/8
P53N61	Gas Lens Cup	7	11	7/16
P53N61S	Gas Lens Cup	8	12.5	1/2

C Standard Collet Bodies

Part No.	Description	Electrode Size
		mm inch
P53N18	Standard Collet Body	1.0 0.040
P53N19	Standard Collet Body	1.6 1/16
P24CB332	Standard Collet Body	2.4 3/32

D Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
P45V42	Gas Lens Body	1.0 0.040
P45V43	Gas Lens Body	1.6 1/16
P45V43M	Gas Lens Body	2.0 5/64
P45V44	Gas Lens Body	2.4 3/32

E Standard Collets

Part No.	Description	Electrode Size
		mm inch
P53N16	Standard Collet	1.0 0.040
P53N14	Standard Collet	1.6 1/16
P24C332	Standard Collet	2.4 3/32

F Gas Lens Collets

Part No.	Description	Electro	Electrode Size	
		mm	inch	
P53N64	Gas Lens Collet	1.6	1/16	
P24GLC332	Gas Lens Collet	2.4	3/32	

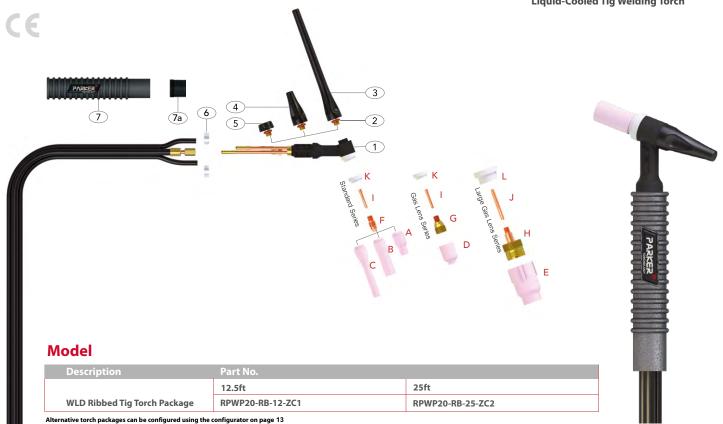
Gas Lens Insulator

	Part No.	Description
G	P53N22	Standard Cup Insulator
н	P53N66	Standard Gas Lens Cup Insulator



WP 20 WLD Ribbed Tig Torch Range

Rating: 225A DC, 160A AC @ 60% duty cycle. Electrode Size: 1.0-4.0mm / 0.040-5/32" Liquid-Cooled Tig Welding Torch



Spare Parts

	Part No.	Description
1	PWP20	Torch Body Standard
2	P98W77	Back Cap 'O' Ring
3	P41V24	Back Cap Long
4	P41V35	Back Cap Medium
5	P41V33	Back Cap Short
6	PB5025S	Water Hose Clam 8.0mm
7	PR-100G	Ribbed Handle, Medium Push-On.
7a	PPHI-100G	Handle Adaptor
8	P0315071	Insulation Boot
9	P45V03OB-APC4	Power Cable x12.5ft 7/8" UNF LH Male OB
	P45V04OB-APC4	Power Cable x25ft 7/8" UNF LH Male OB

	Part No.	Description
10	P45V07-WF2	Water Hose x12.5ft 5/8" UNF LH Male PVC
	P45V08-WF2	Water Hose x25ft 5/8" UNF LH Male PVC
11	P45V09-GS7	Gas Hose x12.5ft 5/8" UNF Male PVC
	P45V10-GS7	Gas Hose x25ft 5/8" UNF Male PVC
12	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore



WP 20 WLD Ribbed Tig Torch Range



Rating: 225A DC, 160A AC @ 60% duty cycle. Electrode Size: 1.0-4.0mm / 0.040-5/32" Liquid-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P13N08	Standard Ceramic Cup	4	6	1/4
P13N09	Standard Ceramic Cup	5	8	5/16
P13N10	Standard Ceramic Cup	6	10	3/8
P13N11	Standard Ceramic Cup	7	11	7/16
P13N12	Standard Ceramic Cup	8	12.5	1/2
P13N13	Standard Ceramic Cup	10	16	5/8

B Standard Long Ceramic Cups

Part No.	Description	Size	Во	reA	
			mm	inch	
P796F70	Standard Long Ceramic Cup	3	5	3/16	
P796F71	Standard Long Ceramic Cup	4	6	1/4	
P796F72	Standard Long Ceramic Cup	5	8	5/16	
P796F73	Standard Long Ceramic Cup	6	10	3/8	

C Standard Extra Long Ceramic Cups

Part No.	Description	Size	Boı	'eA	
			mm	inch	
P796F74	Standard Extra Long Ceramic Cup	3	5	3/16	
P796F75	Standard Extra Long Ceramic Cup	4	6	1/4	
P796F76	Standard Extra Long Ceramic Cup	5	8	5/16	
P796F77	Standard Extra Long Ceramic Cup	6	10	3/8	

D Gas Lens Cups

Part No.	Description	Size	Во	reA
			mm	inch
P53N58	Gas Lens Cup	4	6	1/4
P53N59	Gas Lens Cup	5	8	5/16
P53N60	Gas Lens Cup	6	10	3/8
P53N61	Gas Lens Cup	7	11	7/16
P53N61S	Gas Lens Cup	8	12.5	1/2

E Large Diameter Gas Lens Cups

Part No.	Description	Size	Воі	reA
			mm	inch
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2
P57N75	Large Diameter Gas Lens Cup	6	10	3/8
P53N87	Large Diameter Gas Lens Cup	12	19	3/4
P53N88	Large Diameter Gas Lens Cup	10	16	5/8

