

SUREGRIP ONE **TIG SERIES**

One Model – Infinite Configurability – Worldwide Connectivity



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.





Production

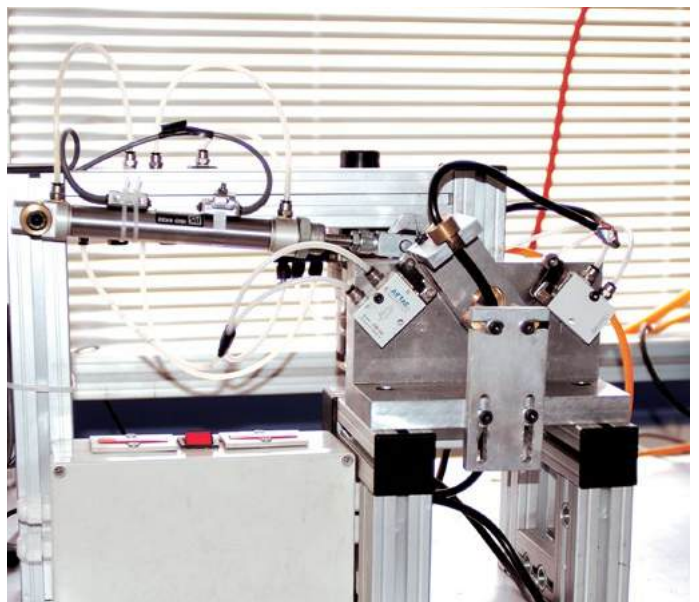
A fusion of precision production engineering, our bespoke processing techniques and a fanatical attention to detail ensures every welding torch we produce is worthy of the Parker Torchology name.

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.

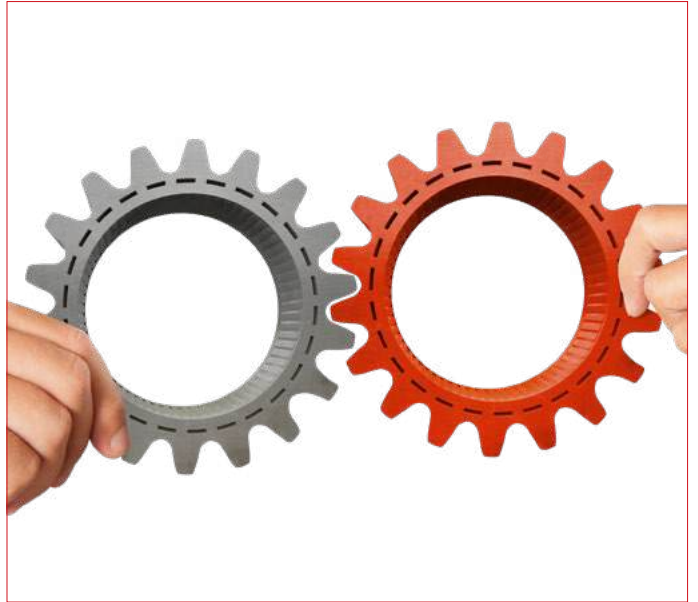
We build endless prototypes and test pieces that undergo months of rigorous testing. Only once a product has passed up to 88 different test procedures, with every single part tested separately do we consider our latest designs ready for market.



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

Suregrip One Tig Torch Range

One Model – Infinite Configurability– Worldwide Connectivity



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Suregrip One Series

Multi-Just Series

New Modular Series

Allows Customization of a single torch to multiple configurations

Cold-Wire Series

Hot-Wire Series

Suregrip One Tig Torch Range

Suregrip Tig torches are built to the highest product specification, utilizing the finest materials. High-end product features, handle ergonomics and flexibility provide a superior level experience.

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 include

- Standard and stubby collets and collet bodies
- Standard and stubby gas lens series
- Large diameter gas lens series
- Standard and large diameter Pyrex cups and gas lens bodies

Ergonomics – For Comfort and Handleability

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

- Patented handle sets with large surface area soft grips for improved balance and positionability
- Knuckle joints enable small movements of the torch independently of the cable assembly



"Plug and Play" Configurability

All switches 'plug and play' - no tools required

- Torch packages are supplied with a patented 5 core 'plug and play' switch port
- One access for fault analysis and repair
- An extensive range of switch options to suit all machine control requirements



Premium Torch Bodies

Produced from premium grade silicon rubber for 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



Features Focus

One Model – Infinite Configurability – Worldwide Connectivity



Superior Flexibility and Durability

Cable set materials enhanced to improve service life

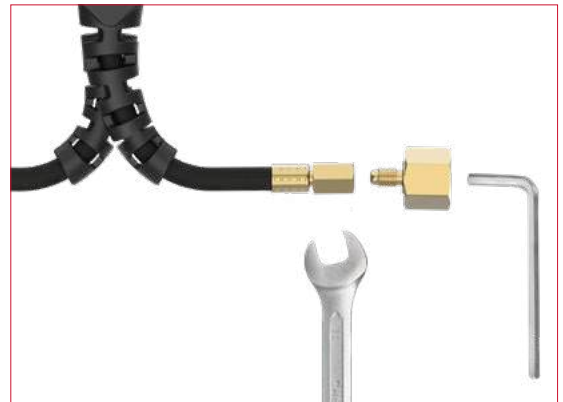
- Premium grade hose materials demonstrably improve flexibility and service life
- Front-end leather protection hose
- Liquid-Cooled cable power conductors have an added coating to prevent premature corrosion from poor quality water and coolant additives
- 'Plug and Play' Extension cables available in 8m and 16m length **New**

Rapid Fit Connection System **New**

A flexible system enables quick and easy changeover of Gas and Liquid supply hoses at Point of Sale

No special tools required - all you need is a standard spanner and Allen key

- No need for cutting and recrimping terminations
- All terminations interchange on a common hose connector



Rapid Fit Switch Plugs **New**

'Plug and play' Configurability

All switch plugs 'plug and play' - no soldering required

- An extensive range of switch plugs to suit all machine control requirements

Point of Sale Configurability

A universal termination system that allows interchangeability of various machine connector types on one common cable assembly
Modular system includes: -

- Dinse
- European
- USA
- British
- Gas Through

New Additions



Suregrip One Tig Torch Range

Ratings: 125 Amp to 410 Amp, Mixed Gas



Model	SGT 9	SGT 17	SGT 26	SGT 24W
Technical Data				
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled	Liquid-Cooled
Rating: DC	125A	150A	180A	180A
AC	90A	105A	125A	125A
Duty Cycle:	35%	35%	35%	100%
Electrode Size:	1.0-2.4	1.0-3.2	1.0-4.0	0.5-2.4
Minimum Water Flow	-	-	-	0.9 l/min
Minimum Water Inlet Pressure	-	-	-	2.0 Bar
Minimum Cooling Requirements	-	-	-	600W
Maximum Water Inlet Pressure	-	-	-	5.0 Bar
Maximum Water Inlet Temperature	-	-	-	50°C

Suregrip One Tig Torch Range

Ratings: 125 Amp to 410 Amp, Mixed Gas



Model	SGT 20	SGT 20S Supercool	SGT 18	SGT 18SC Supercool
Technical Data				
Cooling Method	Liquid-Cooled	Liquid-Cooled	Liquid-Cooled	Liquid-Cooled
Rating: DC	225A	340A	380A	410A
AC	160A	240A	270A	290A
Duty Cycle:	100%	100%	100%	100%
Electrode Size:	1.0-3.2	1.0-3.2	1.0-4.0	1.0-4.8
Minimum Water Flow	1.0 l/min	1.5 l/min	1.0 l/min	1.0 l/min
Minimum Water Inlet Pressure	2.0 Bar	2.0 Bar	2.0 Bar	2.0 Bar
Minimum Cooling Requirements	700W	1000W	900W	1000W
Maximum Water Inlet Pressure	5.0 Bar	5.0 Bar	5.0 Bar	5.0 Bar
Maximum Water Inlet Temperature	50°C	50°C	50°C	50°C

Suregrip One Multi-Just Tig Torch Range

Ratings: 125 Amp to 410 Amp, Mixed Gas



SPECIAL ACCESS SERIES

Model

SGT 125M
Multijust

SGT 250M
Multijust

Technical Data

Cooling Method	Air-Cooled	Liquid-Cooled
Rating: DC	150A	250A
AC	105A	175A
Duty Cycle:	35%	100%
Electrode Size:	1.0-3.2	1.0-4.0
Minimum Water Flow	-	1.0 l/min
Minimum Water Inlet Pressure	-	2.0 Bar
Minimum Cooling Requirements	-	800W
Maximum Water Inlet Pressure	-	5.0 Bar
Maximum Water Inlet Temperature	-	50°C

Suregrip One Modular Tig Torch Range

Ratings: 125 Amp to 410 Amp, Mixed Gas



Model	SGT A150 Modular	SGT A200 Modular	SGT W225 Flex Modular
Technical Data			
Cooling Method	Air-Cooled	Air-Cooled	Liquid-Cooled
Rating: DC	150A	180A	225A
AC	115A	125A	160A
Duty Cycle:	35%	35%	100%
Electrode Size:	1.0-3.2	1.0-4.0	1.0-3.2
Minimum Water Flow	-	-	1.0 l/min
Minimum Water Inlet Pressure	-	-	2.0 Bar
Minimum Cooling Requirements	-	-	700W
Maximum Water Inlet Pressure	-	-	5.0 Bar
Maximum Water Inlet Temperature	-	-	50°C

Suregrip One Cold-Wire Tig Torch Range

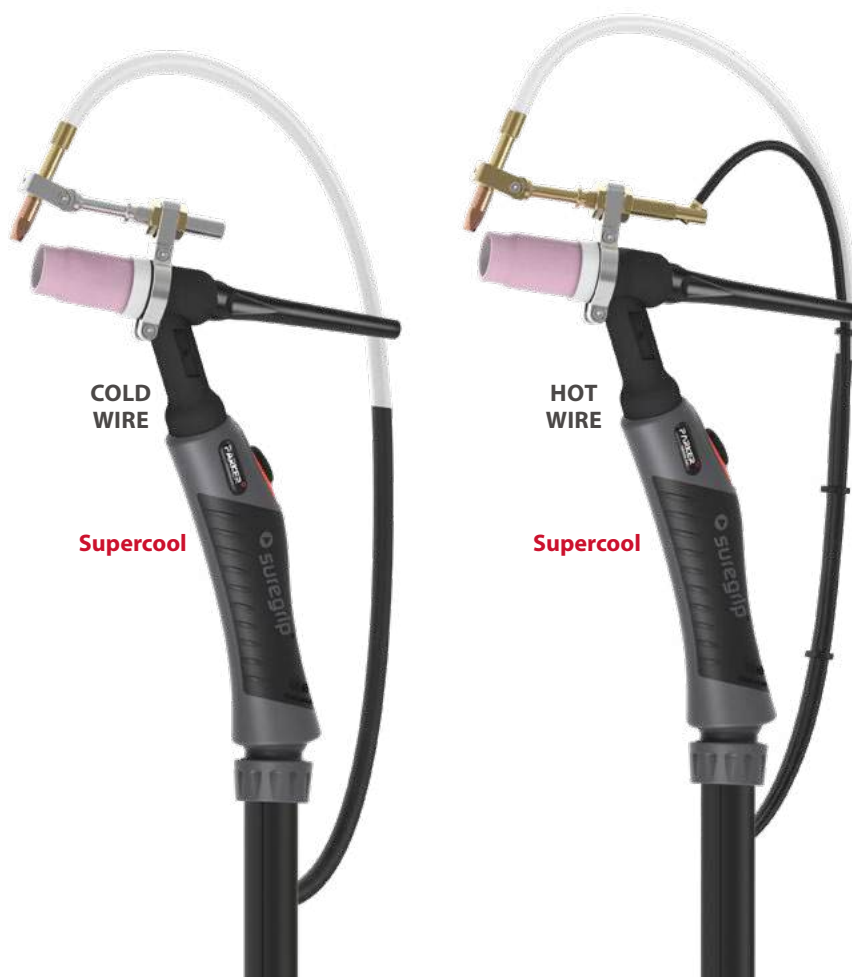
Ratings: 125 Amp to 410 Amp, Mixed Gas



Model	SGTCW17 Cold-Wire	SGTCW26 Cold-Wire	SGTCW18 Cold-Wire
Technical Data			
Cooling Method	Air-Cooled	Air-Cooled	Liquid-Cooled
Rating: DC	150A	180A	380A
AC	105A	125A	270A
Duty Cycle:	35%	35%	100%
Electrode Size:	1.0-3.2	1.0-4.0	1.0-4.0
Wire Diameter:	0.8-1.0	0.8-1.0	1.0-1.2
Minimum Water Flow	-	-	1.0 l/min
Minimum Water Inlet Pressure	-	-	2.0 Bar
Minimum Cooling Requirements	-	-	900W
Maximum Water Inlet Pressure	-	-	5.0 Bar
Maximum Water Inlet Temperature	-	-	50°C

Suregrip One Cold / Hot-Wire Tig Torch Range

Ratings: 125 Amp to 410 Amp, Mixed Gas



Model

SGTCW18SC
Cold-Wire Supercool

SGTHW18SC
Hot-Wire Supercool

Technical Data

Cooling Method	Liquid-Cooled	Liquid-Cooled
Rating: DC	410A	410A
AC	290A	290A
Duty Cycle:	100%	100%
Electrode Size:	1.0-4.8	1.0-4.8
Wire Diameter:	1.0-1.2	1.0-1.2
Minimum Water Flow	1.0 l/min	1.0 l/min
Minimum Water Inlet Pressure	2.0 Bar	2.0 Bar
Minimum Cooling Requirements	1000W	1000W
Maximum Water Inlet Pressure	5.0 Bar	5.0 Bar
Maximum Water Inlet Temperature	50°C	50°C

Suregrip One Tig Torch Heads are 100% Weldcraft OEM interchangeable.

Air and Liquid-Cooled torch bodies are offered with a choice of standard and flexible options. Flexible options have the ability to be manipulated into different positions.

In applications where torch head repositioning is a daily requirement, the special access series is recommended.



Air-Cooled Series

Suregrip SGT 9 Series Torch Body Options

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

Rating: 125A DC, 90A AC, @ 35%



Suregrip SGT 17 Series Torch Body Options

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

Rating: 150A DC, 105A AC, @ 35%



Suregrip SGT 26 Series Torch Body Options

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

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



Liquid-Cooled Series

Suregrip SGT 24W Series Torch Body Options

0.020" - 3/32"/0.5mm-2.4mm electrodes.

Rating: 180A DC, 125A AC, @ 100%



Suregrip SGT 20 Series Torch Body Options

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

Rating: 225A DC, 160A AC, @ 100%



Rating: 340A DC, 240A AC, @ 100%

Suregrip One Tig Torch Range

Torch Body Options

Suregrip SGT 18 Series Torch Body Options

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

Rating: 380A DC, 270A AC, @ 100%



Suregrip SGT 18SC Series Torch Body Options

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

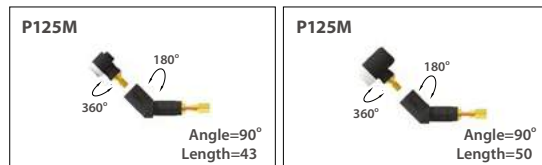
Rating: 410A DC, 290A AC, @ 100%

Multijust Special Access Series

Recommended in applications where repeated adjustments of the head position are an everyday occurrence. Designed to rotate through 180° in the handle and through 360° from the two-piece torch body.

Suregrip SGT 125 Multijust Series Torch Body Options

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



SGT 125 PM9-90

Rating: 95A DC, 65A AC @ 35%

SGT 125 PM17-90

Rating: 150A DC, 105A AC @ 35%

Suregrip SGT 250 Multijust Series Torch Body Options

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



SGT 250 PM9-90

Rating: 225A DC, 160A AC @ 100%

SGT 250 PM17-90

Rating: 250A DC, 175A AC @ 100%

Modular Series

Designed to provide easy access to difficult to reach areas with one torch package and multiple head sizes and angles.

