



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.







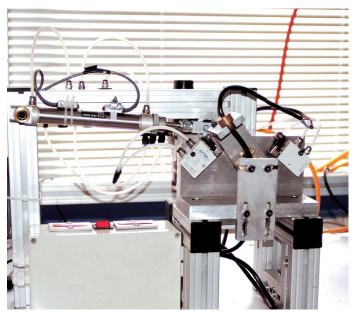
Testing, Testing, Testing

Parker Torchology name.

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



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Air-Cooled

TWC Mig/Mag Torch Range

Air-Cooled Features Focus

The traditional North American TWC Series developed for high performance in heavy industrial environments.

Welding Tools for the Professional



100% Tweco[®] Compatibility Guaranteed

Quality Wear Parts

All wear parts are manufactured to the same specification as the original manufacturer ensuring reliability, longevity and superior performance

- Contact tips are manufactured from premium grade copper alloys; we don't sacrifice performance by using low end or recycled raw materials
- Standard and high-performance options are available for tip adaptors, diffusers and swan necks
- The correct specification of raw material type, surface finish, tensile strength and the coiling technology utilized to form the liner are all essential elements in achieving the correct manufacture of a liner

Superior Flexibility and Durability

Every detail has been considered to ensure the welder has the very best handling in all positions

- Improved balance and positionability with the addition of a knuckle joint which enables small movements of the handle and neck independently of the cable assembly
- Cable sets offer the ultimate in heat and abrasion resistance, fused by an electron beam process that maximizes flexibility and enhances durability





Terminations

A comprehensive range of USA style terminations ensures worldwide compatibility.

The Smart Way To Buy Welding and Cutting Tools



Air-Cooled

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TWC Stealth Mig/Mag Torch Range

Ratings: 150 Amp to 400 Amp, Mixed Gas M21

Wire Size

0.6-1.0





D
2-10AD
.D 2-12AD
D 2-15AD

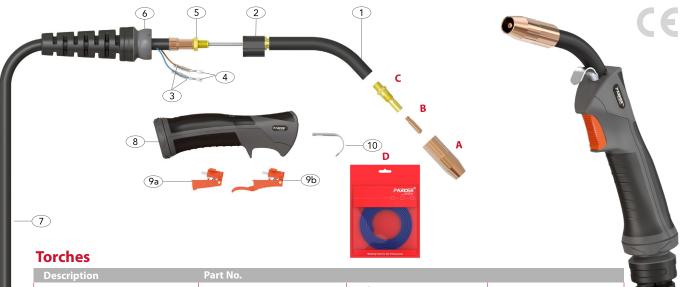
0.8-1.2

0.8-1.2

0.8-1.2

PST-TW180 Stealth Mig/Mag Torch Range

Rating: 180A CO₂ 150A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.6 to 1.0mm / 0.023-0.039" wires Air-Cooled Mig Welding Torch



Welding Torch c/w Universal Fitting	10ft	12ft	15ft
	PST-TW180-10AD	PST-TW180-12AD	PST-TW180-15AD
	PST-TW180-MT2-10AD	PST-TW180-MT2-10AD	PST-TW180-MT2-15AD

Wear Parts

A Nozzles Part No.

PARK

Part No.	Description	Bore	Wall	Material
P21-37	Nozzle Self Insulated	9.5	1.60mm	Copper
*P21-50	Nozzle Self Insulated	12.7	1.60mm	Copper
P21-62	Nozzle Self Insulated	15.9	1.60mm	Copper

C

TORCHOLOGY

SMART TORCH SOLUTIONS

B Contact Tips

Part No.	Description	Material	Wire	Size	
			mm	inch	
P11-23	Contact Tip	Ecu	0.6	0.023	
*P11-30	Contact Tip	Ecu	0.8	0.030	
P11-35	Contact Tip	Ecu	0.9	0.035	
P11-40	Contact Tip	Ecu	1.0	0.040	
P11-45	Contact Tip	Ecu	1.2	0.045	