F Standard Collet Bodies

Part No.	Description	Electrode Size
		mm inch
P13N26	Standard Collet Body	1.0 0.040
P13N27	Standard Collet Body	1.6 1/16
P13N27M	Standard Collet Body	2.0 5/64
P13N28	Standard Collet Body	2.4 3/32
P13N29	Standard Collet Body	3.2 1/8

G Gas Lens Bodies

Part No.	Description	Electro	ode Size
		mm	inch
P45V42	Gas Lens Body	1.0	0.040
P45V43	Gas Lens Body	1.6	1/16
P45V43M	Gas Lens Body	2.0	5/64
P45V44	Gas Lens Body	2.4	3/32
P45V45	Gas Lens Body	3.2	1/8"

H Large Diameter Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
P45V0204S	Large Diameter Gas Lens Body	1.0 0.040
P45V116S	Large Diameter Gas Lens Body	1.6 1/16
P45V64S	Large Diameter Gas Lens Body	2.4 3/32
P995795S	Large Diameter Gas Lens Body	3.2 1/8

I Standard Collets

Part No.	Description	Electro	de Size
		mm	inch
P13N21	Standard Collet	1.0	0.040
P13N22	Standard Collet	1.6	1/16
P13N22M	Standard Collet	2.0	5/64
P13N23	Standard Collet	2.4	3/32
P13N24	Standard Collet	3.2	1/8

J Large Diameter Gas Lens Collets

_		
Part No.	Description	Electrode Size
		mm inch
P13N21L	Large Diameter Gas Lens Collet	1.0 0.040
P13N22L	Large Diameter Gas Lens Collet	1.6 1/16
P13N23L	Large Diameter Gas Lens Collet	2.4 3/32
P13N24L	Large Diameter Gas Lens Collet	3.2 1/8

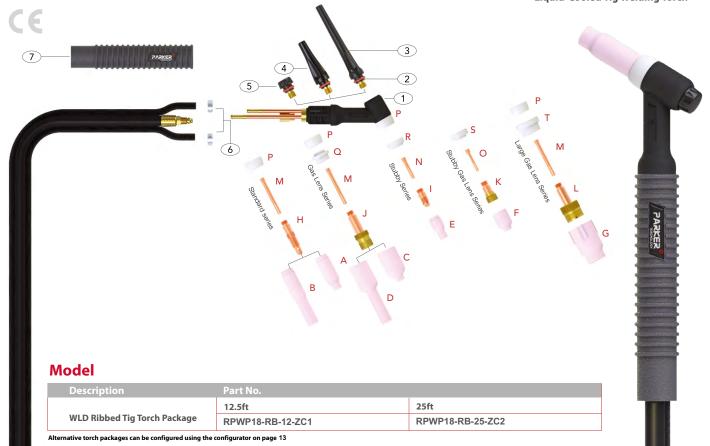
Gas Lens Insulator

	Part No.	Description
K	P598882	Stubby Gas Lens Cup Insulator
10	P54N63-20	Large Gas Lens Cup Insulator



WP 18 WLD Ribbed Tig Torch Range

Rating: 380A DC, 270A AC @ 60% duty cycle. Electrode Size: 1.0-4.0mm / 0.040-5/32" Liquid-Cooled Tig Welding Torch



Spare Parts

		Part No.	Description
	1	PWP18	Torch Body Standard
	2	P98W18	Back Cap 'O' Ring
	3	P57Y02	Back Cap Long
	4	P300M	Back Cap Medium
	5	P57Y04	Back Cap Short
	6	PB5041	Water Hose Clamp 8.7mm
	7	PH200R	Ribbed Handle, Large Push-On.
	8	P0315071	Insulation Boot
	9	P40V64RB-APC4	Power Cable 12.5ft 7/8" UNF LH Male Rubber
		P41V29RB-APC4	Power Cable 25ft 7/8" UNF LH Male Rubber
	10	P45V07OB-WF2	Water Hose x12.5ft 5/8" UNF LH Male O/B
		P45V08OB-WF2	Water Hose x25ft 5/8" UNF LH Male O/B

	Part No.	Description
11	P45V09OB-GS7	Gas Hose x12.5ft 5/8" UNF Male O/B
	P45V10OB-GS7	Gas Hose x25ft 5/8" UNF Male O/B
12	PWC-4-12	Zipper Cover-12ft (3.6m) 30mm Bore
	PWC-4-25	Zipper Cover-25ft (7.6m) 30mm Bore



WP 18 WLD Ribbed Tig Torch Range



Wear Parts

Α :	Stand	lard C	erami	ic C	ups
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Part No.	Description	Size	Во	reA
			mm	inch
P10N44	Standard Ceramic Cup	12	19	3/4
P10N45	Standard Ceramic Cup	10	16	5/8
P10N46	Standard Ceramic Cup	8	12.5	1/2
P10N47	Standard Ceramic Cup	7	11	7/16
P10N48	Standard Ceramic Cup	6	10	3/8
P10N49	Standard Ceramic Cup	5	8	5/16
P10N50	Standard Ceramic Cup	4	6	1/4

B Standard Long Ceramic Cups

Part No.	Description	Size	Во	reA	
			mm	inch	
P10N47L	Standard Long Ceramic Cup	7L	11	7/16	
P10N48L	Standard Long Ceramic Cup	6L	10	3/8	
P10N49L	Standard Long Ceramic Cup	5L	8	5/16	

C Gas Lens Cups

Pa	rt No.	Description	Size	Во	reA	
				mm	inch	
P5	4N14	Gas Lens Ceramic Cup	8	12.5	1/2	
P5	4N15	Gas Lens Ceramic Cup	7	11	7/16	
P5	4N16	Gas Lens Ceramic Cup	6	10	3/8	
P5	4N17	Gas Lens Ceramic Cup	5	8	5/16	
P5	4N18	Gas Lens Ceramic Cup	4	6	1/4	
P5	4N19	Gas Lens Ceramic Cup	11	17	11/16	