Suregrip SGT A150 Series Torch Body Options

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



SGT A150(P17 series heads)

Rating: 150A DC, 115A AC, @ 60%

SGT A150(P17 series heads)

Rating: 150A DC, 115A AC, @ 60%

Suregrip SGT A200 Series Torch Body Options

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



SGT A200(P17 series heads)

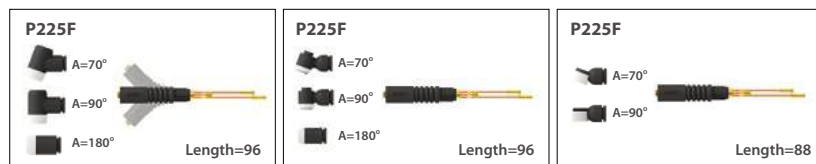
Rating: 180A DC, 125A AC, @ 60%

SGT A200(P17 series heads)

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

Suregrip SGT W225 Flex Series Torch Body Options

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



SGT W225 (P18 series heads)

Rating: 225A DC, 160A AC, @ 100%

SGT W225 (P20 series heads)

Rating: 200A DC, 140A AC, @ 100%

SGT W225 (P24 series heads)

Rating: 160A DC, 115A AC, @ 100%

Suregrip One Handle Systems

Two sizes of handle are utilized for the range with a fully interchangeable series of switch options.



Switch Interchangeability

Switches are "plug and play" and can be exchanged in seconds without the use of tools.



Open Canopy

Remove Switch

Switch Replacement

Canopy Replacement

Close Canopy

Switch Modules

Torch packages are supplied with a 5 core "plug and play" switch wire assembly and a momentary switch as standard.

- Torch packages can be ordered with or without switches.
- All switch options interchange across the range.
- All replacement switch kits include switch modules and housings.



Part No.	Description
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1	PERBS	Blank Kit
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Part No.	Description
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2	PER1MS	Momentary Kit
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Part No.	Description
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3	PER1LS	Lever Momentary Kit
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Part No.	Description
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4	PER1MT	Maintained Switch Kit
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Part No.	Description
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5	PER2MS	2 Button Momentary Kit
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Part No.	Description
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6	PER3MS	3 Button Momentary Kit
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Part No.	Description
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7	PER4MS	4 Button Momentary Kit
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Part No.	Description
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8	PER1MS-1	Button Momentary Kit+1K Vertical Potentiometer
	PER1MS-5	Button Momentary Kit+5K Vertical Potentiometer
	PER1MS-10	Button Momentary Kit+10K Vertical Potentiometer
	PER1MS-25	Button Momentary Kit+25K Vertical Potentiometer

Part No.	Description
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9	PER1MT-1	Button Maintained Kit+1K Vertical Potentiometer
	PER1MT-5	Button Maintained Kit+5K Vertical Potentiometer
	PER1MT-10	Button Maintained Kit+10K Vertical Potentiometer
	PER1MT-25	Button Maintained Kit+25K Vertical Potentiometer

Part No.	Description
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10	PER1MS-1H	Button Momentary Kit+1K Horizontal Potentiometer
	PER1MS-5H	Button Momentary Kit+5K Horizontal Potentiometer
	PER1MS-10H	Button Momentary Kit+10K Horizontal Potentiometer
	PER1MS-25H	Button Momentary Kit+25K Horizontal Potentiometer

Part No.	Description
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11	PER1MT-1H	Button Maintained Kit+1K Horizontal Potentiometer
	PER1MT-5H	Button Maintained Kit+5K Horizontal Potentiometer
	PER1MT-10H	Button Maintained Kit+10K Horizontal Potentiometer
	PER1MT-25H	Button Maintained Kit+25K Horizontal Potentiometer

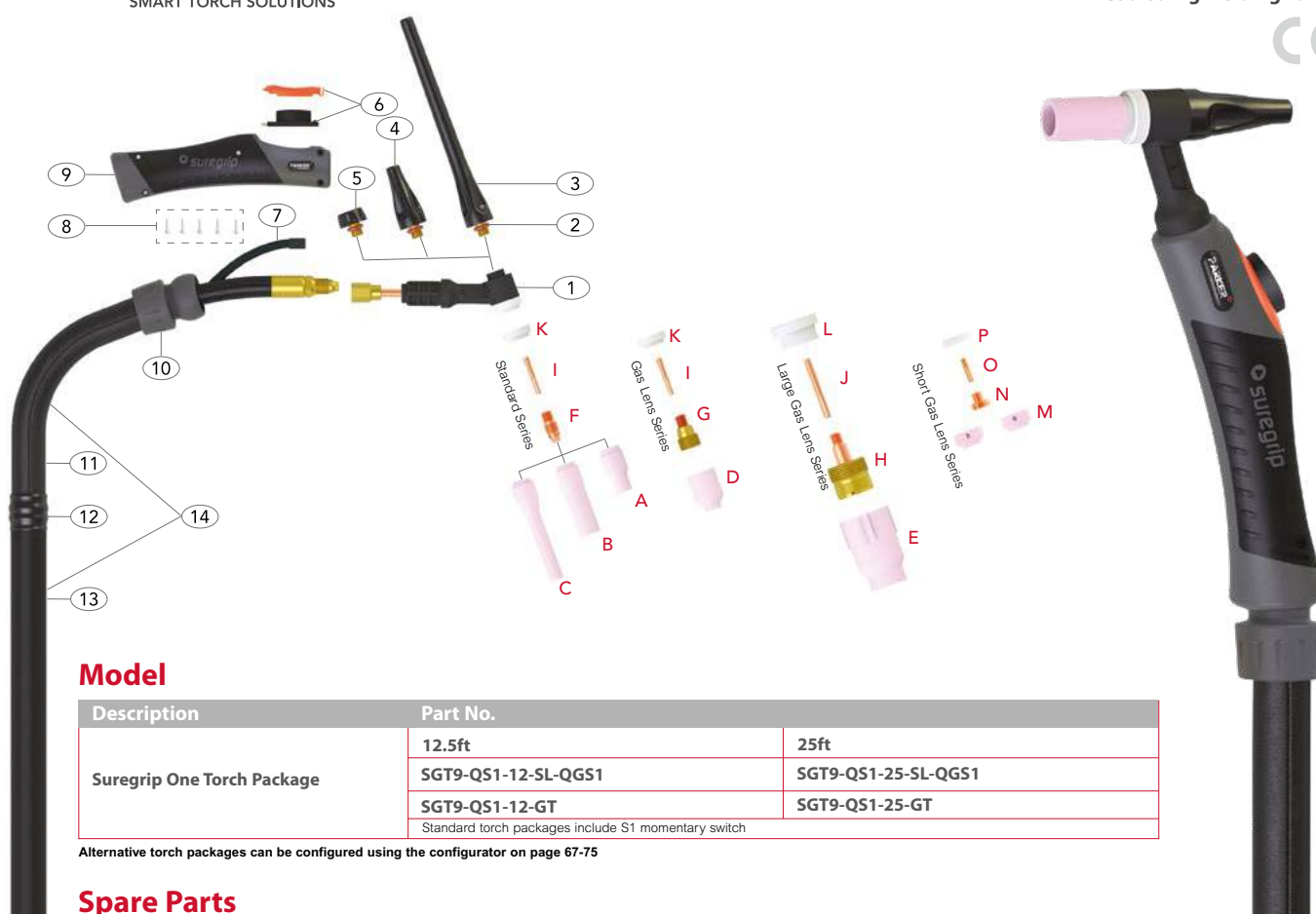
Part No.	Description
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12	PER1MTS-1H	Rotate on/off 1K Potentiometer Switch Kit
	PER1MTS-5H	Rotate on/off 5K Potentiometer Switch Kit
	PER1MTS-10H	Rotate on/off 10K Potentiometer Switch Kit
	PER1MTS-25H	Rotate on/off 25K Potentiometer Switch Kit

SGT 9 Suregrip One Tig Torch Range

Rating: 125A DC, 90A AC @ 35% duty cycle. Electrode Size: 1.0-2.4mm / 0.040"-3/32"

Air-Cooled Tig Welding Torch



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT9-QS1-12-SL-QGS1	SGT9-QS1-25-SL-QGS1
	SGT9-QS1-12-GT	SGT9-QS1-25-GT
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

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 PER1MS	Momentary Kit
7 PERSWLQ4	Switch Lead 12.5ft
PERSWLQ8	Switch Lead 25ft
8 PERSP1	Screw Pack
9 PERH100	Suregrip Small Ergo Tig Handle
10 PERKJ100	Small Knuckle Joint and Lock Nut
11 PERLC100-08	Leather Cover x 0.8mt
12 PERJK100	Jointing Repair Kit
13 PERNCS-32	Neoprene Cover x 3.2mt
PERNCS-72	Neoprene Cover x 7.2mt

Part No.	Description
14 PERCO100-40	Sheath x 12.5ft Inc Leather Cover
PERCO100-80	Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 85 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 9 Suregrip One Tig Torch Range

Rating: 125A DC, 90A AC @ 35% duty cycle. Electrode Size: 1.0-2.4mm / 0.040"-3/32"

Air-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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

G 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

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	Electrode 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 Insulators

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

M Short Gas Lens Ceramic Cup New

Part No.	Description	Size	Bore A	
			mm	inch
P53N59ES	Short Gas Lens Ceramic Cup	5	8	5/16
P53N60ES	Short Gas Lens Ceramic Cup	6	10	3/8

N Short Gas Lens Ceramic Body New

Part No.	Description	Electrode Size	
		mm	inch
P45V42ES	Short Gas Lens Body	1.0	0.040
P45V43ES	Short Gas Lens Body	1.6	1/16
P45V44ES	Short Gas Lens Body	2.4	3/32
P45V45ES	Short Gas Lens Body	3.2	1/8

O Short Collet Bodies New

Part No.	Description	Electrode Size	
		mm	inch
P13N21ES	Short Collet	1.0	0.040
P13N22ES	Short Collet	1.6	1/16
P13N23ES	Short Collet	2.4	3/32
P13N24ES	Short Collet	3.2	1/8

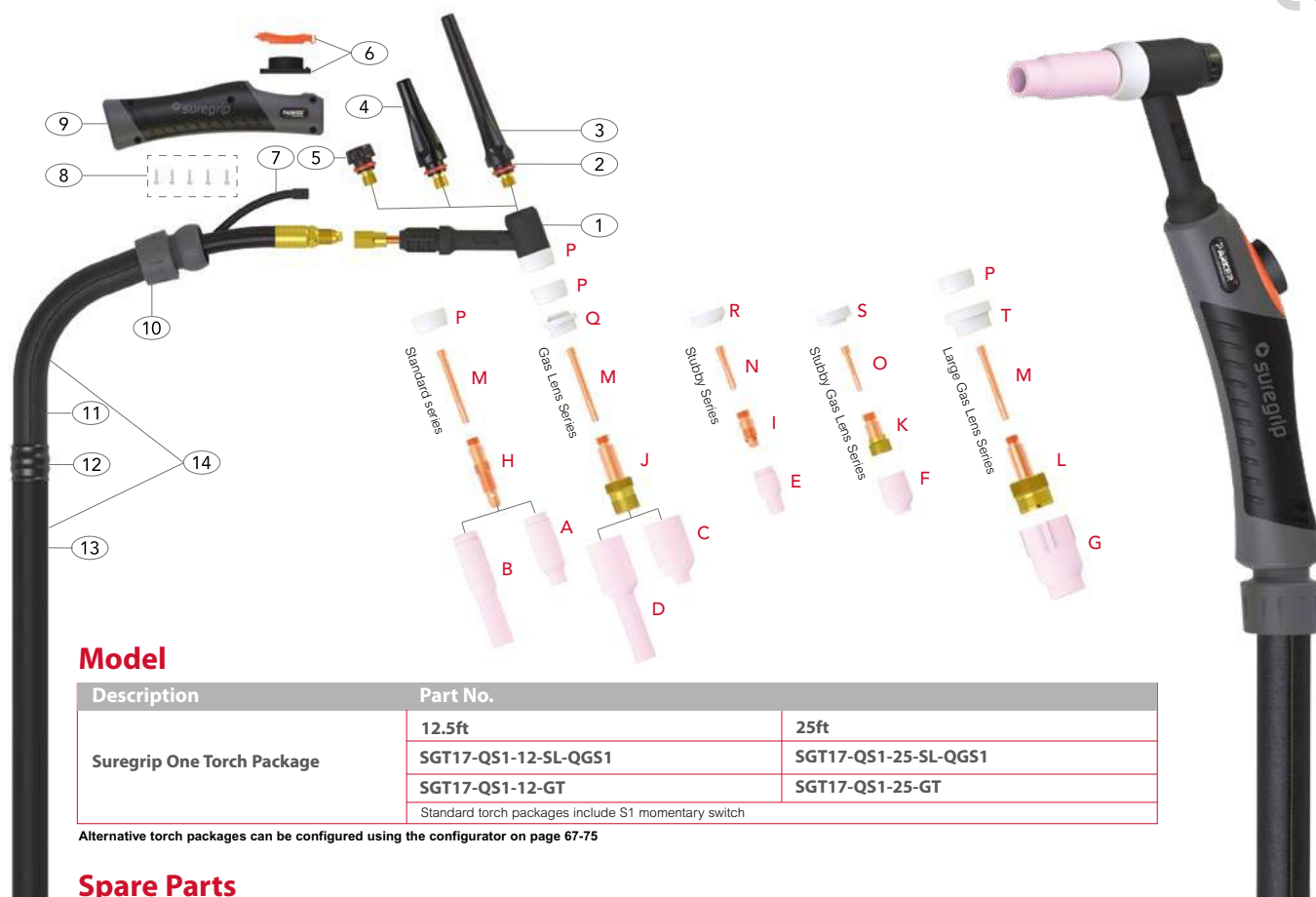
P Short Cup Insulator New

Part No.	Description
P598882ES	Short Cup Insulator

SGT 17 Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT17-QS1-12-SL-QGS1	SGT17-QS1-25-SL-QGS1
	SGT17-QS1-12-GT	SGT17-QS1-25-GT
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

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	PER1MS Momentary Kit
7	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
8	PERSP1 Screw Pack
9	PERH100 Suregrip Small Ergo Tig Handle
10	PERKJ100 Small Knuckle Joint and Lock Nut
11	PERLC100-08 Leather Cover x 0.8mt
12	PERJK100 Jointing Repair Kit
13	PERNCS-32 Neoprene Cover x 3.2mt
	PERNCS-72 Neoprene Cover x 7.2mt

Part No.	Description
14	PERCO100-40 Sheath x 12.5ft Inc Leather Cover
	PERCO100-80 Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 86 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 17 Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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 Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Electrode 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
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	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
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 Gas Lens 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