C Diffuser

Part No.	Description	Material
*P51	Diffuser	Brass

D Liners

_					
	Part No.	Description	Length	Wire	Size
				mm	inch
	*PA42-3035-15	Steel Liner x 15ft	4.90mt	0.8-0.9	0.030-0.035
	PA42-3035-25	Steel Liner x 25ft	8.10mt	0.8-0.9	0.030-0.035
	PA42-4045-15	Steel Liner x 15ft	4.90mt	1.0-1.2	0.040-0.045
	PA42-4045-25	Steel Liner x 25ft	8.10mt	1.0-1.2	0.040-0.045
	P42N-4045-15	Polyamide Liner x 15ft	4.90mt	1.0-1.2	0.040-0.045
	P42N-4045-25	Polyamide Liner x 25ft	8.10mt	1.0-1.2	0.040-0.045

Spare Parts

	Part No.	Description	
1	PLS-TW1	Swan Neck Assembly	
2	PG1515	Ergo Handle Location Body	
3	PB1521-C	Cable Terminal Cover	
4	PB1521	Cable Terminal	
5	PB1505	Lock Nut	
6	PG8015	Handle Cable Support c/w Ball Joint	
7	PSTH180-10E	Cable Assembly x 10ft	
	PSTH180-12E	Cable Assembly x 12ft	
	PSTH180-15E	Cable Assembly x 15ft	
8	SGB2514	Handle And Lock Nut Assembly	
9a	DGB2516	Standard Trigger Assembly	
9b	DGB2516L	Extended Trigger Assembly	
10	PB2517	Hanger Hook	

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All products conform to EN60974-7, CC and are RoHS2, REACH and WEEE compliant

П

PST-TW200 Stealth Mig/Mag Torch Range

Rating: 230A CO, 200A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.023-0.045" wires **Air-Cooled Mig Welding Torch**





Wear Parts

A	Nozzles				
	Part No.	Description	Bore	Wall	Material
	*P22-50	Nozzle Self Insulated	12.8	1.25mm	Copper
	P22-62	Nozzle Self Insulated	16.0	1.25mm	Copper

PST-TW200-MT2-10AD

В **Nozzles Insulator**

Part No.	Description
*P32	Nozzle Insulator

C Contact Tips

Part No.	Description	Material	Wire	Size	
i ai t i to.	Description	Material		inch	
4	с т і	_	mm		
*P14-30	Contact Tip	Ecu	0.8	0.030	
P14-40	Contact Tip	Ecu	1.0	0.040	
P14-45	Contact Tip	Ecu	1.2	0.045	
P14H-30	Contact Tip	Ecu	0.8	0.030	
P14H-40	Contact Tip	Ecu	1.0	0.040	
P14H-45	Contact Tip	Ecu	1.2	0.045	

D Diffuser

Part No.	Description	Material
P52	Diffuser	Brass

Е Liners

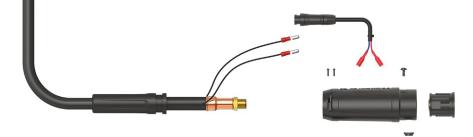
PST-TW200-MT2-12AD

Part I	lo.	Description	Length	Wire	Size
				mm	inch
*PA42-3	8035-15	Steel Liner x 15ft	4.90mt	0.8-0.9	0.030-0.035
PA42-3	8035-25	Steel Liner x 25ft	8.10mt	0.8-0.9	0.030-0.035
PA42-4	1045-15	Steel Liner x 15ft	4.90mt	1.0-1.2	0.040-0.045
PA42-4	1045-25	Steel Liner x 25ft	8.10mt	1.0-1.2	0.040-0.045
P42N-	4045-15	Polyamide Liner x 15ft	4.90mt	1.0-1.2	0.040-0.045
P42N-	4045-25	Polyamide Liner x 25ft	8.10mt	1.0-1.2	0.040-0.045

PST-TW200-MT2-15AD

Spare Parts

	Part No.	Description
1	PLS-TW2	Swan Neck Assembly
2	PG1515	Ergo Handle Location Body
3	PB1521-C	Cable Terminal Cover
4	PB1521	Cable Terminal
5	PB1505	Lock Nut
6	PG8015	Handle Cable Support c/w Ball Joint
7	PSTH200-10E	Cable Assembly x 10ft
	PSTH200-12E	Cable Assembly x 12ft
	PSTH200-15E	Cable Assembly x 15ft
8	SGB2514	Handle And Lock Nut Assembly
9a	DGB2516	Standard Trigger Assembly
9b	DGB2516L	Extended Trigger Assembly
10	PB2517	Hanger Hook