D Long Gas Lens Ceramic Cups

Part No.	Description	Size	Boi	reA	
			mm	inch	
P54N15L	Long Gas Lens Ceramic Cup	7	11	7/16	
P54N16L	Long Gas Lens Ceramic Cup	6	10	3/8	
P54N17L	Long Gas Lens Ceramic Cup	5	8	5/16	

E Stubby Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P13N08	Stubby Ceramic Cup	4	6	1/4
P13N09	Stubby Ceramic Cup	5	8	5/16
P13N10	Stubby Ceramic Cup	6	10	3/8
P13N11	Stubby Ceramic Cup	7	11	7/16
P13N12	Stubby Ceramic Cup	8	12.5	1/2
P13N13	Stubby Ceramic Cup	10	16	5/8

F Stubby Gas Lens Cups

Part No.	Description	Size	Во	reA	
			mm	inch	
P53N58	Stubby Gas Lens Cup	4	6	1/4	
P53N59	Stubby Gas Lens Cup	5	8	5/16	
P53N60	Stubby Gas Lens Cup	6	10	3/8	
P53N61	Stubby Gas Lens Cup	7	11	7/16	
P53N61S	Stubby Gas Lens Cup	8	12.5	1/2	

G Large Diameter Gas Lens Cups

Part No.	Description	Size	Bor	еA	
			mm	inch	
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2	
P57N75	Large Diameter Gas Lens Cup	6	10	3/8	
P53N87	Large Diameter Gas Lens Cup	12	19	3/4	
P53N88	Large Diameter Gas Lens Cup	10	16	5/8	

H Standard Collet Bodies

Part	No. Descript	ion	Electro	ode Size
			mm	inch
P10N:	28 Standard	Collet Body	3.2	1/8
P10N	30 Standard	Collet Body	1.0	0.040
P10N:	31 Standard	Collet Body	1.6	1/16
P10N	31M Standard	Collet Body	2.0	5/64
P10N	32 Standard	Collet Body	2.4	3/32
P4064	188 Standard	Collet Body	4.0	5/32

I Stubby Collet Bodies

Part No.	Description	Bore	
		mm	
P17CB20	Stubby Collet Body	3.5	

J Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
P45V24	Gas Lens Body	1.0 0.040
P45V25	Gas Lens Body	1.6 1/16
P45V25M	Gas Lens Body	2.0 5/64
P45V26	Gas Lens Body	2.4 3/32
P45V27	Gas Lens Body	3.2 1/8
P45V28	Gas Lens Body	4.0 5/32

K Stubby Gas Lens Bodies

Part No.	Description	Electrode Size
		mm inch
PSTB45V42	Stubby Gas Lens Body	1.0 0.040
PSTB45V43	Stubby Gas Lens Body	1.6 1/16
PSTB45V43M	Stubby Gas Lens Body	2.0 5/64
PSTB45V44	Stubby Gas Lens Body	2.4 3/32
PSTB45V45	Stubby Gas Lens Body	3.2 1/8

L Large Diameter Gas Lens Bodies

Part No.	Description	Electro	de Size	
		mm	inch	
P45V0204	Large Diameter Gas Lens Body	1.0	0.040	
P45V116	Large Diameter Gas Lens Body	1.6	1/16	
P45V64	Large Diameter Gas Lens Body	2.4	3/32	
P45V63	Large Diameter Gas Lens Body	4.0	5/32	
P995795	Large Diameter Gas Lens Body	3.2	1/8	

M Standard Collets

Part No.	Description	Electro	de Size	
		mm	inch	
P10N22	Standard Collet	1.0	0.040	
P10N23	Standard Collet	1.6	1/16	
P10N23M	Standard Collet	2.0	5/64	
P10N24	Standard Collet	2.4	3/32	
P10N25	Standard Collet	3.2	1/8	
P54N20	Standard Collet	4.0	5/32	

N Stubby Series Collets

Part No.	Description	Electro	de Size	
		mm	inch	
P10N22S	Stubby Series Collet	1.0	0.040	
P10N23S	Stubby Series Collet	1.6	1/16	
P10N24S	Stubby Series Collet	2.4	3/32	
P10N25S	Stubby Series Collet	3.2	1/8	

O Stubby Series Collets

Part No.	Description	Electrode Size	
		mm	inch
PSTB13N21	Stubby Gas Lens Collet	1.0	0.040
PSTB13N22	Stubby Gas Lens Collet	1.6	1/16
PSTB13N22M	Stubby Gas Lens Collet	2.0	5/64
PSTB13N23	Stubby Gas Lens Collet	2.4	3/32
PSTB13N24	Stubby Gas Lens Collet	3.2	1/8

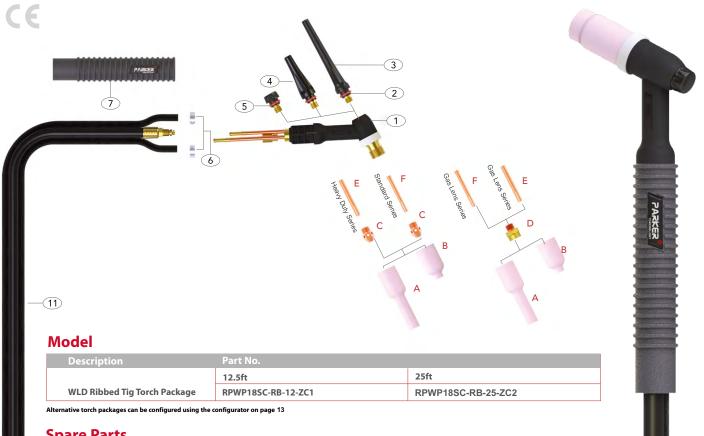
Gas Lens Insulator

	Part No.	Description
P	P18CG	Standard Cup Insulator
Q	P54N01	Standard Gas Lens Cup Insulator
R	P18CG20	Stubby Cup Insulator
S	PSTB80300236	Stubby Gas Lens Cup Insulator
Т	P54N63	Large Gas Lens Cup Insulator