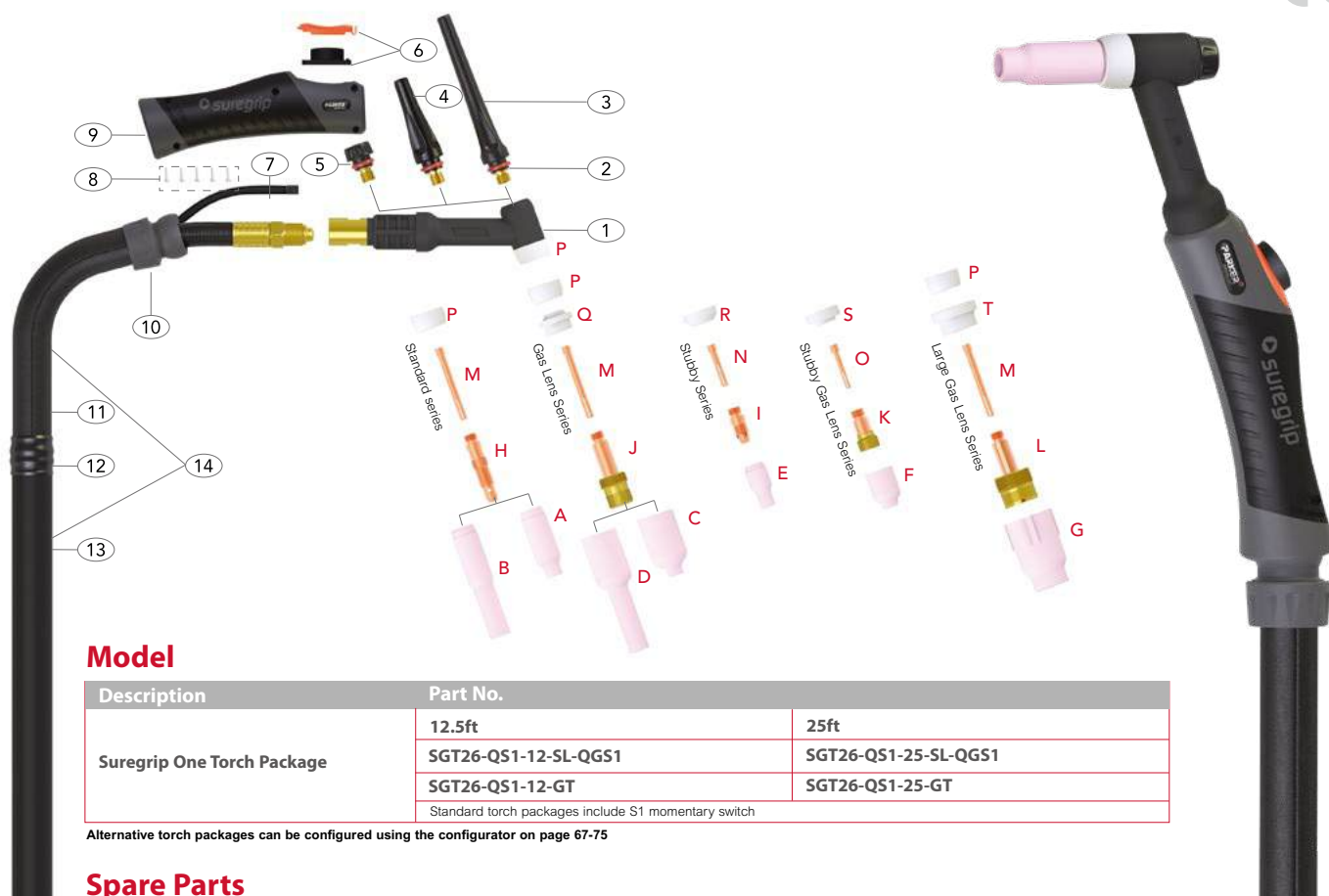
Gas Lens Insulators

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

SGT 26 Suregrip One 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



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT26-QS1-12-SL-QGS1	SGT26-QS1-25-SL-QGS1
	SGT26-QS1-12-GT	SGT26-QS1-25-GT
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

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	PER1MS Momentary Kit
7	PERSWLQ4 Switch Lead 12.5ft
8	PERSWLQ8 Switch Lead 25ft
9	PERSP1 Screw Pack
10	PERH200 Suregrip Large Ergo Tig Handle
11	PERKJ200 Large Knuckle Joint and Lock Nut
12	PERLC200-08 Leather Cover x 0.8mt
13	PERJK200 Jointing Repair Kit

Part No.	Description
13	PERNCL-32 Neoprene Cover x 3.2mt
	PERNCL-72 Neoprene Cover x 7.2mt
14	PERCO200-40 Sheath x 12.5ft Inc Leather Cover
	PERCO200-80 Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 86 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 26 Suregrip One 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

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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 Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Electrode 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
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	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
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 Gas Lens 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

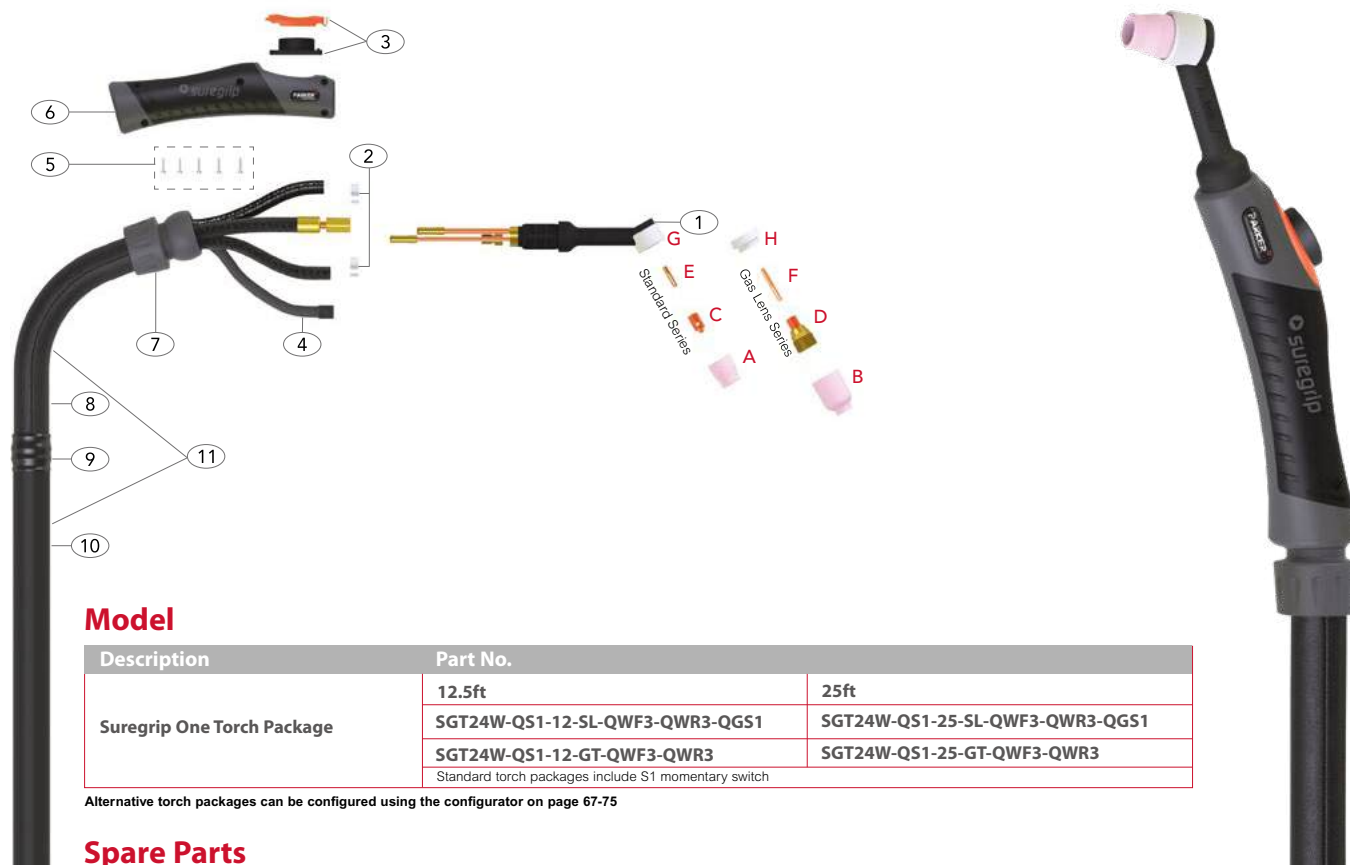
Gas Lens Insulators

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

SGT 24W Suregrip One Tig Torch Range

Rating: 180A DC, 125A AC @ 100% duty cycle. Electrode Size: 0.5-2.4mm / 0.020"-3/32"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT24W-QS1-12-SL-QWF3-QWR3-QGS1	SGT24W-QS1-25-SL-QWF3-QWR3-QGS1
	SGT24W-QS1-12-GT-QWF3-QWR3	SGT24W-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1	PWP24W Torch Body Standard
2	P15400020 Hose Clamp 8.7mm
3	PER1MS Momentary Kit
4	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
5	PERSP1 Screw Pack
6	PERH100N Suregrip Small Ergo Tig Handle
7	PERKJ100 Small Knuckle Joint and Lock Nut
8	PERLC150-08 Leather Cover x 0.8mt
9	PERJK200 Jointing Repair Kit

Part No.	Description
10	PERNCM-32 Neoprene Cover x 3.2mt
	PERNCM-72 Neoprene Cover x 7.2mt
11	PERCO150S-40 Sheath x 12.5ft Inc Leather Cover
	PERCO150S-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 24W Suregrip One Tig Torch Range

Rating: 180A DC, 125A AC @ 100% duty cycle. Electrode Size: 0.5-2.4mm / 0.020"-3/32"

Liquid-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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

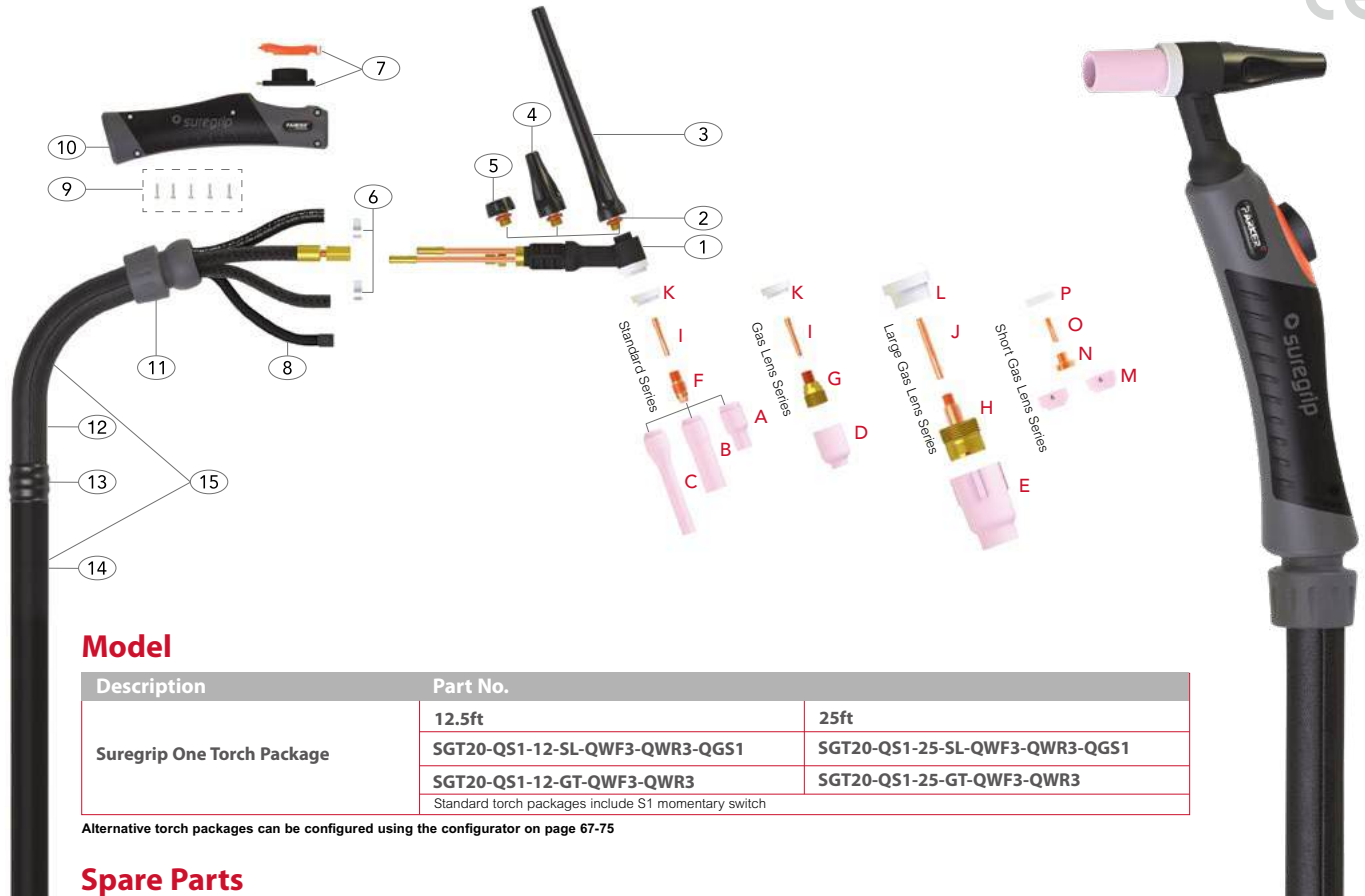
Part No.	Description	Electrode Size	
		mm	inch
P53N16	Standard Collet	1.0	0.040
P53N14	Standard Collet	1.6	1/16
P24C332	Standard Collet	2.4	3/32

F Gas Lens Collets

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

Gas Lens Insulators

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



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT20-QS1-12-SL-QWF3-QWR3-QGS1	SGT20-QS1-25-SL-QWF3-QWR3-QGS1
	SGT20-QS1-12-GT-QWF3-QWR3	SGT20-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description	
1	PWP20S	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	P15400020	Hose Clamp 8.7mm
7	PER1MS	Momentary Kit
8	PERSWLQ4	Switch Lead 12.5ft
	PERSWLQ8	Switch Lead 25ft
9	PERSP1	Screw Pack
10	PERH100N	Suregrip Small Ergo Tig Handle

Part No.	Description	
11	PERKJ100	Small Knuckle Joint and Lock Nut
12	PERLC150-08	Leather Cover x 0.8mt
13	PERJK200	Jointing Repair Kit
14	PERNCM-32	Neoprene Cover x 3.2mt
	PERNCM-72	Neoprene Cover x 7.2mt
15	PERCO150S-40	Sheath x 12.5ft Inc Leather Cover
	PERCO150S-80	Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 85 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 20 Suregrip One Tig Torch Range

Rating: 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"
Liquid-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	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
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	Electrode 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 Insulators

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

M Short Gas Lens Ceramic Cup New

Part No.	Description	Size	Bore A	
			mm	inch
P53N59ES	Short Gas Lens Ceramic Cup	5	8	5/16
P53N60ES	Short Gas Lens Ceramic Cup	6	10	3/8

N Short Gas Lens Body New

Part No.	Description	Electrode Size	
		mm	inch
P45V42ES	Short Gas Lens Body	1.0	0.040
P45V43ES	Short Gas Lens Body	1.6	1/16
P45V44ES	Short Gas Lens Body	2.4	3/32
P45V45ES	Short Gas Lens Body	3.2	1/8

O Short Collet Bodies New

Part No.	Description	Electrode Size	
		mm	inch
P13N21ES	Short Collet	1.0	0.040
P13N22ES	Short Collet	1.6	1/16
P13N23ES	Short Collet	2.4	3/32
P13N24ES	Short Collet	3.2	1/8