All products conform to EN60974-7, CC and are RoHS2, REACH and WEEE compliant

PARKER TORCHOLOGY SMART TORCH SOLUTIONS Rating: 260A CO₂ 230A mix

PST-TW300 Stealth Mig/Mag Torch Range Rating: 260A CO₂ 230A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.023-0.045" wires

Rating: 260A CO₂ 230A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm / 0.023-0.045" wires Air-Cooled Mig Welding Torch



Description	Part No.		
Welding Torch c/w Universal Fitting	10ft	12ft	15ft
	PST-TW300-10AD	PST-TW300-12AD	PST-TW300-15AD
	PST-TW300-MT2-10AD	PST-TW300-MT2-12AD	PST-TW300-MT2-15AD

Wear Parts

A Nozzles

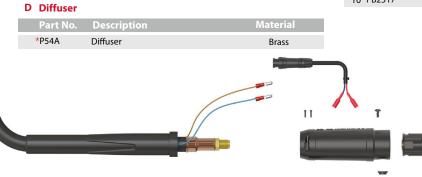
Part No.	Description	Bore	Wall	Material	
P24A-50	Nozzle Self Insulated	12.8	1.60mm	Copper	
*P24A-62	Nozzle Self Insulated	16.0	1.60mm	Copper	
P24A-75	Nozzle Self Insulated	19.0	1.60mm	Copper	

B Nozzles Insulator

Part No.	Description
*P34A	Nozzle Insulator

C Contact Tips

Part No.	Description	Material	Wire	Size
			mm	inch
P14-30	Contact Tip	Ecu	0.8	0.030
P14-35	Contact Tip	Ecu	0.9	0.035
P14-40	Contact Tip	Ecu	1.0	0.040
P14-45	Contact Tip	Ecu	1.2	0.045
P14H-30	Contact Tip	Ecu	0.8	0.030
P14H-35	Contact Tip	Ecu	0.9	0.035
P14H-40	Contact Tip	Ecu	1.0	0.040
P14H-45	Contact Tip	Ecu	1.2	0.045



E Liners

Part No.	Description	Length	Wire	Size
			mm	inch
*PA44-3545-15	Steel Liner x 15ft	4.90mt	0.9-1.2	0.035-0.045
PA44-3545-15	Steel Liner x 25ft	8.10mt	0.9-1.2	0.035-0.045
P42N-4045-15	Polyamide Liner x 15ft	4.90mt	1.0-1.2	0.040-0.045
P42N-4045-25	Polyamide Liner x 25ft	8.10mt	1.0-1.2	0.040-0.045

Spare Parts

	Part No.	Description
1	PLS-TW3	Swan Neck Assembly
2	PG1515	Ergo Handle Location Body
3	PB1521-C	Cable Terminal Cover
4	PB1521	Cable Terminal
5	PB1505	Lock Nut
6	PG8016	Handle Cable Support c/w Ball Joint
7	PSTH300-10E	Cable Assembly x 10ft
	PSTH300-12E	Cable Assembly x 12ft
	PSTH300-15E	Cable Assembly x 15ft
8	SGB2514	Handle And Lock Nut Assembly
9a	DGB2516	Standard Trigger Assembly
9b	DGB2516L	Extended Trigger Assembly
10	PB2517	Hanger Hook