WP 18SC WLD Ribbed Tig Torch Range

Rating: 410A DC, 290A AC @ 60% duty cycle. Electrode Size: 1.0-4.8mm / 0.040-3/16" **Liquid-Cooled Tig Welding Torch**

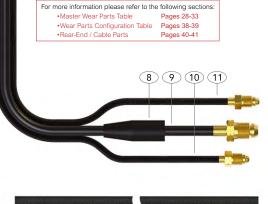


Spare Parts

	Part No.	Description
1	PWP18SC	Torch Body
2	P98W18	Back Cap 'O' Ring
3	P57Y02	Back Cap Long
4	P300M	Back Cap Medium
5	P57Y04	Back Cap Short
6	PB5041	Water Hose Clamp 8.7mm
7	PH200R	Ribbed Handle, Large Push-On.
8	P0315071	Insulation Boot
9	P40V64RB-APC4	Power Cable 12.5ft 7/8" UNF LH Male Rubber
	P/11//20RR-ΔPC//	Power Cable 25ft 7/8" LINE LH Male Rubber

FU3 1307 1	I I Sulation Dool
P40V64RB-APC4	Power Cable 12.5ft 7/8" UNF LH Male Rubber
P41V29RB-APC4	Power Cable 25ft 7/8" UNF LH Male Rubber

	Part No.	Description
10	P45V07OB-WF2	Water Hose x12.5ft 5/8" UNF LH Male O/B
	P45V08OB-WF2	Water Hose x25ft 5/8" UNF LH Male O/B
11	P45V09OB-GS7	Gas hose x12.5ft 5/8" UNF Male O/B
	P45V10OB-GS7	Gas hose x25ft 5/8" UNF Male O/B
12	PWC-4-12	Zipper Cover-12ft (3.6m) 30mm Bore
	PWC-4-25	Zipper Cover-25ft (7.6m) 30mm Bore



WP 18SC WLD Ribbed Tig Torch Range



Rating: 410A DC, 290A AC @ 60% duty cycle. Electrode Size: 1.0-4.8mm / 0.040-3/16" Liquid-Cooled Tig Welding Torch

Wear Parts

A Long Gas Lens Ceramic Cups

Part No.	Description	Size	Во	reA
			mm	inch
P54N15L	Long Gas Lens Ceramic Cup	7	11	7/16
P54N16L	Long Gas Lens Ceramic Cup	6	10	3/8
P54N17L	Long Gas Lens Ceramic Cup	5	8	5/16

B Gas Lens Ceramic Cups

Part No.	Description	Size	BoreA	
			mm inch	
P54N14	Gas Lens Ceramic Cup	8	12.5 11/2	
P54N15	Gas Lens Ceramic Cup	7	11 7/16	
P54N16	Gas Lens Ceramic Cup	6	10 3/8	
P54N17	Gas Lens Ceramic Cup	5	8 5/16	
P54N18	Gas Lens Ceramic Cup	4	6 1/4	
P54N19	Gas Lens Ceramic Cup	11	17 11/16	

C Collet Bodies

Part No.	Description	BoreA
		mm
PNCB-53	Standard Nose Collet Body	3.4
PNCB-36	H.D. Nose Collet Body Nose	5.0

D Gas Lens Bodies

Part No.	Description	Electro	ode Size
		mm	inch
P18GL16	Gas Lens Body	1.6	1/16
P18GL32	Gas Lens Body	2.4	3/32
P18GL18	Gas Lens Body	3.2	1/8
P18GL53	Gas Lens Body	4.0	5/32
P18GL36	Gas Lens Body	4.8	3/16

E Heavy Duty Collets

Part No.	Description	Electro	de Size
		mm	inch
P10N25HD	Heavy Duty Collet	3.2	1/8
P54N20HD	Heavy Duty Collet	4.0	5/32
P18C36	Heavy Duty Collet	4.8	3/16

F Standard Collets

Part No.	Description	Electi	rode Size
		mm	inch
P10N22	Standard Collet	1.0	0.040
P10N23	Standard Collet	1.6	1/16
P10N23M	Standard Collet	2.0	5/64
P10N24	Standard Collet	2.4	3/32
P10N25	Standard Collet	3.2	1/8
P54N20	Standard Collet	4.0	5/32



Standard Collets

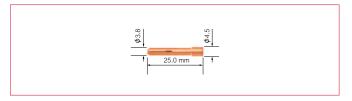
WLD 17/18/18SC/26

Part No.	Description	Electrode Size
		mm inch
P10N21	Standard Collet	0.5 0.020
P10N22	Standard Collet	1.0 0.040
P10N23	Standard Collet	1.6 1/16
P10N23M	Standard Collet	2.0 5/64
P10N24	Standard Collet	2.4 3/32
P10N25	Standard Collet	3.2 1/8



WLD 9/20

Part No.	Description	Electrode Size
		mm inch
P13N20	Standard Collet	0.5 0.020
P13N21	Standard Collet	1.0 0.040
P13N22	Standard Collet	1.6 1/16
P13N22M	Standard Collet	2.0 5/64
P13N23	Standard Collet	2.4 3/32



WLD 18/18SC

Part No.	Description	Election	ue size
		mm	inch
P54N20	Standard Collet	4.0	5/32
			-, - <u>-</u>
	φ5.25	4.0	
	⊕	φ.	