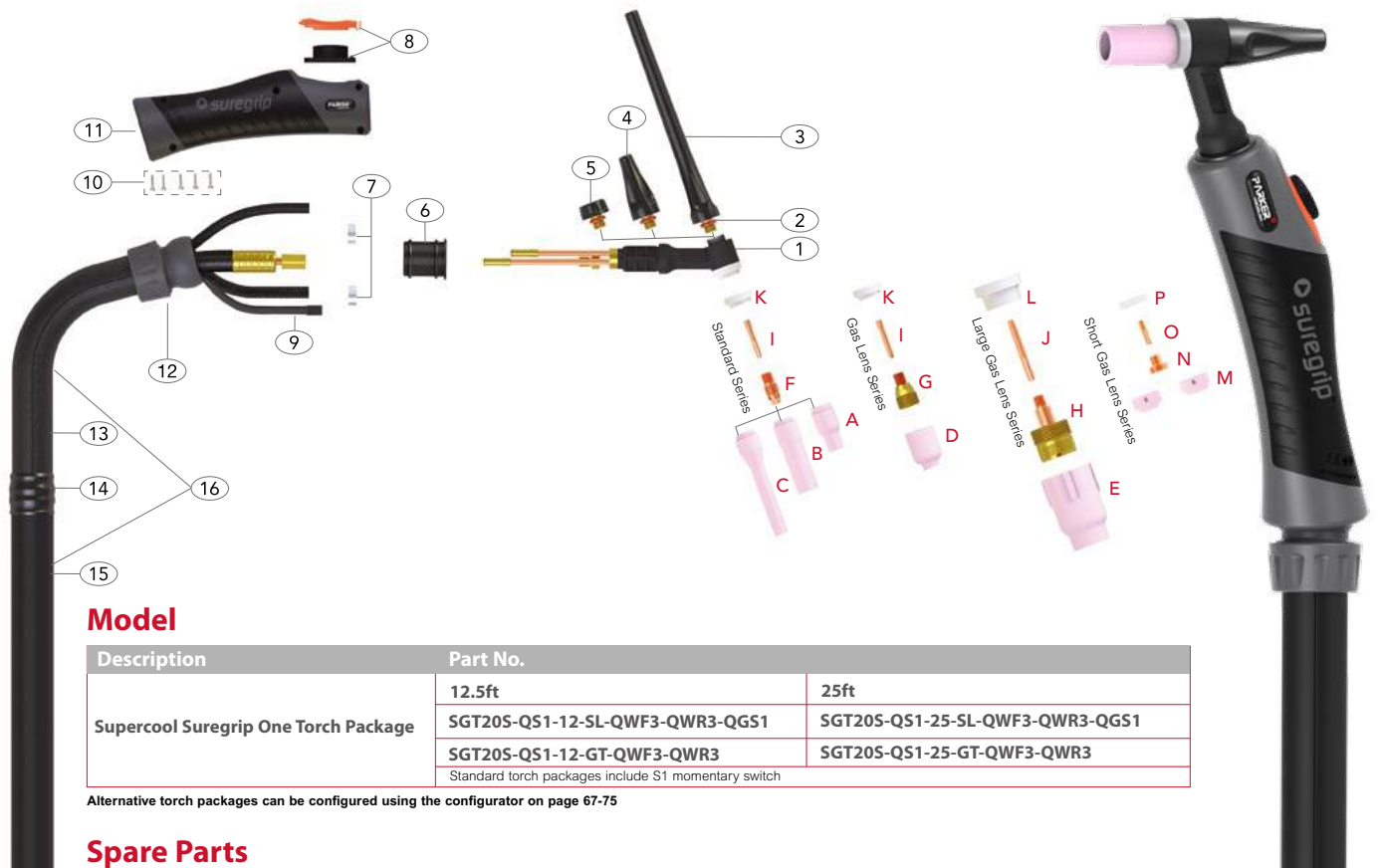
P Short Cup Insulator New

Part No.	Description
P598882ES	Short Cup Insulator

SGT 20S Supercool Suregrip One Tig Torch Range

Rating: 340A DC, 240A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
Supercool Suregrip One Torch Package	12.5ft	25ft
	SGT20S-QS1-12-SL-QWF3-QWR3-QGS1	SGT20S-QS1-25-SL-QWF3-QWR3-QGS1
	SGT20S-QS1-12-GT-QWF3-QWR3	SGT20S-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

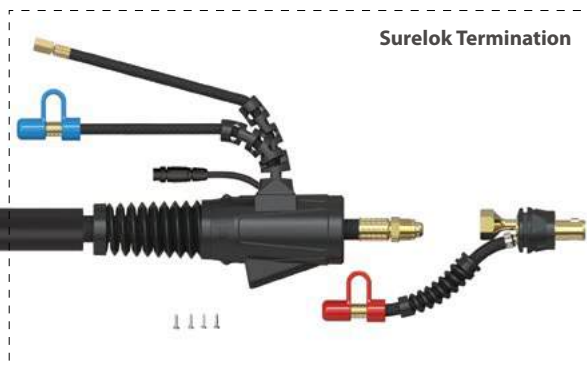
Spare Parts

Part No.	Description
1	PWP20S 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	PMIG-WP17-RING-KIT Location Sleeve Assembly
7	P15400020 Hose Clamp 8.7mm
8	PER1MS Momentary Kit
9	PERSWLQ4 Trigger Lead 12.5ft
	PERSWLQ8 Trigger Lead 25ft
10	PERSP1 Screw Pack
11	PERH200N Suregrip Large Ergo Tig Handle

Part No.	Description
12	PERKJ200 Large Knuckle Joint and Lock Nut
13	PERLC200-08 Leather Cover x 0.8mt
14	PERJK200 Jointing Repair Kit
15	PERNCL-32 Neoprene Cover Assembly x 3.2mt
	PERNCL-72 Neoprene Cover Assembly x 3.2mt
16	PERCO200-40 Sheath x 12.5ft Inc Leather Cover
	PERCO200-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 20S Supercool Suregrip One Tig Torch Range

Rating: 340A DC, 240A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Liquid-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	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
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	Electrode 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 Insulators

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

M Short Gas Lens Ceramic Cup New

Part No.	Description	Size	Bore A	
			mm	inch
P53N59ES	Short Gas Lens Ceramic Cup	5	8	5/16
P53N60ES	Short Gas Lens Ceramic Cup	6	10	3/8

N Short Gas Lens Body New

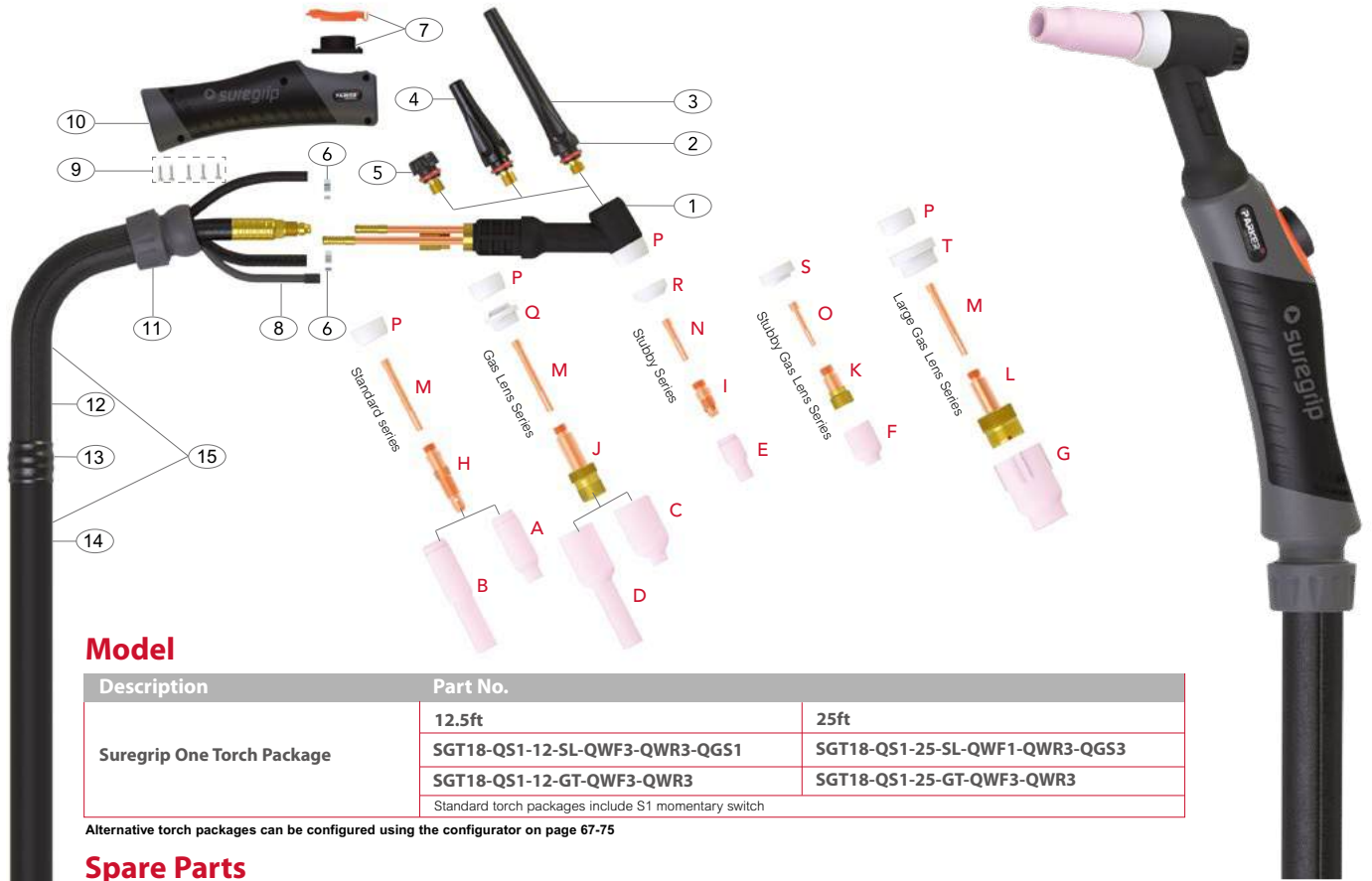
Part No.	Description	Electrode Size	
		mm	inch
P45V42ES	Short Gas Lens Body	1.0	0.040
P45V43ES	Short Gas Lens Body	1.6	1/16
P45V44ES	Short Gas Lens Body	2.4	3/32
P45V45ES	Short Gas Lens Body	3.2	1/8

O Short Collet Bodies New

Part No.	Description	Electrode Size	
		mm	inch
P13N21ES	Short Collet Body	1.0	0.040
P13N22ES	Short Collet Body	1.6	1/16
P13N23ES	Short Collet Body	2.4	3/32
P13N24ES	Short Collet Body	3.2	1/8

P Short Cup Insulator New

Part No.	Description
P598882ES	Short Cup Insulator



Model

Description	Part No.	
Suregrip One Torch Package	12.5ft	25ft
	SGT18-QS1-12-SL-QWF3-QWR3-QGS1	SGT18-QS1-25-SL-QWF1-QWR3-QGS3
	SGT18-QS1-12-GT-QWF3-QWR3	SGT18-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

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	P15400022	Hose Clamp 9.5mm
7	PER1MS	Momentary Kit
8	PERSWLQ4	Switch Lead 12.5ft
	PERSWLQ8	Switch Lead 25ft
9	PERSP1	Screw Pack
10	PERH200N	Suregrip Large Ergo Tig Handle

Part No.	Description	
11	PERKJ200	Large Knuckle Joint and Lock Nut
12	PERLC200-08	Leather Cover x 0.8mt
13	PERJK200	Jointing Repair Kit
14	PERNCL-32	Neoprene Cover x 3.2mt
	PERNCL-72	Neoprene Cover x 7.2mt
15	PERCO200-40	Sheath x 12.5ft Inc Leather Cover
	PERCO200-80	Sheath x 25ft Inc Leather Cover

Need a Clear View?

Refer to Page 87 for Quartz Tig Consumable Kits

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 18 Suregrip One Tig Torch Range

Rating: 380A DC, 270A AC @ 100% 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	Bore A	
			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	Bore A	
			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 Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Bore A	
			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	Electrode 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
P406488	Standard Collet Body	4.0	5/32

I Stubby Collet Bodies

Part No.	Description	Bore
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	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

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 Gas Lens 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

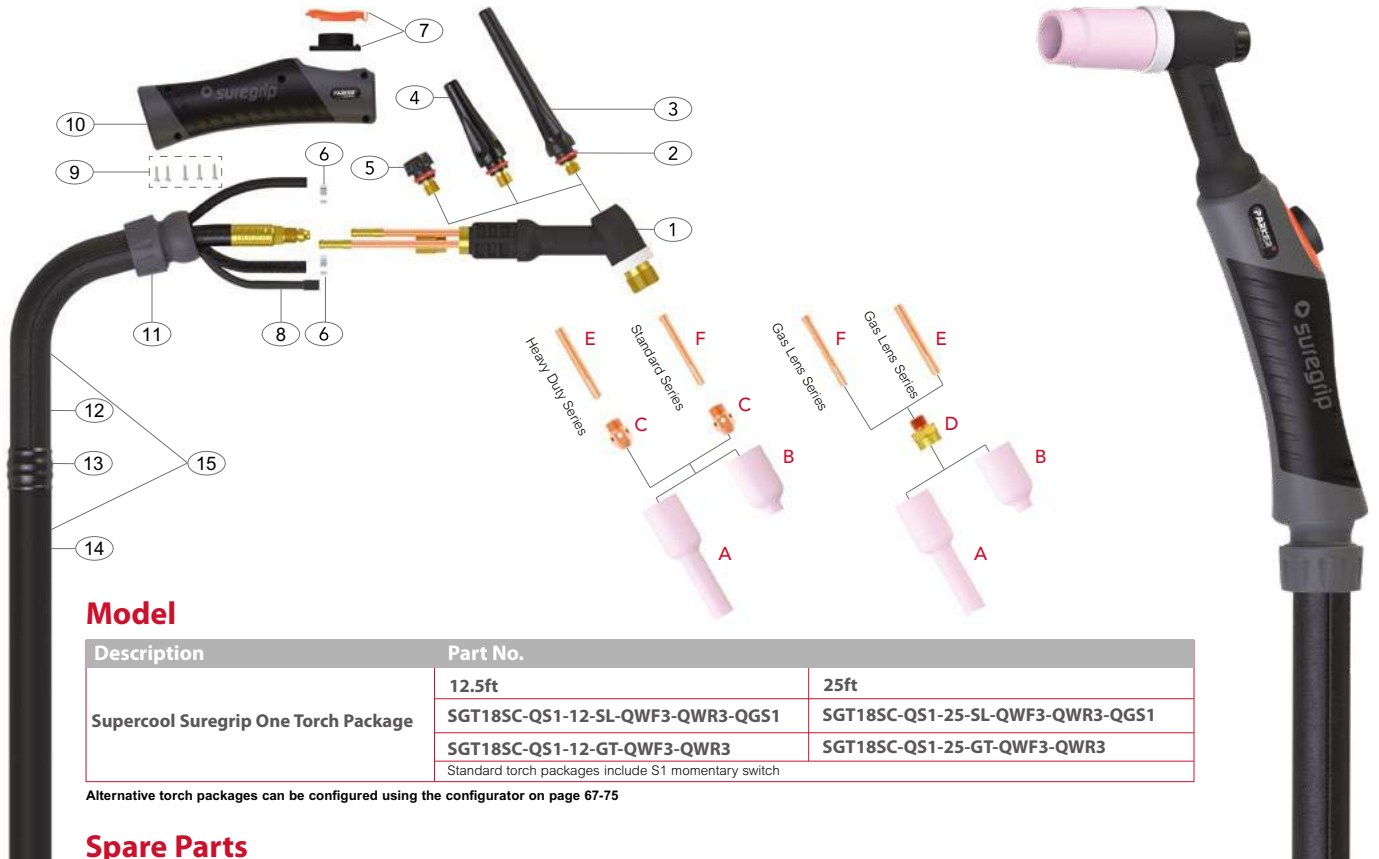
Gas Lens Insulators

Part No.	Description
P18CG	Standard Cup Insulator
P54N01	Standard Gas Lens Cup Insulator
P18CG20	Stubby Cup Insulator
PSTB80300236	Stubby Gas Lens Cup Insulator
P54N63	Large Gas Lens Cup Insulator

SGT 18SC Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
Supercool Suregrip One Torch Package	12.5ft	25ft
	SGT18SC-QS1-12-SL-QWF3-QWR3-QGS1	SGT18SC-QS1-25-SL-QWF3-QWR3-QGS1
	SGT18SC-QS1-12-GT-QWF3-QWR3	SGT18SC-QS1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