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7)			-	(9b)	PARKER	B	
·	/	(9a)	-					
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						Weiding Tools for the Professional		2
То	rches							
De	escription		Part No.			1		5
			10ft			12ft	15ft	
We	lding lorch	c/w Universal Fitting	PST-TW40			PST-TW400-12AD	PST-TW400-15AD	
			PST-TW40	00-MT2-10	0AD	PST-TW400-MT2-12AD	PST-TW400-MT2-15AD	
Α	Nozzles					E Liners		
A	Nozzles Part No.	Description	Bore	Wall	Material	E Liners Part No.	Description Length Wire Si	
Α	Part No. P24A-50	Nozzle Self Insulated	12.8	1.60mm	Copper		mm	Ze Inch 35-0.0
A	Part No. P24A-50 *P24A-62	Nozzle Self Insulated Nozzle Self Insulated	12.8 16.0	1.60mm 1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15	steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0	inch 35-0.0 35-0.0
	Part No. P24A-50 *P24A-62 P24A-75	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated	12.8	1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0.	inch 35-0.0 35-0.0 40-0.0
A	Part No. P24A-50 *P24A-62 P24A-75 Nozzles I	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator	12.8 16.0	1.60mm 1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0	inch 35-0.0 35-0.0 40-0.0
	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No.	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description	12.8 16.0	1.60mm 1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0	inch 35-0.0 35-0.0
	Part No. P24A-50 *P24A-62 P24A-75 Nozzles I	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator	12.8 16.0	1.60mm 1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No.	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator	12.8 16.0	1.60mm 1.60mm	Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator	12.8 16.0	1.60mm 1.60mm 1.60mm	Copper Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. S Description Swan Neck Assembly Ergo Handle Location Body	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No.	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator Tips Description	12.8 16.0 19.0 Material	1.60mm 1.60mm 1.60mm Wire	Copper Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4	steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. S Description Swan Neck Assembly	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator	12.8 16.0 19.0	1.60mm 1.60mm 1.60mm	Copper Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Some service and the	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator Tips Description Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm Wire mm 0.8 0.9 1.0	Copper Copper Copper	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Source S Description Swan Neck Assembly Ergo Handle Location Body Cable Terminal Lock Nut Handle Cable Support c/w Ball Joint	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-35 P14-40 P14-45	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator ips Description Contact Tip Contact Tip Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm Wire mm 0.8 0.9 1.0 1.2	Copper Copper Copper Size Inch 0.030 0.035 0.040 0.045	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Source S Description Swan Neck Assembly Ergo Handle Location Body Cable Terminal Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-45 P14H-30	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator ips Description Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm Wire mm 0.8 0.9 1.0 1.2 0.8	Copper Copper Copper Size 0.030 0.035 0.040 0.045 0.030	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-12E	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Suma Neck Assembly Ergo Handle Location Body Cable Terminal Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft Cable Assembly x 12ft	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-45 P14H-30 P14H-35	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator ips Description Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm Wire mm 0.8 0.9 1.0 1.2 0.8 0.9	Copper Copper Copper Size inch 0.030 0.035 0.040 0.045 0.030 0.045 0.030	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-12E PSTH400-15E	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Swan Neck Assembly Ergo Handle Location Body Cable Terminal Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft Cable Assembly x 12ft Cable Assembly x 15ft	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-45 P14H-30 P14H-35 P14H-40	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator ips Description Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm 	Copper Copper Copper inch 0.030 0.035 0.040 0.035 0.035 0.035 0.035 0.035	Part No. *PA44-3545-15 PA44-3545-15 *P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-12E	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0. Steel Liner x 25ft 8.10mt 0.9-1.2 0.0. Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0. Suma Neck Assembly Ergo Handle Location Body Cable Terminal Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft Cable Assembly x 12ft	inch 35-0.0 35-0.0 40-0.0