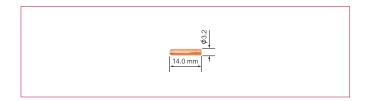


WLD 20

Part No.	Description	Electro	de Size
		mm	inch
P13N24	Standard Collet	3.2	1/8
	25.0 mm		

WLD 24W

Part No.	Description	Electrode Size
		mm inch
P53N14	Standard Collet	1.6 1/16
P53N16	Standard Collet	1.0 0.040
P24C332	Standard Collet	2.4 3/32



Heavy Duty Collets

WLD 18SC

Part No.	Description	Electrode Size
		mm inch
P10N25HD	Heavy Duty Collet	3.2 1/8
P54N20HD	Heavy Duty Collet	4.0 5/32
P18C36	Heavy Duty Collet	4.8 3/16
		61
		4/1/
		φ6.38(1/4 ¹)
		<u> </u>
	49.0 mm	

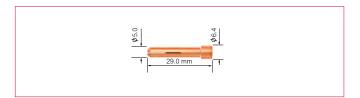
Wear Parts



Stubby Series Collets

WLD 17/18/26

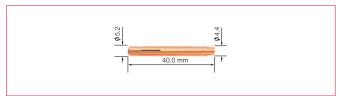
Part No.	Description	Electrode Size
		mm inch
P10N21S	Stubby Series Collet	0.5 0.020
P10N22S	Stubby Series Collet	1.0 0.040
P10N23S	Stubby Series Collet	1.6 1/16
P10N24S	Stubby Series Collet	2.4 3/32
P10N25S	Stubby Series Collet	3.2 1/8



Large Diameter Gas Lens Collets

WLD 9/20/20S

Part No.	Description	Electrode Size
		mm inch
P13N20L	Large Diameter Gas Lens Collet	0.5 0.020
P13N21L	Large Diameter Gas Lens Collet	1.0 0.040
P13N22L	Large Diameter Gas Lens Collet	1.6 1/16
P13N23L	Large Diameter Gas Lens Collet	2.4 3/32
P13N24L	Large Diameter Gas Lens Collet	3.2 1/8



Stubby Series Collets

WLD 17/18/26

Part No.	Description	Electro	de Size
		mm	inch
PSTB13N20	Stubby Series Collet	0.5	0.020
PSTB13N21	Stubby Series Collet	1.0	0.040
PSTB13N22	Stubby Series Collet	1.6	1/16
PSTB13N22M	Stubby Series Collet	2.0	5/64
PSTB13N23	Stubby Series Collet	2.4	3/32
PSTB13N24	Stubby Series Collet	3.2	1/8



Standard Collet Bodies

WLD 17/18/26

Part No.	Description	Electrode Size
		mm inch
P10N28	Standard Collet Body	3.2 1/8
P10N29	Standard Collet Body	0.5 0.020
P10N30	Standard Collet Body	1.0 0.040
P10N31	Standard Collet Body	1.6 1/16
P10N31M	Standard Collet Body	2.0 5/64
P10N32	Standard Collet Body	2.4 3/32



Gas Lens Collets

WLD 24W

Part No.	Description	Electrode Size
P53N64 P24GLC332	Gas Lens Collet Gas Lens Collet	1.6 1/16 2.4 3/32
	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	23.2 mm	

WLD 18

Part No.	Description	Electro	de Size
		mm	inch
P406488	Standard Collet Body	4.0	5/32
	91-28/81 47.0 mm	3/8-32 UNEF	



WLD 9/20

Part No.	Description	Electrode Size
		mm inch
P13N25	Standard Collet Body	0.5 0.020
P13N26	Standard Collet Body	1.0 0.040
P13N27	Standard Collet Body	1.6 1/16
P13N27M	Standard Collet Body	2.0 5/64
P13N28	Standard Collet Body	2.4 3/32
P13N29	Standard Collet Body	3.2 1/8



Stubby Collet Bodies

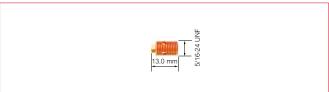
WLD 17/18/26

Part No.	Description	Bore
		mm
P17CB20	Stubby Collet Body	3.5
	38-24 UNF	

Standard Collet Bodies

WLD 24W

Part No.	Description	Electrode Size
		mm inch
P53N18	Standard Collet Body	1.0 0.040
P53N19	Standard Collet Body	1.6 1/16
P24CB332	Standard Collet Body	2.4 3/32



Gas Lens Bodies

WLD 17/18/26

Part No.	Description	Electrode Size
		mm
P45V24	Gas Lens Body	1.0 0.040
P45V25	Gas Lens Body	1.6 1/16
P45V25M	Gas Lens Body	2.0 5/64
P45V26	Gas Lens Body	2.4 3/32
P45V27	Gas Lens Body	3.2 1/8
P45V28	Gas Lens Body	4.0 5/32
P45V29	Gas Lens Body	0.5 0.020



Heavy Duty Collet Bodies

WLD 18SC

Part No.	Description	Bore
PNCB-53	Standard Nose Collet Body	^{mm} 5.0
PNCB-36	Heavy Duty Nose Collet Body	3.4
	7/16-20 UNF	
	19.6 mm	

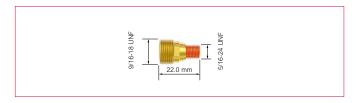
Wear Parts



Gas Lens Bodies

WLD 9/20/24W

Part No.	Description	Electrode Size
		mm inch
P45V41	Gas Lens Body	0.5 0.020
P45V42	Gas Lens Body	1.0 0.040
P45V43	Gas Lens Body	1.6 1/16
P45V43M	Gas Lens Body	2.0 5/64
P45V44	Gas Lens Body	2.4 3/32