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	P15400022 Hose Clamp 9.5mm
7	PER1MS Momentary Kit
8	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
9	PERSP1 Screw Pack
10	PERH200N Suregrip Large Ergo Tig Handle
11	PERKJ200 Large Knuckle Joint and Lock Nut

Part No.	Description
12	PERLC200-08 Leather Cover x 0.8mt
13	PERJK200 Jointing Repair Kit
14	PERNCL-32 Neoprene Cover x 3.2mt
	PERNCL-72 Neoprene Cover x 7.2mt
15	PERCO200-40 Sheath x 12.5ft Inc Leather Cover
	PERCO200-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 18SC Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% 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	Bore A	
			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	Bore A	
			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 Nose Collet Bodies

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

D Gas Lens Bodies

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

E Heavy Duty Collets

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

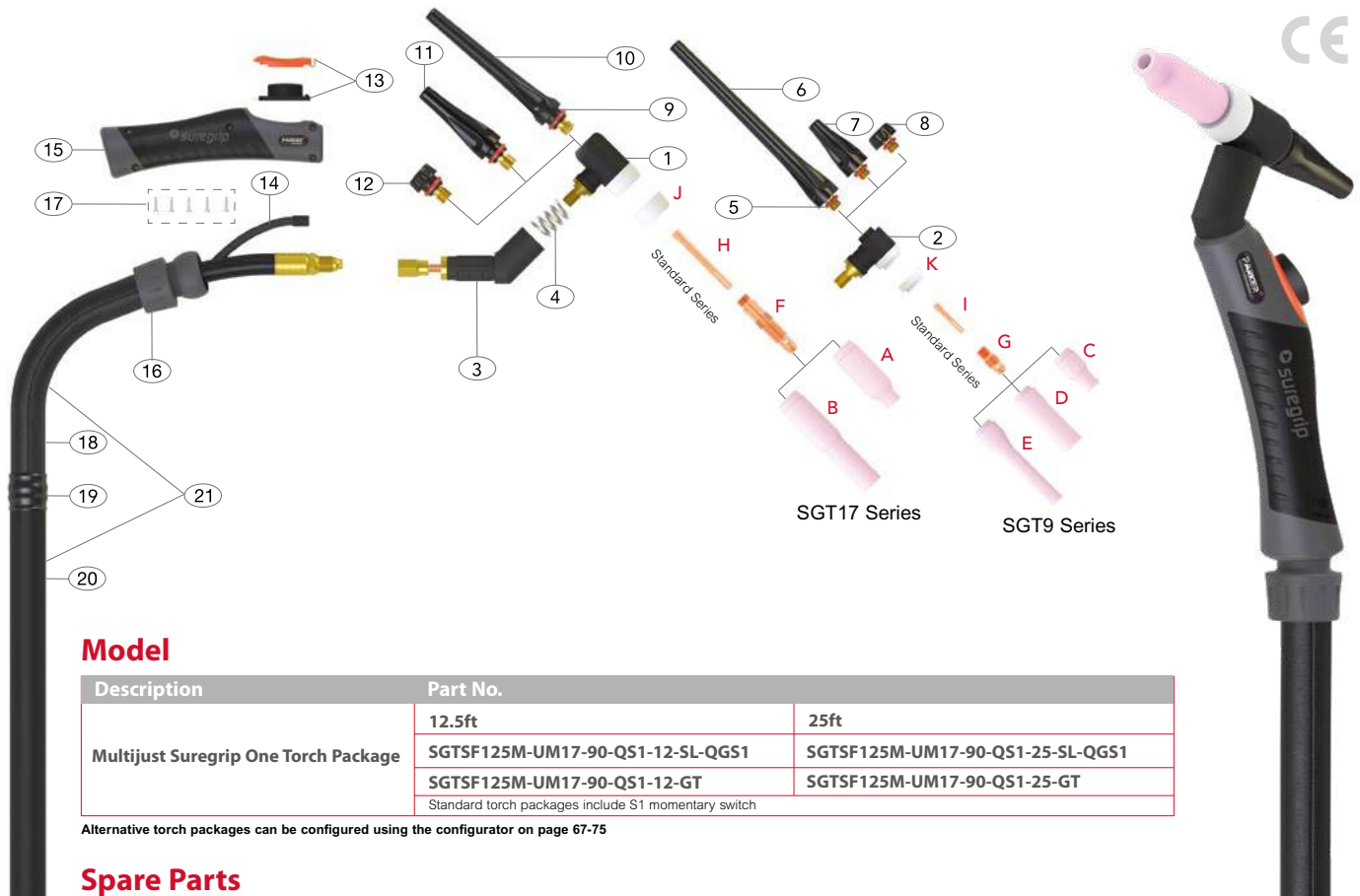
F Standard Collets

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

SGT 125M Multijust Suregrip One Tig Torch Range

Rating: PM9-90 head 95A DC, 65A AC @ 35% duty cycle. Electrode Size: 1.0-2.4mm / 0.040"-3/32"
Rating: PM17-90 head 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Model

Description	Part No.	
Multijust Suregrip One Torch Package	12.5ft	25ft
	SGTSF125M-UM17-90-QS1-12-SL-QGS1	SGTSF125M-UM17-90-QS1-25-SL-QGS1
	SGTSF125M-UM17-90-QS1-12-GT	SGTSF125M-UM17-90-QS1-25-GT
Standard torch packages include S1 momentary switch		

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1	PM17-90 Torch Head 90° (Standard Set-up)
2	PM9-90 Torch Head 90°
3	P125M Torch Body
4	P4276270 Spring
5	P98W77 Back Cap 'O' Ring
6	P41V24 Back Cap Long
7	P41V35 Back Cap Medium
8	P41V33 Back Cap Short
9	P98W18 Back Cap 'O' Ring
10	P57Y02 Back Cap Long
11	P300M Back Cap Medium
12	P57Y04 Back Cap Short
13	PER1MS Momentary Kit
14	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
15	PERH100N Suregrip Small Ergo Tig Handle
16	PERKJ100 Small Knuckle Joint and Lock Nut

Part No.	Description
17	PERSP1 Screw Pack
18	PERLC100-08 Leather Cover x 0.8mt
19	PERJK100 Jointing Repair Kit
20	PERNCS-32 Neoprene Cover x 3.2mt
	PERNCS-72 Neoprene Cover x 7.2mt
21	PERCO100-40 Sheath x 12.5ft Inc Leather Cover
	PERCO100-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 125M Multijust Suregrip One Tig Torch Range

Rating: PM9-90 head 95A DC, 65A AC @ 35% duty cycle. Electrode Size: 1.0-2.4mm / 0.040"-3/32"

Rating: PM17-90 head 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch

Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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	Bore A	
			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 Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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

D Standard Long Ceramic Cups

Part No.	Description	Size	Bore A	
			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

E Standard Extra Long Ceramic Cups

Part No.	Description	Size	Bore A	
			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

F Standard Collet Bodies

Part No.	Description	Electrode 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

G 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

H 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

I Standard Collets

Part No.	Description	Electrode 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 Standard Cup Insulator

Part No.	Description
P18CG	Standard Cup Insulator

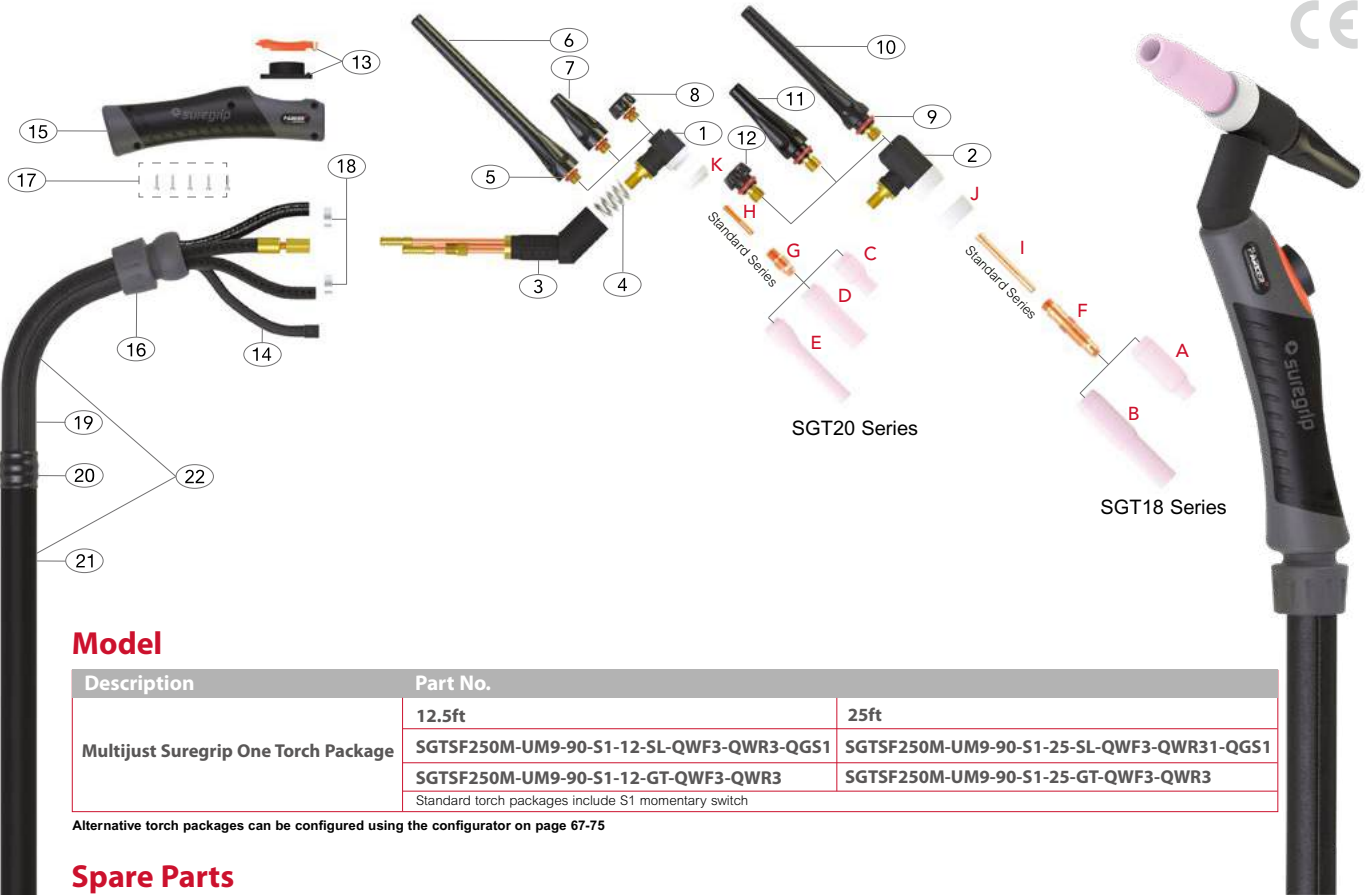
K Stubby Gas Lens Cup Insulator

Part No.	Description
P598882	Stubby Gas Lens Cup Insulator

SGT 250M Multijust Suregrip One Tig Torch Range

Rating: PM9-90 head 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"
Rating: PM17-90 head 250A DC, 175A AC @ 100% duty cycle. Electrode Size: 1.0-4.0mm / 0.040"-5/32"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
Multijust Suregrip One Torch Package	12.5ft	25ft
	SGTSF250M-UM9-90-S1-12-SL-QWF3-QWR3-QGS1	SGTSF250M-UM9-90-S1-25-SL-QWF3-QWR31-QGS1
	SGTSF250M-UM9-90-S1-12-GT-QWF3-QWR3	SGTSF250M-UM9-90-S1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1	PM9-90 Torch Head 90° (Standard Set-up)
2	PM17-90 Torch Head 90°
3	P250M Torch Body
4	P4276270 Spring
5	P98W77 Back Cap 'O' Ring
6	P41V24 Back Cap Long
7	P41V35 Back Cap Medium
8	P41V33 Back Cap Short
9	P98W18 Back Cap 'O' Ring
10	P57Y02 Back Cap Long
11	P300M Back Cap Medium
12	P57Y04 Back Cap Short
13	PER1MS Momentary Kit

Part No.	Description
14	PERSWLQ4 Switch Lead 12.5ft
	PERSWLQ8 Switch Lead 25ft
15	PERH100N Suregrip Small Ergo Tig Handle
16	PERKJ100 Small Knuckle Joint and Lock Nut
17	PERSP1 Screw Pack
18	P15400020 Hose Clamp 8.7mm
19	PERLC150-08 Leather Cover x 0.8mt
20	PERJK200 Jointing Repair Kit
21	PERNCM-32 Neoprene Cover x 3.2 mt
	PERNCM-72 Neoprene Cover x 7.2mt
22	PERCO150S-40 Sheath x 12.5ft Inc Leather Cover
	PERCO150S-80 Sheath x 25ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT 250M Multijust Suregrip One Tig Torch Range

Rating: PM9-90 head 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Rating: PM17-90 head 250A DC, 175A AC @ 100% 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	Bore A	
			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	Bore A	
			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 Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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

D Standard Long Ceramic Cups

Part No.	Description	Size	Bore A	
			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

E Standard Extra Long Ceramic Cups

Part No.	Description	Size	Bore A	
			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

F Standard Collet Bodies

Part No.	Description	Electrode 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
P406488	Standard Collet Body	4.0	5/32

G 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

H Standard Collets

Part No.	Description	Electrode 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

I 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

J Standard Cup Insulator

Part No.	Description
P18CG	Standard Cup Insulator

K Stubby Gas Lens Cup Insulator

Part No.	Description
P598882	Stubby Gas Lens Cup Insulator

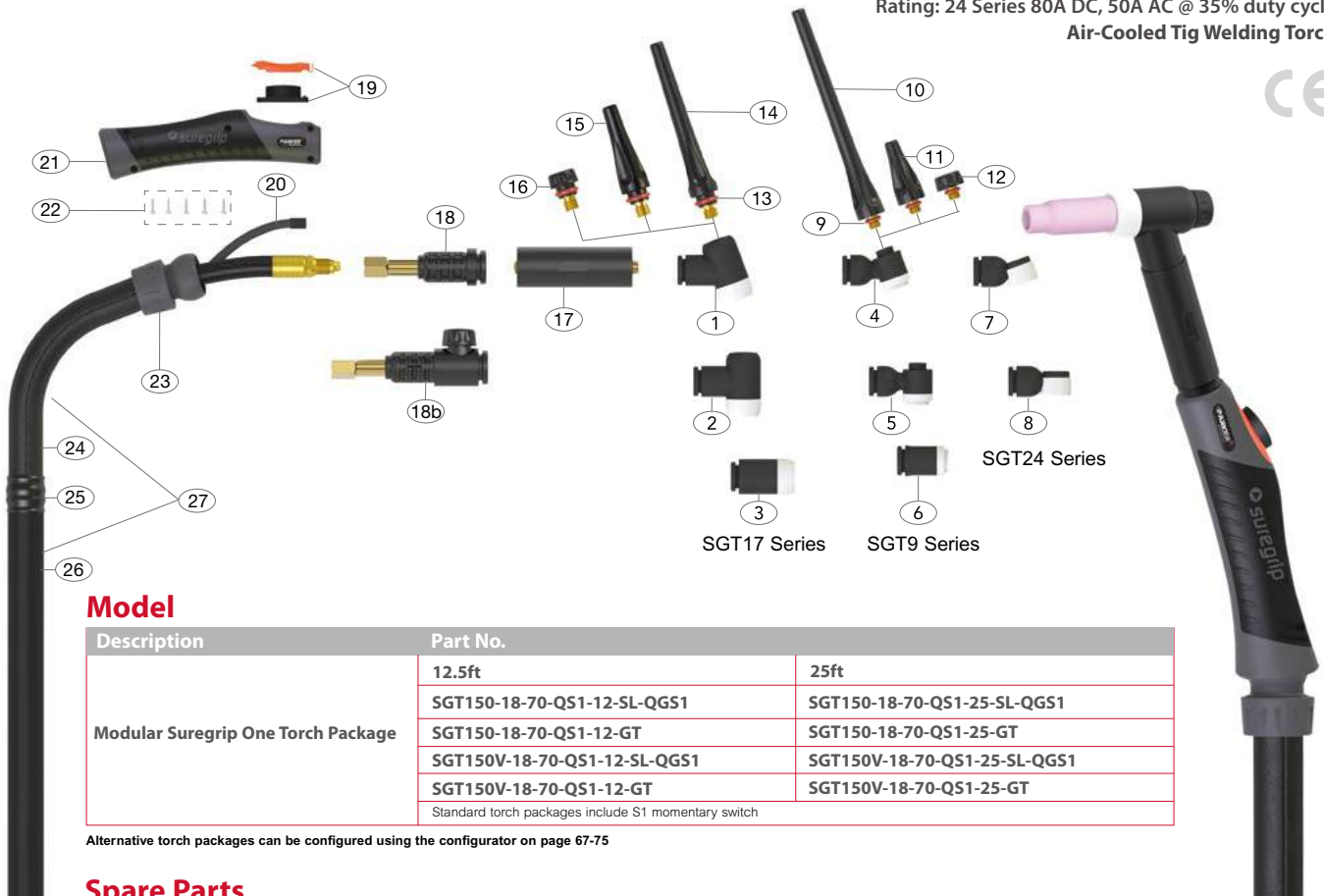
SGT A150 Modular Suregrip One Tig Torch Range