C	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-35 P14-40 P14-45 P14H-30 P14H-35 P14H-40 P14H-45	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nsulator Description Nozzle Insulator ips Description Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm Wire mm 0.8 0.9 1.0 1.2 0.8 0.9	Copper Copper Copper Size inch 0.030 0.035 0.040 0.045 0.030 0.045 0.030	Part No. *PA44-3545-15 PA44-3545-15 P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-10E PSTH400-15E 8 SGB2514 9a DGB2516 9b DGB2516L	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Swan Neck Assembly Ergo Handle Location Body 5 Cable Terminal Cover Cable Terminal 1.0-1.2 0.0 Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft 5 Cable Assembly x 12ft Cable Assembly x 15ft 1.0-1.2 1.0 Handle Cable Assembly x 15ft Handle And Lock Nut Assembly 5 5 Standard Trigger Assembly Extended Trigger Assembly 5 5	inch 35-0.0 35-0.0 40-0.0
в	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-30 P14-40 P14-45 P14H-40 P14H-45 P14H-45 P14H-45 P14H-45 P14H-45	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nozzle Self Insulated Description Nozzle Insulator Description Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm 	Copper Copper Copper Size inch 0.030 0.045 0.030 0.045 0.030 0.035 0.040 0.035	Part No. *PA44-3545-15 PA44-3545-15 P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-112E PSTH400-15E 8 SGB2514 9a DGB2516	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Swan Neck Assembly Ergo Handle Location Body 2 Cable Terminal Cover 2 2 2 Lock Nut Handle Cable Support c/w Ball Joint 2 2 Cable Assembly x 10ft 2 2 2 Cable Assembly x 12ft 2 2 2 Cable Assembly x 15ft Handle And Lock Nut Assembly 5 5	inch 35-0.0 35-0.0 40-0.0
C	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-35 P14H-30 P14H-35 P14H-40 P14H-45 Diffuser Part No.	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nozzle Self Insulated Description Nozzle Insulator ips Description Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm 	Copper Copper Copper inch 0.030 0.035 0.040 0.035 0.040 0.035 0.040 0.035 0.040 0.035	Part No. *PA44-3545-15 PA44-3545-15 P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-10E PSTH400-15E 8 SGB2514 9a DGB2516 9b DGB2516L	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Swan Neck Assembly Ergo Handle Location Body 5 Cable Terminal Cover Cable Terminal 1.0-1.2 0.0 Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft 5 Cable Assembly x 12ft Cable Assembly x 15ft 1.0-1.2 1.0 Handle Cable Assembly x 15ft Handle And Lock Nut Assembly 5 5 Standard Trigger Assembly Extended Trigger Assembly 5 5	inch 35-0.0 35-0.0 40-0.0
C	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-30 P14-40 P14-45 P14H-40 P14H-45 P14H-45 P14H-45 P14H-45 P14H-45	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nozzle Self Insulated Description Nozzle Insulator Description Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm 	Copper Copper Copper Size inch 0.030 0.045 0.030 0.045 0.030 0.035 0.040 0.035	Part No. *PA44-3545-15 PA44-3545-15 P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-10E PSTH400-15E 8 SGB2514 9a DGB2516 9b DGB2516L	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Swan Neck Assembly Ergo Handle Location Body 5 Cable Terminal Cover Cable Terminal 1.0-1.2 0.0 Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft 5 Cable Assembly x 12ft Cable Assembly x 15ft 1.0-1.2 1.0 Handle Cable Assembly x 15ft Handle And Lock Nut Assembly 5 5 Standard Trigger Assembly Extended Trigger Assembly 5 5	inch 35-0.0 35-0.0 40-0.0
C	Part No. P24A-50 *P24A-62 P24A-75 Nozzles II Part No. *P34A Contact T Part No. P14-30 P14-35 P14H-30 P14H-35 P14H-40 P14H-45 Diffuser Part No.	Nozzle Self Insulated Nozzle Self Insulated Nozzle Self Insulated nozzle Self Insulated Description Nozzle Insulator ips Description Contact Tip Contact Tip	12.8 16.0 19.0 Material Ecu Ecu Ecu Ecu Ecu Ecu Ecu	1.60mm 1.60mm 1.60mm 	Copper Copper Copper inch 0.030 0.035 0.040 0.035 0.040 0.035 0.040 0.035 0.040 0.035	Part No. *PA44-3545-15 PA44-3545-15 P42N-4045-15 P42N-4045-25 Spare Part Part No. 1 PLS-TW4 2 PG1515 3 PB1521-C 4 PB1521 5 PB1505 6 PG8016 7 PSTH400-10E PSTH400-10E PSTH400-15E 8 SGB2514 9a DGB2516 9b DGB2516L	Steel Liner x 15ft 4.90mt 0.9-1.2 0.0 Steel Liner x 25ft 8.10mt 0.9-1.2 0.0 Polyamide Liner x 15ft 4.90mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Polyamide Liner x 25ft 8.10mt 1.0-1.2 0.0 Swan Neck Assembly Ergo Handle Location Body 5 Cable Terminal Cover Cable Terminal 1.0-1.2 0.0 Lock Nut Handle Cable Support c/w Ball Joint Cable Assembly x 10ft 5 Cable Assembly x 12ft Cable Assembly x 15ft 1.0-1.2 1.0 Handle Cable Assembly x 15ft Handle And Lock Nut Assembly 5 5 Standard Trigger Assembly Extended Trigger Assembly 5 5	inch 335-0.0 335-0.0 40-0.0 40-0.0