Stubby Gas Lens Bodies

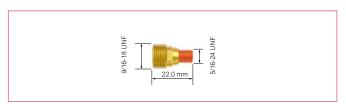
WLD 17/18/26

Part No.	Description	Electrode Size
		mm inch
PSTB45V41	Stubby Gas Lens Body	0.5 0.020
PSTB45V42	Stubby Gas Lens Body	1.0 0.040
PSTB45V43	Stubby Gas Lens Body	1.6 1/16
PSTB45V43M	Stubby Gas Lens Body	2.0 5/64
PSTB45V44	Stubby Gas Lens Body	2.4 3/32
PSTB45V45	Stubby Gas Lens Body	3.2 1/8



WLD 9/20

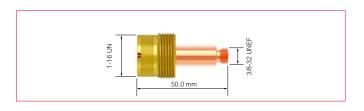
Part No.	Description	Electrode :	Size
		mm	inch
P45V45	Gas Lens Body	3.2	1/8



Large Diameter Gas Lens Bodies

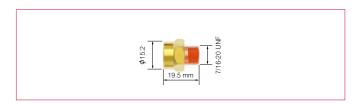
WLD 17/18/26

Part No.	Description	Electrode Size
		mm inch
P45V0204	Large Diameter Gas Lens Body	1.0 0.040
P45V116	Large Diameter Gas Lens Body	1.6 1/16
P45V64	Large Diameter Gas Lens Body	2.4 3/32
P45V63	Large Diameter Gas Lens Body	4.0 5/32
P995795	Large Diameter Gas Lens Body	3.2 1/8



WLD 18SC

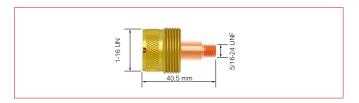
Part No.	Description	Electrode Size
		mm inch
P18GL16	Gas Lens Body	1.6 1/16
P18GL32	Gas Lens Body	2.4 3/32
P18GL18	Gas Lens Body	3.2 1/8
P18GL53	Gas Lens Body	4.0 5/32
P18GL36	Gas Lens Body	4.8 3/16



Large Diameter Gas Lens Bodies

WLD 9/20

Part No.	Description	Electrode Size		
		mm inch		
P45V0204S	Large Diameter Gas Lens Body	1.0 0.040		
P45V116S	Large Diameter Gas Lens Body	1.6 1/16		
P45V64S	Large Diameter Gas Lens Body	2.4 3/32		
P45V63S	Large Diameter Gas Lens Body	4.0 5/32		





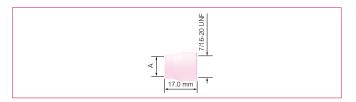
Standard Ceramic

WLD 20

Part No.	Description	Electrode S	
P995795S	Large Diameter Gas Lens Body	3.2	inch 1/8
	40.5 mm 40.5 mm		

WLD 24W

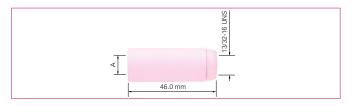
Part No.	Description	Size	BoreA		
			mm	inch	
P53N24	Standard Ceramic Cup	4	6	1/4	
P53N25	Standard Ceramic Cup	5	8	5/16	
P53N27	Standard Ceramic Cup	6	10	3/8	



Standard Ceramic Cups

WLD 17/18/26

Part No.	Description	Size	Во	reA	
			mm	inch	
P10N44	Standard Ceramic Cup	12	19	3/4	
P10N45	Standard Ceramic Cup	10	16	5/8	
P10N46	Standard Ceramic Cup	8	12.5	1/2	
P10N47	Standard Ceramic Cup	7	11	7/16	
P10N48	Standard Ceramic Cup	6	10	3/8	
P10N49	Standard Ceramic Cup	5	8	5/16	
P10N50	Standard Ceramic Cup	4	6	1/4	



Standard Long Ceramic Cups

WLD 17/18/26

Part No.	Description	Size	BoreA		
			mm	inch	
P10N47L	Standard Long Ceramic Cup	7L	11	7/16	
P10N48L	Standard Long Ceramic Cup	6L	10	3/8	
P10N49L	Standard Long Ceramic Cup	5L	8	5/16	



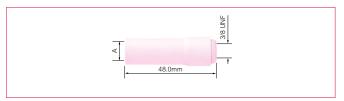
WLD 9/17/18/20/26

Part No.	Description	Size	Во	reA	
			mm	inch	
P13N08	Standard Ceramic Cup	4	6	1/4	
P13N09	Standard Ceramic Cup	5	8	5/16	
P13N10	Standard Ceramic Cup	6	10	3/8	
P13N11	Standard Ceramic Cup	7	11	7/16	
P13N12	Standard Ceramic Cup	8	12.5	1/2	
P13N13	Standard Ceramic Cup	10	16	5/8	



WLD 9/20

Part No.	Description	Size	Во	BoreA	
			mm	inch	
P796F70	Standard Long Ceramic Cup	3	5	3/16	
P796F71	Standard Long Ceramic Cup	4	6	1/4	
P796F72	Standard Long Ceramic Cup	5	8	5/16	
P796F73	Standard Long Ceramic Cup	6	10	3/8	



Wear Parts



Extra Long Ceramic Cup

Long Gas Lens Ceramic Cups

WLD 9/20

Part No.	Description	Size	Вс	oreA
			mm	inch
P796F74	Standard Extra Long Ceramic Cup	3	5	3/16
P796F75	Standard Extra Long Ceramic Cup	4	6	1/4
P796F76	Standard Extra Long Ceramic Cup	5	8	5/16
P796F77	Standard Extra Long Ceramic Cup	6	10	3/8



WLD 17/18/18SC/26

Part No.	Description	Size	BoreA		
			mm	inch	
P54N15L	Long Gas Lens Ceramic Cup	7	11	7/16	
P54N16L	Long Gas Lens Ceramic Cup	6	10	3/8	
P54N17L	Long Gas Lens Ceramic Cup	5	8	5/16	