Rating: 17 Series 150A DC, 115A AC @ 35% duty cycle

Rating: 9 Series 125A DC, 100A AC @ 35% duty cycle

Rating: 24 Series 80A DC, 50A AC @ 35% duty cycle

Air-Cooled Tig Welding Torch



Model

Description	Part No.	
Modular Suregrip One Torch Package	12.5ft	25ft
	SGT150-18-70-QS1-12-SL-QGS1	SGT150-18-70-QS1-25-SL-QGS1
	SGT150-18-70-QS1-12-GT	SGT150-18-70-QS1-25-GT
	SGT150V-18-70-QS1-12-SL-QGS1	SGT150V-18-70-QS1-25-SL-QGS1
	SGT150V-18-70-QS1-12-GT	SGT150V-18-70-QS1-25-GT

Standard torch packages include S1 momentary switch

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1	P18-70 Torch Head 70° (Standard Set up)
2	P18-90 Torch Head 90°
3	P18-180 Torch Head 180°
4	P20-70 Torch Head 70°
5	P20-90 Torch Head 90°
6	P20-180 Torch Head 180°
7	P24-70 Torch Head 70°
8	P24-90 Torch Head 90°
9	P98W77 Back Cap 'O' Ring
10	P41V24 Back Cap Long
11	P41V35 Back Cap Medium
12	P41V33 Back Cap Short
13	P98W18 Back Cap 'O' Ring
14	P57Y02 Back Cap Long
15	P300M Back Cap Medium
16	P57Y04 Back Cap Short
17	P150CE Flexible Element

Part No.	Description
18	P150TB Torch Body
18b	P150VTB Valve Torch Body
19	PER1MS Momentary Kit
20	PERSWLQ4 Trigger Lead 12.5ft
	PERSWLQ8 Trigger Lead 25ft
21	PERH100 Small Ergo Tig Handle
22	PERSP1 Screw Pack
23	PERKJ100 Suregrip Small Knuckle Joint
24	PERLC100-08 Leather Cover x 0.8mt
25	PERJK100 Joint Repair Kit
26	PERNCS-32 Neoprene Cover Assembly x 3.2mt
	PERNCS-72 Neoprene Cover Assembly x 7.2mt
27	PERCO100-40 Sheath x 12.5ft Inc Leather Cover
	PERCO100-80 Sheath x 25ft Inc Leather Cover

Modular Kits

For more information please refer to Page 89-91

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



PARKER
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Air-Cooled Tig Welding Torch



Description	Part No.	
Modular Suregrip One Torch Package	12.5ft	25ft
	SGT200-18-70-S1-12-SL-GS1	SGT200-18-70-S1-25-SL-GS1
	SGT200-18-70-S1-12-GT	SGT200-18-70-S1-25-GT
	SGT200V-18-70-S1-12-SL-GS1	SGT200V-18-70-S1-25-SL-GS1
	SGT200V-18-70-S1-12-GT	SGT200V-18-70-S1-25-GT
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

	Part No.	Description
1	P18-70	Torch Head 70° (Standard Set up)
2	P18-90	Torch Head 90°
3	P18-180	Torch Head 180°
4	P20-70	Torch Head 70°
5	P20-90	Torch Head 90°
6	P20-180	Torch Head 180°
7	P24-70	Torch Head 70°
8	P24-90	Torch Head 90°
9	P98W77	Back Cap 'O' Ring
10	P41V24	Back Cap Long
11	P41V35	Back Cap Medium
12	P41V33	Back Cap Short
13	P98W18	Back Cap 'O' Ring
14	P57Y02	Back Cap Long
15	P300M	Back Cap Medium
16	P57Y04	Back Cap Short
17	P200CE	Flexible Element

	Part No.	Description
18	P200TB	Torch Body
18b	P200VTB	Valve Torch Body
19	PER1MS	Momentary Kit
20	PERSWLQ4	Trigger Lead 12.5ft
	PERSWLQ8	Trigger Lead 25ft
21	PERH200	Suregrip Large Ergo Tig Handle
22	PERSP1	Screw Pack
23	PERKJ200	Suregrip Knuckle Joint & Lock Nut
24	PERLC200-08	Leather Cover x 0.8mt
25	PERJK200	Joint Repair Kit
26	PERNCL-32	Neoprene Cover x 3.2mt
	PERNCL-72	Neoprene Cover x 7.2mt
27	PERCO200-40	Sheath x 12.5ft Inc Leather Cover
	PERCO200-80	Sheath x 25ft Inc Leather Cover

For more information please refer to Page 89-91

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



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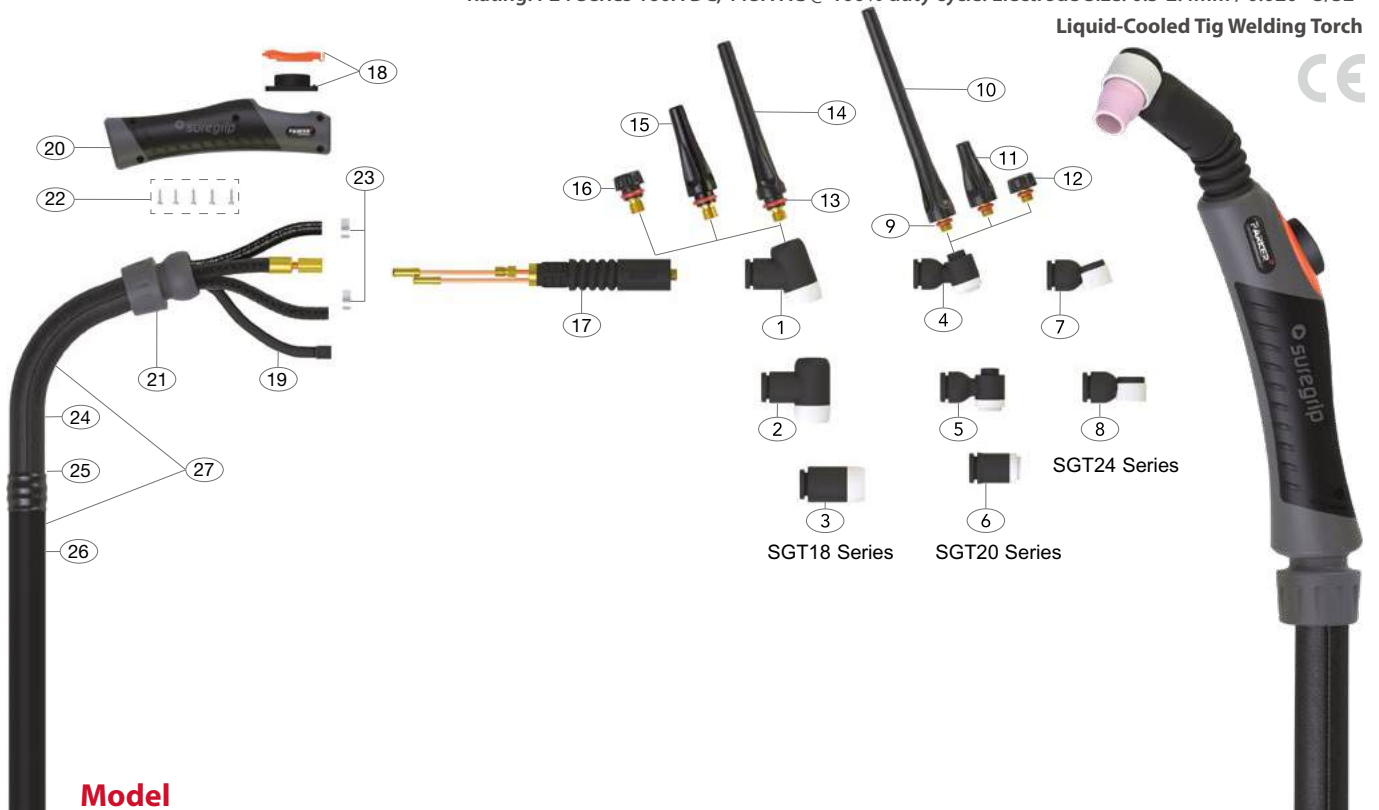
SGT W225 Modular Suregrip One Tig Torch Range

Rating: P18 Series 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Rating: P20 Series 200A DC, 140A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Rating: P24 Series 160A DC, 115A AC @ 100% duty cycle. Electrode Size: 0.5-2.4mm / 0.020"-3/32"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.	
	12.5ft	25ft
Modular Suregrip One Torch Package	SGTSF225-U20-70-QS1-12-SL-QWF3-QWR3-QGS1	SGTSF225-U20-70-S1-25-SL-QWF3-QWR3-GS1
	SGTSF225-U20-70-QS1-12-GT-QWF3-QWR3	SGTSF225-U20-70-S1-25-GT-QWF3-QWR3
	Standard torch packages include S1 momentary switch	

Alternative torch packages can be configured using the configurator on page 67-75

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGT W225 Modular Suregrip One Tig Torch Range

Rating: P18 Series 225A DC, 160A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Rating: P20 Series 200A DC, 140A AC @ 100% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Rating: P24 Series 160A DC, 115A AC @ 100% duty cycle. Electrode Size: 0.5-2.4mm / 0.020"-3/32"

Liquid-Cooled Tig Welding Torch



Spare Parts

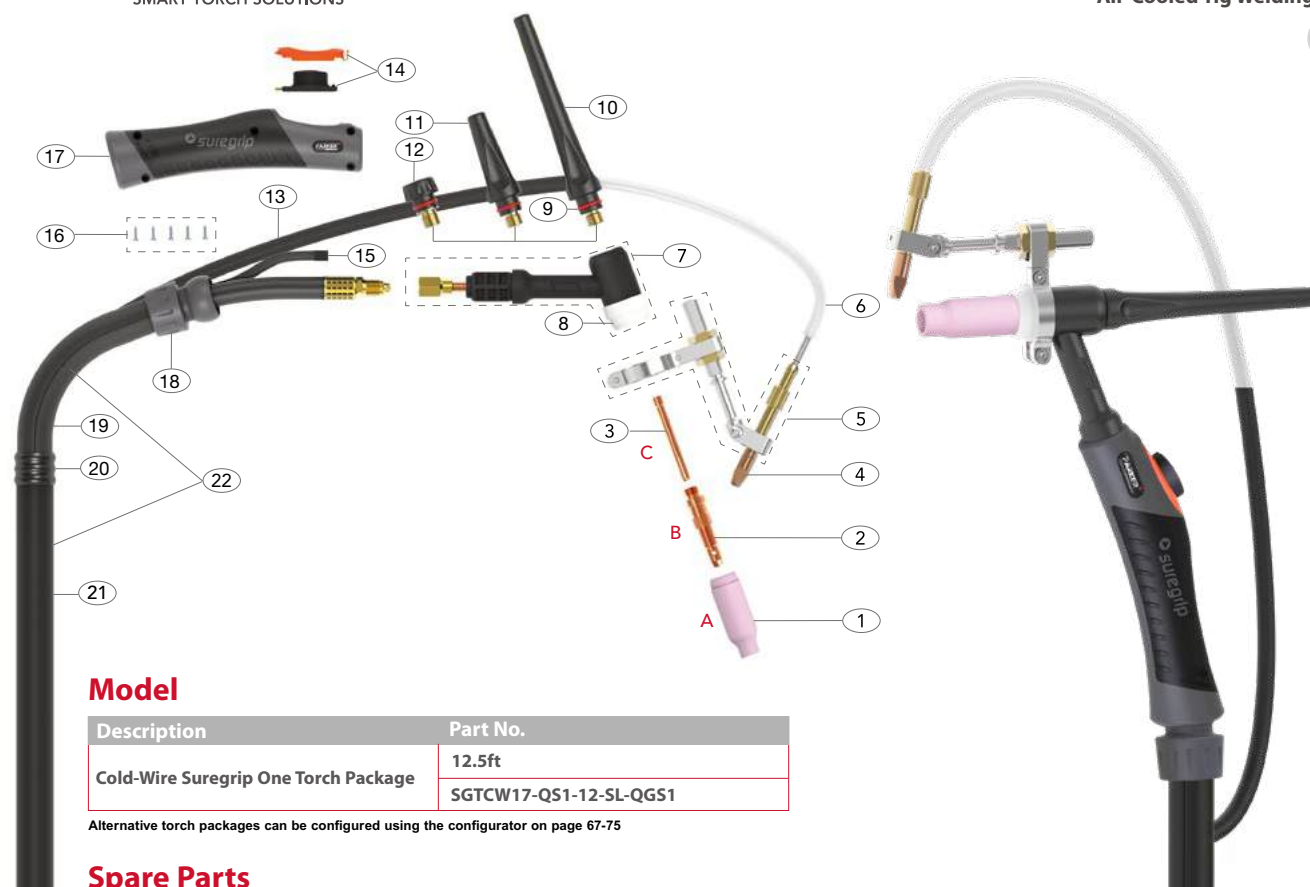
Part No.	Description
1 P18-70	Torch Head 70°
2 P18-90	Torch Head 90°
3 P18-180	Torch Head 180°
4 P20-70	Torch Head 70° (Standard Set-up)
5 P20-90	Torch Head 90°
6 P20-180	Torch Head 180°
7 P24-70	Torch Head 70°
8 P24-90	Torch Head 90°
9 P98W77	Back Cap 'O' Ring
10 P41V24	Back Cap Long
11 P41V35	Back Cap Medium
12 P41V33	Back Cap Short
13 P98W18	Back Cap 'O' Ring
14 P57Y02	Back Cap Long
15 P300M	Back Cap Medium
16 P57Y04	Back Cap Short
17 P225F	Torch Body

Part No.	Description
18 PER1MS	Momentary Kit
19 PERSWLQ4	Switch Lead 12.5ft
PERSWLQ8	Switch Lead 25ft
20 PERH100N	Suregrip Small Ergo Tig Handle
21 PERKJ100	Small Knuckle Joint and Lock Nut
22 PERSP1	Screw Pack
23 P15400020	Hose Clamp 8.7mm
24 PERLC150-08	Leather Cover x 0.8mt
25 PERJK200	Jointing Repair Kit
26 PERNCM-32	Neoprene Cover x 3.2mt
PERNCM-72	Neoprene Cover x 7.2mt
27 PERCO150S-40	Sheath x 12.5ft Inc Leather Cover
PERCO150S-80	Sheath x 25ft Inc Leather Cover

SGTCW 17 Cold-Wire Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft
	SGTCW17-QS1-12-SL-QGS1