All products conform to EN60974-7, **C** and are RoHS2, REACH and WEEE compliant



Wear Parts

Nozzles

TW 180

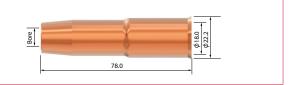
Part No.	Description	Bore	Wall	Material	
P21-37	Nozzle Self Insulated	9.5	1.60mm	Copper	
*P21-50	Nozzle Self Insulated	12.7	1.60mm	Copper	
P21-62	Nozzle Self Insulated	15.9	1.60mm	Copper	
	Bore	φ21.2			

56.5

TW 200

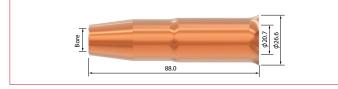
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	Part No.	Description	Bore	Wall	Materia
	*P22-50	Nozzle Adjustable	12.8	1.25mm	Copper
	P22-62	Nozzle Adjustable	16.0	1.25mm	Copper
_					



TW 300/400

Part No.	Description	Bore	Wall	Material
P24A-50	Nozzle Adjustable	12.8	1.25mm	Copper
*P24A-62	Nozzle Adjustable	16.0	1.25mm	Copper
P24A-75	Nozzle Adjustable	19.0	1.25mm	Copper
	-			



Wear Parts



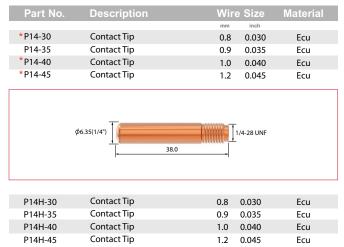
Contact Tips

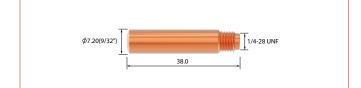
TW 180

Part No.	Description	Wire	Size	Material
		mm	inch	
P11-23	Contact Tip	0.6	0.023	Ecu
*P11-30	Contact Tip	0.8	0.030	Ecu
P11-35	Contact Tip	0.9	0.035	Ecu
P11-40	Contact Tip	1.0	0.040	Ecu



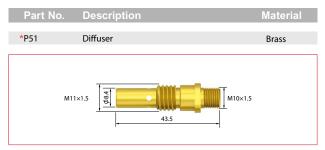
TW 200/300/400



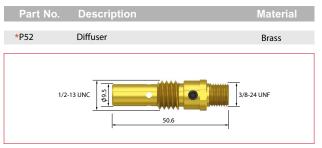


Diffuser

TW 180



TW 200



TW 300/400

Part No.	Description	Material
*P54A	Diffuser	Brass
	3/8-24 UNF	

* Denotes torch package standard wear part set-up



Liner Options 0.8-0.9mm

TW 180/200

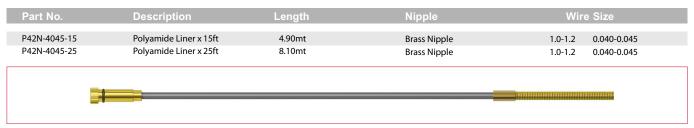


Liner Options 0.9-1.2mm

TW 180/200



TW 180/200/300/400



TW 300/400



* Denotes torch package standard wear part set-up

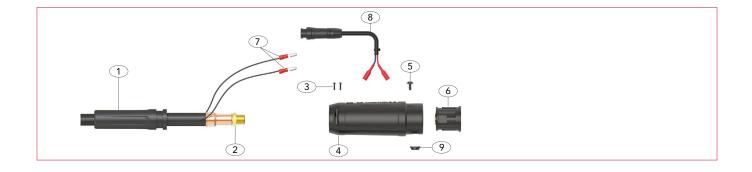
Air-Cooled Rear-End Spare Parts

Termination



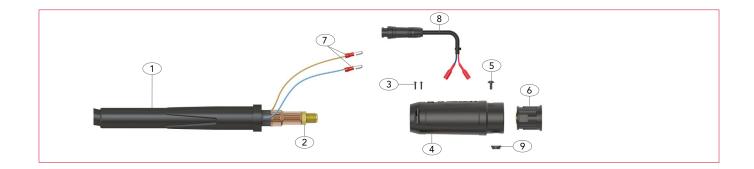
TW 180/200

	Part No.	Description
1	PC2841	Cable Support
2	PXL1542	Cable End Lock Nut
3	SCPSP1-1	Gun Plug Housing Screw
4	SCP2578HL-S	Gun Plug Housing
5	PBL1541	Gun Plug Screw
6	PECEM1575-2	Hybrid Plug Body TWC 1-4
7	PB1522	Cable Termial Male
8	PQF-SW	Male Switch Wire Plug
9	SCP2578-SP1	Housing Stopper