Gas Lens Cups

WLD 9/17/18/20/24W/26

Part No.	Description	Size	Вс	reA	
			mm	inch	
P53N58	Gas Lens Cup	4	6	1/4	
P53N59	Gas Lens Cup	5	8	5/16	
P53N60	Gas Lens Cup	6	10	3/8	
P53N61	Gas Lens Cup	7	11	7/16	
P53N61S	Gas Lens Cup	8	12.5	1/2	



Large Diameter Gas Lens Cups

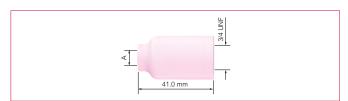
WLD 9/17/18/20/26

Part No.	Description	Size	Во	reA
			mm	inch
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2
P57N75	Large Diameter Gas Lens Cup	6	10	3/8
P53N87	Large Diameter Gas Lens Cup	12	19	3/4
P53N88	Large Diameter Gas Lens Cup	10	16	5/8



WLD 17/18/18SC/26

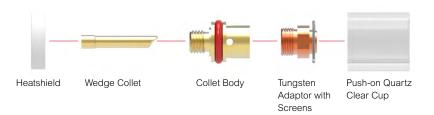
Part No.	Description	Size	Вс	oreA	
			mm	inch	
P54N14	Gas Lens Cup	8	12.5	1/2	
P54N15	Gas Lens Cup	7	11	7/16	
P54N16	Gas Lens Cup	6	10	3/8	
P54N17	Gas Lens Cup	5	8	5/16	
P54N18	Gas Lens Cup	4	6	1/4	
P54N19	Gas Lens Cup	11	17	11/16	





Quartz Tig Consumables

Quartz Tig Consumables Kits 9,20 Series



Part No.	Description
PGS920P-16 Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Collet Body Wedge Collet 1.6mm Heatshield

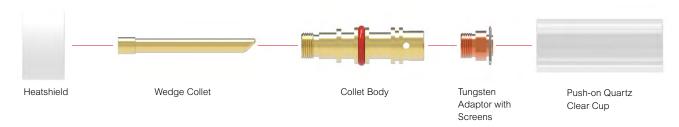
Part No.	Description
PGS920P-24 Quartz Tig Consumables Kit 2.4mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 2.4mm Collet Body Wedge Collet 2.4mm Heatshield

Part No.	Description
PGS920P-32 Quartz Tig Consumables Kit 3.2mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 3.2mm Collet Body Wedge Collet 3.2mm Heatshield

Quartz Tig Consumables



Quartz Tig Consumables Kits 17,18,26 Series



Part No.	Description
PGS171826P-16 Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Collet Body Wedge Collet 1.6mm Heatshield

Part No.	Description
PGS171826P-24 Quartz Tig Consumables Kit 2.4mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 2.4mm Collet Body Wedge Collet 2.4mm Heatshield

Part No.	Description
PGS171826P-32 Quartz Tig Consumables Kit 3.2mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 32mm Collet Body Wedge Collet 3.2mm Heatshield



Quartz Tig Consumables

Quartz Tig Consumables Kits 17,18,26 Series



Part No.	Description
PGS171826P-16S Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Short Collet Body Short Wedge Collet 1.6mm Heatshield

Part No.	Description
PGS171826P-24S Quartz Tig Consumables Kit 2.4mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 2.4mm Short Collet Body Short Wedge Collet 2.4mm Heatshield

Part No.	Description
PGS171826P-32S Quartz Tig Consumables Kit 3.2mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 3.2mm Short Collet Body Short Wedge Collet 3.2mm Heatshield

Consumables Parts



Push-on Quartz Clear Cups

Part No.	Description	Length	Model
1 P2-P7PC	Push-on Quartz Clear Cup	25mm	9/20
2 P2-P8PC	Push-on Quartz Clear Cup	32.5mm	All
3 P3-P8PC	Push-on Quartz Clear Cup	47mm	17/18/26
1	2	3	

Tungsten Adaptor with Screens

Part No.	Description	Electrode Size	Model
T di Cittor	Description	mm inch	Model
PTAS-GS16	Tungsten Adaptor with Screens	1.6 1/16	All
PTAS-GS24	Tungsten Adaptor with Screens	2.4 3/32	All
PTAS-GS32	Tungsten Adaptor with Screens	3.2 1/8	All

Collet Bodies

Part No.	Description	Model
1 PCB2-GS1	Collet Body	9/20
2 PCB3-GS	Collet Body	17/18/26
3 PCB4-GS	Short Collet Body	17/18/26
1	2	3

Wedge Collets

Part No.	Description	Electrode Size	Model
		mm inch	
1 P2CGS-16	Wedge Collet	1.6 1/16	9/20
P2CGS-24	Wedge Collet	2.4 3/32	9/20
P2CGS-32	Wedge Collet	3.2 1/8	9/20
2 P3CGS-16	Wedge Collet	1.6 1/16	17/18/26
P3CGS-24	Wedge Collet	2.4 3/32	17/18/26
P3CGS-32	Wedge Collet	3.2 1/8	17/18/26
3 P4CGS-16	Short Wedge Collet	1.6 1/16	17/18/26
P4CGS-24	Short Wedge Collet	2.4 3/32	17/18/26
P4CGS-32	Short Wedge Collet	3.2 1/8	17/18/26
1	2	3	