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N47	Standard Ceramic Cup
2 P10N31M	Standard Collet Body
3 P10N23M	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW17	Torch Body CWT
8 PHCW1726CG	1726 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PB5008M-40	Outer Liner 4mt
14 PER1MS	Momentary Kit

Part No.	Description
15 PERSWL4	Trigger Lead 12.5ft
16 PERSP1	Screw Pack
17 PERH100	Suregrip Small Ergo Tig Handle
18 PERKJ100	Small Knuckle Joint and Lock Nut
19 PHWERLC100-08	Leather Cover x 0.8mt
20 PCWJK100	Jointing Repair Kit
21 PHWERNCS-32	Neoprene Cover x 3.2mt
22 PHWERC0100-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106

SGTCW 17 Cold-Wire Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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

C 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

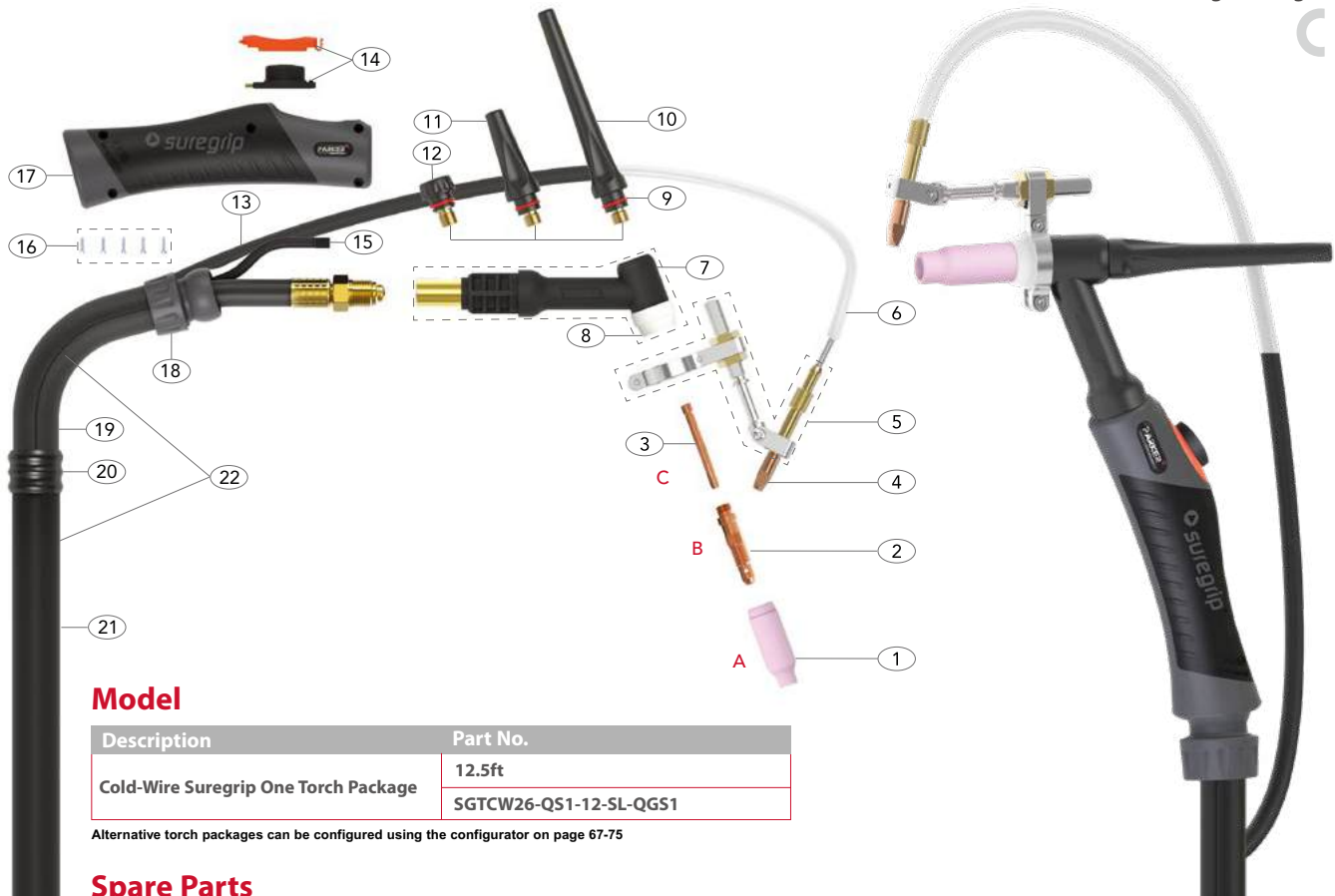
B Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P10N28	Standard Collet Body	3.2	1/8

SGTCW 26 Cold-Wire Suregrip One 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



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft
	SGTCW26-QS1-12-SL-QGS1

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N48	Standard Ceramic Cup
2 P10N32	Standard Collet Body
3 P10N24	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW26	Torch Body CWT
8 PHCW1726CG	1726 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PB5008M-40	Outer Liner 4mt
14 PER1MS	Momentary Kit

Part No.	Description
15 PERSWL4	Trigger Lead 12.5ft
16 PERSP1	Screw Pack
17 PERH200	Suregrip Large Ergo Tig Handle
18 PERKJ200	Large Knuckle Joint and Lock Nut
19 PHWERLC200-08	Leather Cover x 0.8mt
20 PCWJK200	Joining Repair Kit
21 PHWERNCL-32	Neoprene Cover x 3.2mt
22 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106

SGTCW 26 Cold-Wire Suregrip One 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



Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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

C 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

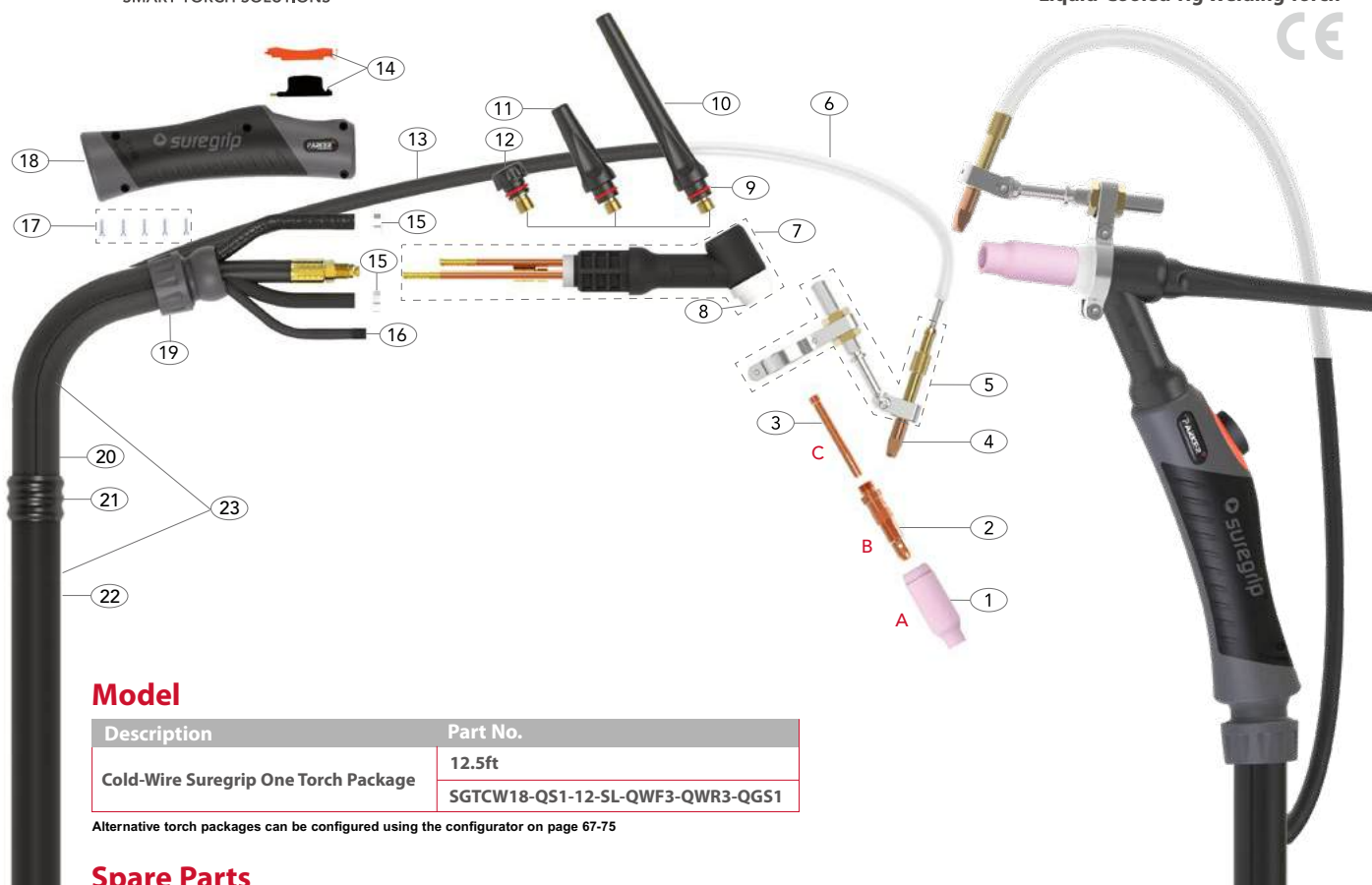
B Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P10N28	Standard Collet Body	3.2	1/8

SGTCW 18 Cold-Wire Suregrip One Tig Torch Range

Rating: 380A DC, 270A AC @ 100% duty cycle. Electrode Size: 1.0-4.0mm / 0.040"-5/32"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft
	SGTCW18-QS1-12-SL-QWF3-QWR3-QGS1

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N46	Standard Ceramic Cup
2 P10N28	Standard Collet Body
3 P10N25	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT18-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW18	Torch Body CWT
8 PHCW18CG	18 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PB5008M-40	Outer Liner 4mt
14 PER1MS	Momentary Kit

Part No.	Description
15 P15400022	Hose Clamp 9.5mm
16 PERSWL4	Trigger Lead 12.5ft
17 PERSP1	Screw Pack
18 PERH200N	Suregrip Large Ergo Tig Handle
19 PERKJ200	Large Knuckle Joint and Lock Nut
20 PHWERLC200-08	Leather Cover x 0.8mt
21 PCWJK200	Jointing Repair Kit
22 PHWERNCL-32	Neoprene Cover x 3.2mt
23 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGTCW 18 Cold-Wire Suregrip One Tig Torch Range

Rating: 380A DC, 270A AC @ 100% 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	Bore A	
			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

C 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

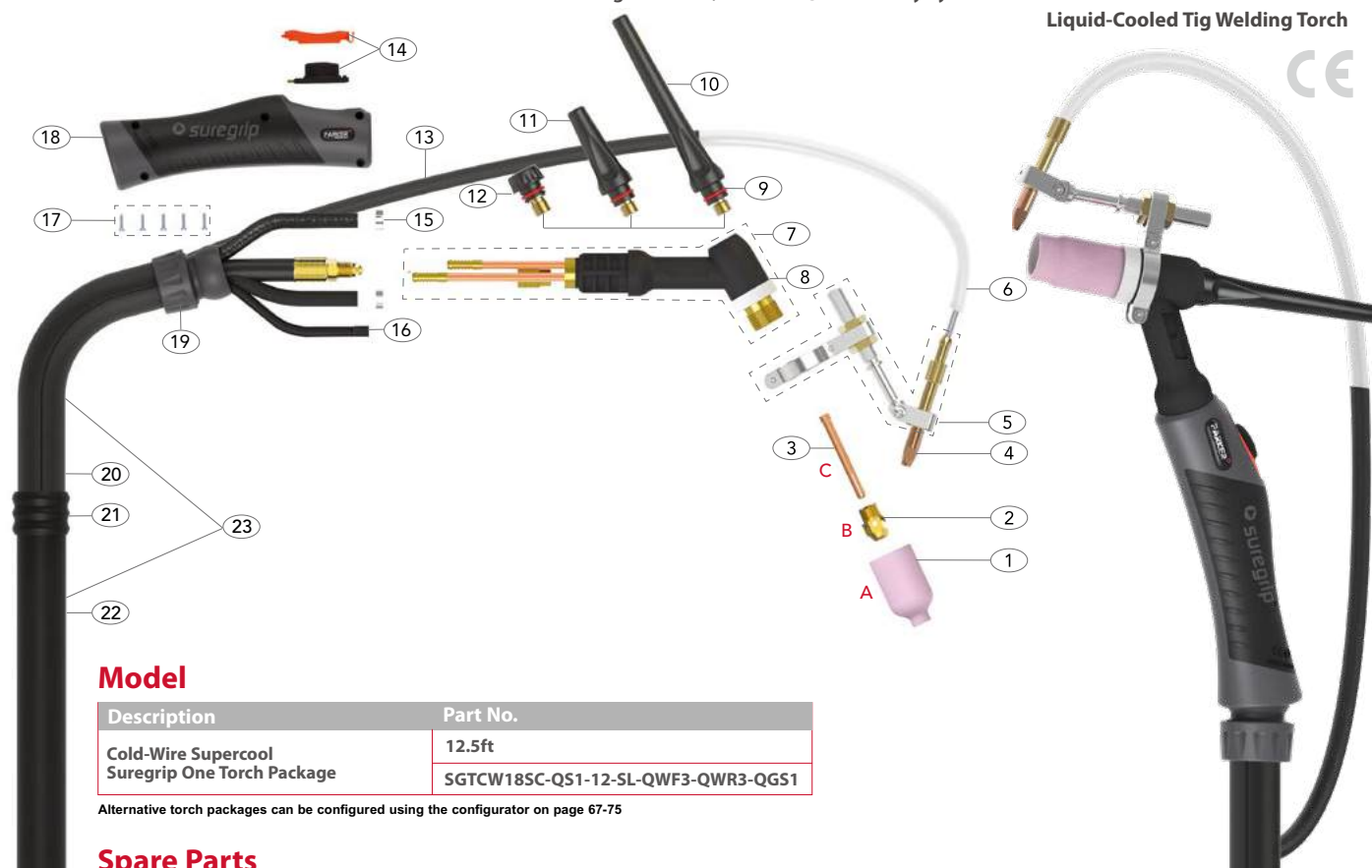
B Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P406488	Standard Collet Body	4.0	5/32
P10N28	Standard Collet Body	3.2	1/8

SGTCW 18SC Cold-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Supercool Suregrip One Torch Package	12.5ft
	SGTCW18SC-QS1-12-SL-QWF3-QWR3-QGS1

Alternative torch packages can be configured using the configurator on page 67-75

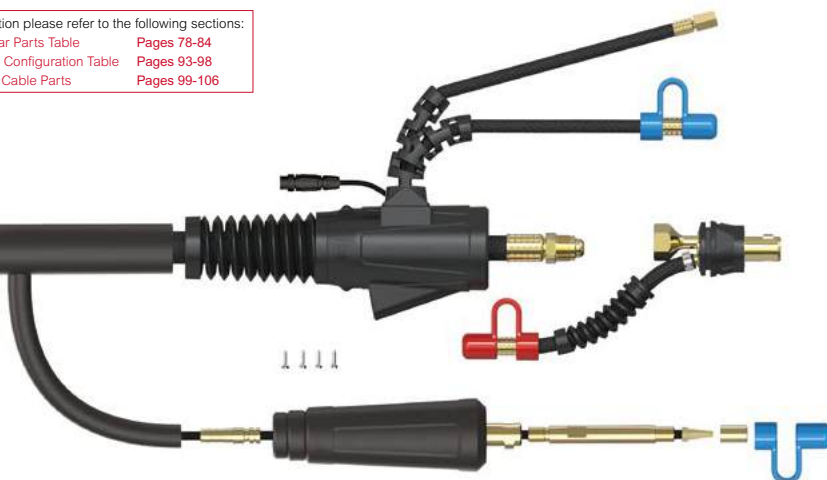
Spare Parts

Part No.	Description
1 P54N14	Gas Lens Cup
2 PNCB-53	Standard Nose Collet Body
3 P10N25	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PWP18SC	Torch Body Standard
8 P18NG	Cup Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PB5008M-40	Outer Liner 4mt
14 PER1MS	Momentary Kit