TW 300/400

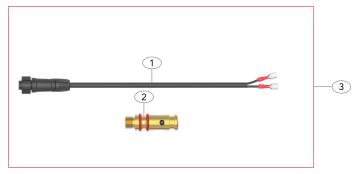
	Part No.	Description
1	PA3541	Cable Support
2	PXL1542	Cable End Lock Nut
3	SCPSP1-1	Gun Plug Housing Screw
4	SCP2578HL-L	Gun Plug Housing
5	PBL1541	Gun Plug Screw
6	PECEM1575-2	Hybrid Plug Body TWC 1-4
7	PB1522	Cable Termial Male
8	PQF-SW	Male Switch Wire Plug
9	SCP2578-SP1	Housing Stopper





Universal Kits Connector Kits

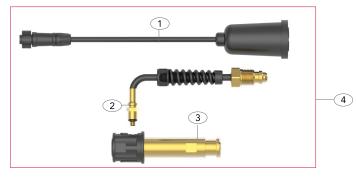
Tweco® 1-4 Universal Kit



Miller[®] - TWC 1-4 Universal Kit



Lincoln[®] - TWC 1-4 Universal Kit



LPW-TWC 1-4 Universal Kit



Direct Plug Connector

	Part No.	Description
1	PECEL1575-SW-Q	Quick Fit Switch Wire Assembly
2	PECET1575-1	Tweco [®] 1-4 Power Pin
3	PECET1575K-Q	Quick Fit Connector Kit Complete

Direct Plug Connector

	Part No.	Description
1	PECEM1575-SW-Q	Quick Fit Miller [®] Plug Assembly
2	PECEM1575-1	Miller [®] Power Pin
3	PML1570	Wire Guide 0.35"-1/16"
	PML1571	Wire Guide 5/16"-3/32"(Option)
4	PECEM1575K-Q	Quick Fit Connector Kit Complete

Direct Plug Connector

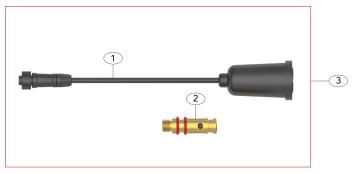
	Part No.	Description
1	PM16725-Q	Quick Fit Lincoln [®] Plug Assembly
2	PECEL1575-G	Lincoln [®] Gas Tube Assembly
3	PECEL1575	Lincoln [®] Power Pin
4	PECEL1575K-Q	Quick Fit Connector Kit Complete

Direct Plug Connector

	Part No.	Description
1	PECEM1575-SW-Q	Quick Fit Miller [®] Plug Assembly
2	PECET1575-1	Tweco [®] 1-4 Power Pin
3	PECEW1575K-Q	Quick Fit Connector Kit Complete



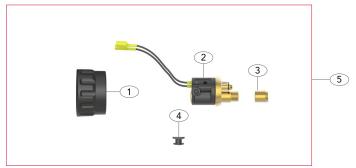
LPB-TWC 1-4 Universal Kit



Direct Plug Connector

	Part No.	Description
1	PM16725-Q	Quick Fit Lincoln [®] Plug Assembly
2	PECET1575-1	Tweco [®] 1-4 Power Pin
3	PECEB1575K-Q	Quick Fit Connector Kit Complete

Euro Connector Kits TWC No.2 Universal Kit



* Denotes torch package standard wear part set-up



Universal Set-up Guide A simple step by step guide

Direct Plug Connector

	Part No.	Description
1	PC1519-S	Gun Plug Nut
2	PC17EX-1	Gun Plug Body
3	PXL1826	Liner Retaining Nut
4	SCP2578-SP2	Housing Stopper
5	PC174EX-1-KIT-QS	Quick Fit Connector Kit Complete



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