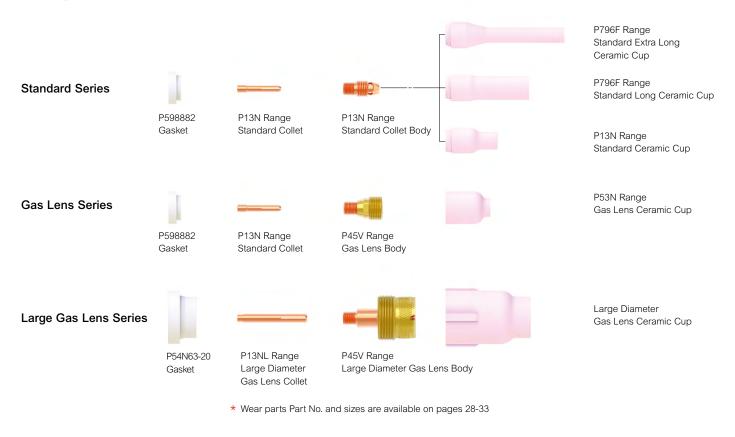
Heatshield

Part No.	Description		Model
1 PHSG920-1	Heatshield		9/20
2 PHSG171826	Heatshield		17/18/26
1		2	

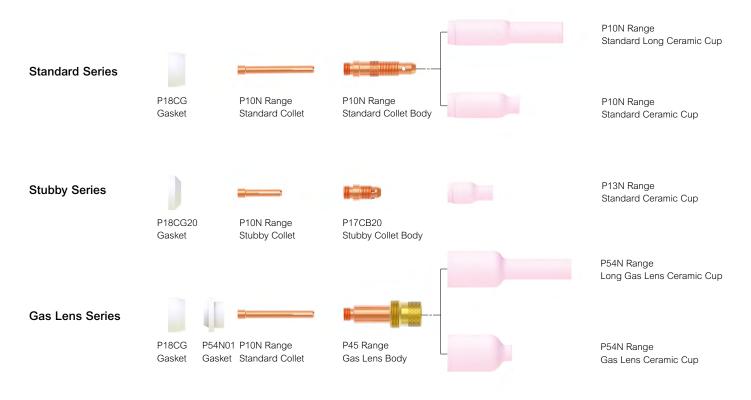


Wear Parts Configuration Tables

WLD 9/20 Series



WLD 17/18/26 Series



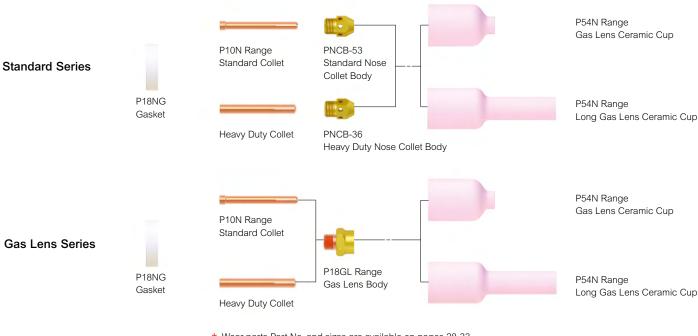
Wear Parts Configuration Tables





* Wear parts Part No. and sizes are available on pages 28-33

WLD 18SC Series



* Wear parts Part No. and sizes are available on pages 28-33

WLD 24W Series





Air-Cooled Rear-End Spare Parts

USA Termination

WP 9/17

	Part No.	Description
1	P0315071	Insulation Boot
2	P57Y01RB-APC1	Power Cable 12.5ft 3/8" UNF Rubber
	P57Y03RB-APC1	Power Cable 25ft 3/8" UNF Rubber
3	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore



WP 26

	Part No.	Description
1	P0315071	Insulation Boot
2	P46V28R-APC3	Power Cable X 12.5ft 7/8" UNF Rubber
	P46V30R-APC3	Power Cable X 25ft 7/8" UNF Rubber
3	PWC-4-12	Zipper Cover-12ft (3.6m) 30mm Bore
	PWC-4-25	Zipper Cover-25ft (7.6m) 30mm Bore



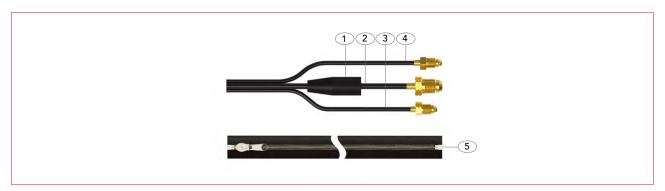
Liquid-Cooled Rear-End Spare Parts



USA Termination

WP 20/24W

	Part No.	Description
1	P0315071	Insulation Boot
2	P45V03OB-APC4	Power Cable x12.5ft 7/8" UNF LH Male O/B
	P45V04OB-APC4	Power Cable x25ft 7/8" UNF LH Male O/B
3	P45V07-WF2	Water Hose x12.5ft 5/8" UNF LH Male PVC
	P45V08-WF2	Water Hose x25ft 5/8" UNF LH Male PVC
4	P45V09-GS7	Gas Hose x12.5ft 5/8" UNF Male PVC
	P45V10-GS7	Gas Hose x25ft 5/8" UNF Male PVC
5	PWC-3-12	Zipper Cover-12ft (3.6m) 25mm Bore
	PWC-3-25	Zipper Cover-25ft (7.6m) 25mm Bore



WP 18/18SC

		Part No.	Description
	1	P0315071	Insulation Boot
	2	P40V64RB-APC4	Power Cable x12.5ft 7/8" UNF LH Male Rubber
		P41V29RB-APC4	Power Cable x25ft 7/8" UNF LH Male Rubber
	3	P45V07OB-WF2	Water Hose x12.5ft 5/8" UNF LH Male O/B
		P45V08OB-WF2	Water Hose x25ft 5/8" UNF LH Male O/B
	4	P45V09OB-GS7	Gas Hose x12.5ft 5/8" UNF Male O/B
		P45V10OB-GS7	Gas Hose x25ft 5/8" UNF Male O/B
	5	PWC-4-12	Zipper Cover-12ft (3.6m) 30mm Bore
		PWC-4-25	Zipper Cover-25ft (7.6m) 30mm Bore





POWERWELD



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