Part No.	Description
15 P15400022	Hose Clamp 9.5mm
16 PERSWL4	Trigger Lead 12.5ft
17 PERSP1	Screw Pack
18 PERH200N	Suregrip Large Ergo Tig Handle
19 PERKJ200	Large Knuckle Joint and Lock Nut
20 PHWERLC200-08	Leather Cover x 0.8mt
21 PCWJK200	Jointing Repair Kit
22 PHWERNCL-32	Neoprene Cover x 3.2mt
23 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGTCW 18SC Cold-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Wear Parts

A Gas Lens Ceramic Cups

Part No.	Description	Size	Bore A	
			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

B Heavy Duty Collet Bodies

Part No.	Description	Bore
		mm
PNCB-53	Standard Nose Collet Body	3.4
PNCB-36	Heavy Duty Nose Collet Body	5.0

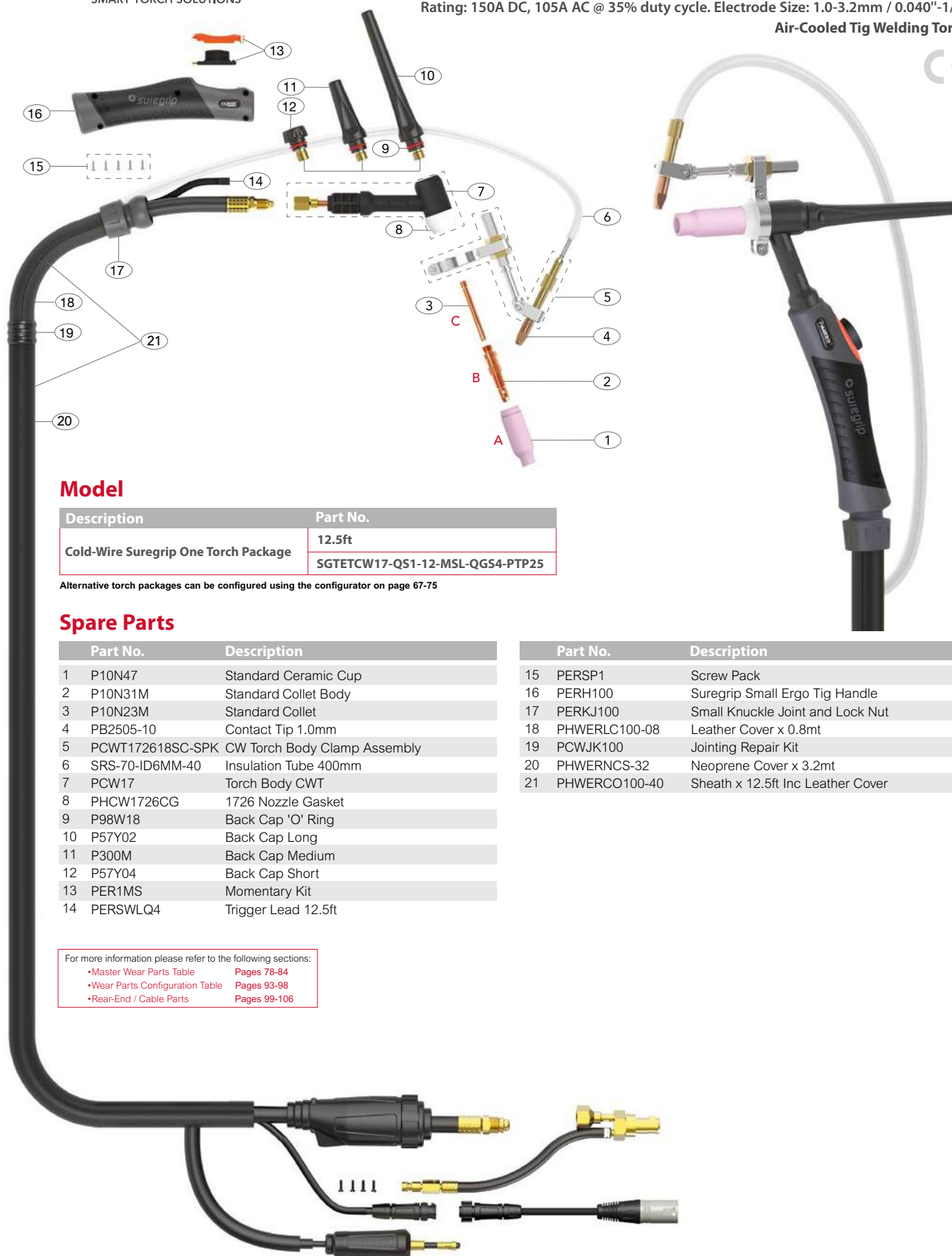
C Standard Collets

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

SGTETCW 17 Electrex Cold-Wire Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft
	SGTETCW17-QS1-12-MSL-QGS4-PTP25

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N47	Standard Ceramic Cup
2 P10N31M	Standard Collet Body
3 P10N23M	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW17	Torch Body CWT
8 PHCW1726CG	1726 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PER1MS	Momentary Kit
14 PERSWLQ4	Trigger Lead 12.5ft

Part No.	Description
15 PERSP1	Screw Pack
16 PERH100	Suregrip Small Ergo Tig Handle
17 PERKJ100	Small Knuckle Joint and Lock Nut
18 PHWERLC100-08	Leather Cover x 0.8mt
19 PCWJK100	Jointing Repair Kit
20 PHWERNCS-32	Neoprene Cover x 3.2mt
21 PHWERCO100-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106

SGTETCW 17 Electrex Cold-Wire Suregrip One Tig Torch Range

Rating: 150A DC, 105A AC @ 35% duty cycle. Electrode Size: 1.0-3.2mm / 0.040"-1/8"

Air-Cooled Tig Welding Torch



Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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

C 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

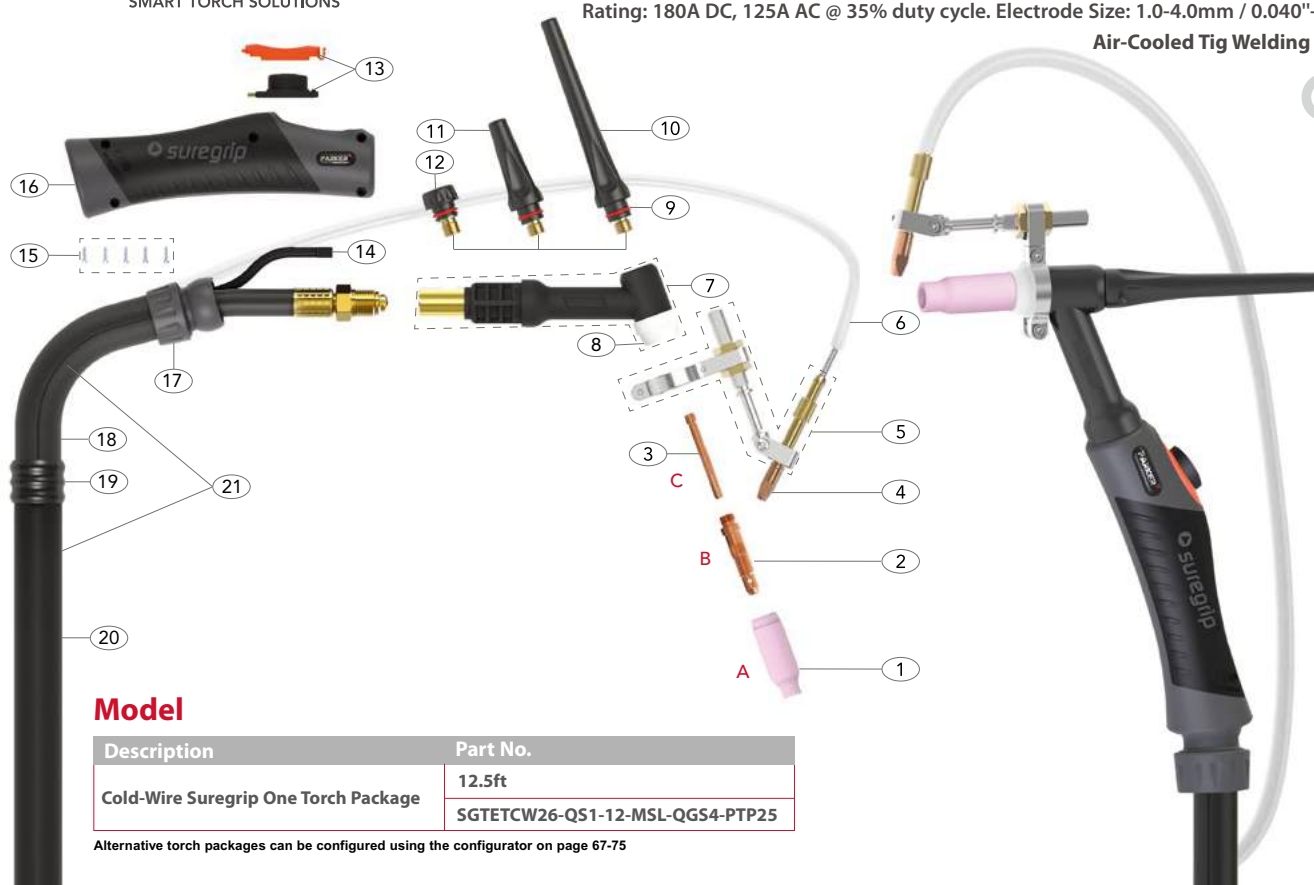
B Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P10N28	Standard Collet Body	3.2	1/8

SGTETCW 26 Electrex Cold-Wire Suregrip One 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



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft
	SGTETCW26-QS1-12-MSL-QGS4-PTP25

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N48	Standard Ceramic Cup
2 P10N32	Standard Collet Body
3 P10N24	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW26	Torch Body CWT
8 PHCW1726CG	1726 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PER1MS	Momentary Kit
14 PERSWLQ4	Trigger Lead 12.5ft

Part No.	Description
15 PERSP1	Screw Pack
16 PERH200	Suregrip Large Ergo Tig Handle
17 PERKJ200	Large Knuckle Joint and Lock Nut
18 PHWERLC200-08	Leather Cover x 0.8mt
19 PCWJK200	Jointing Repair Kit
20 PHWERNCL-32	Neoprene Cover x 3.2mt
21 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106

SGTETCW 26 Electrex Cold-Wire Suregrip One 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



Wear Parts

A Standard Ceramic Cups

Part No.	Description	Size	Bore A	
			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 Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P10N28	Standard Collet Body	3.2	1/8

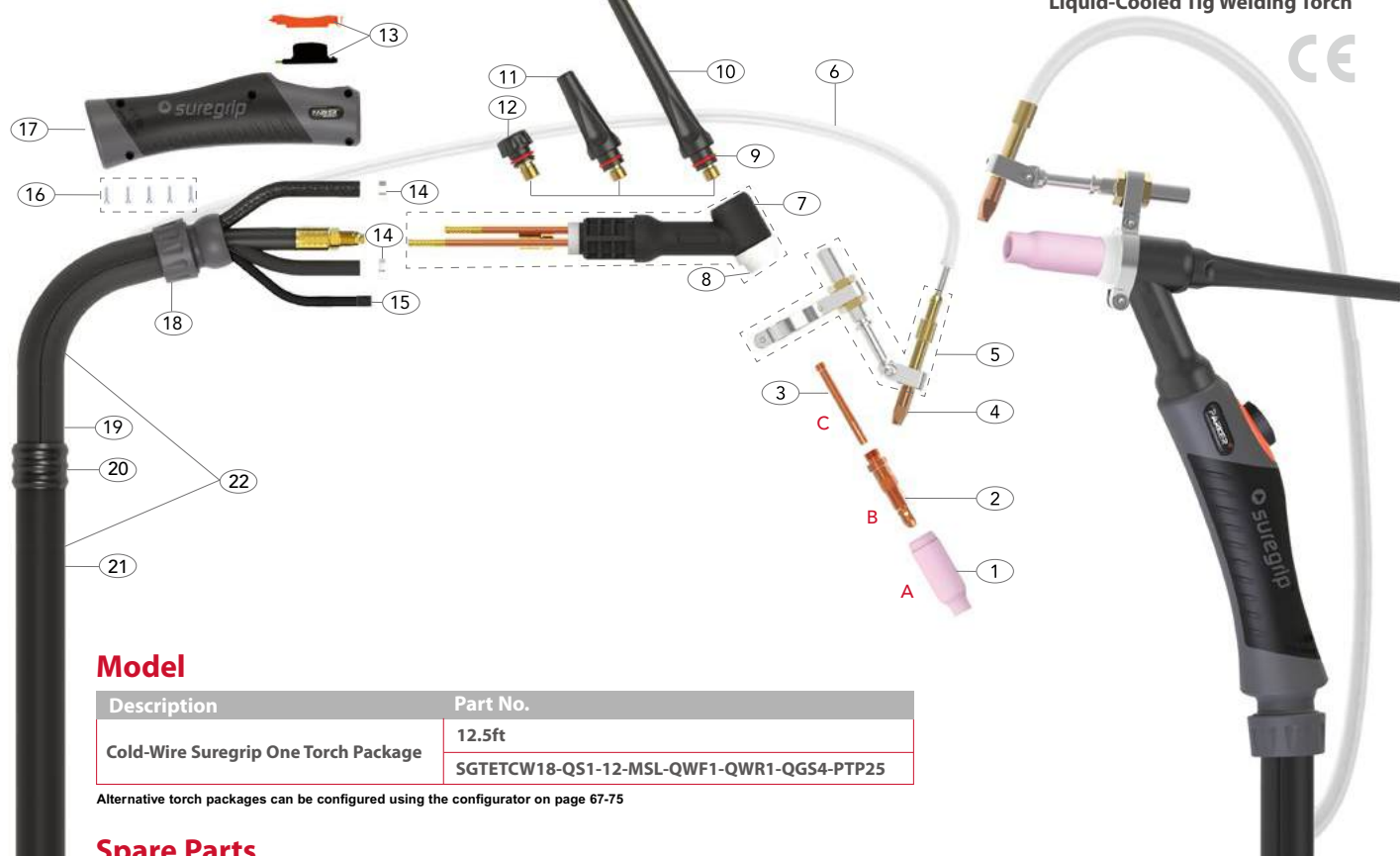
C Standard Collets

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

SGTETCW 18 Electrex Cold-Wire Suregrip One Tig Torch Range

Rating: 380A DC, 270A AC @ 100% duty cycle. Electrode Size: 1.0-4.0mm / 0.040"-5/32"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Suregrip One Torch Package	12.5ft SGTETCW18-QS1-12-MSL-QWF1-QWR1-QGS4-PTP25

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P10N46	Standard Ceramic Cup
2 P10N28	Standard Collet Body
3 P10N25	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT18-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PCW18	Torch Body CWT
8 PHCW18CG	18 Nozzle Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PER1MS	Momentary Kit

Part No.	Description
14 P15400022	Hose Clamp 9.5mm
15 PERSWLQ4	Trigger Lead 12.5ft
16 PERSP1	Screw Pack
17 PERH200N	Suregrip Large Ergo Tig Handle
18 PERKJ200	Large Knuckle Joint and Lock Nut
19 PHWERLC200-08	Leather Cover x 0.8mt
20 PCWJK200	Jointing Repair Kit
21 PHWERNCL-32	Neoprene Cover x 3.2mt
22 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106

SGTETCW 18 Electrex Cold-Wire Suregrip One Tig Torch Range

Rating: 380A DC, 270A AC @ 100% 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	Bore A	
			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

C 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

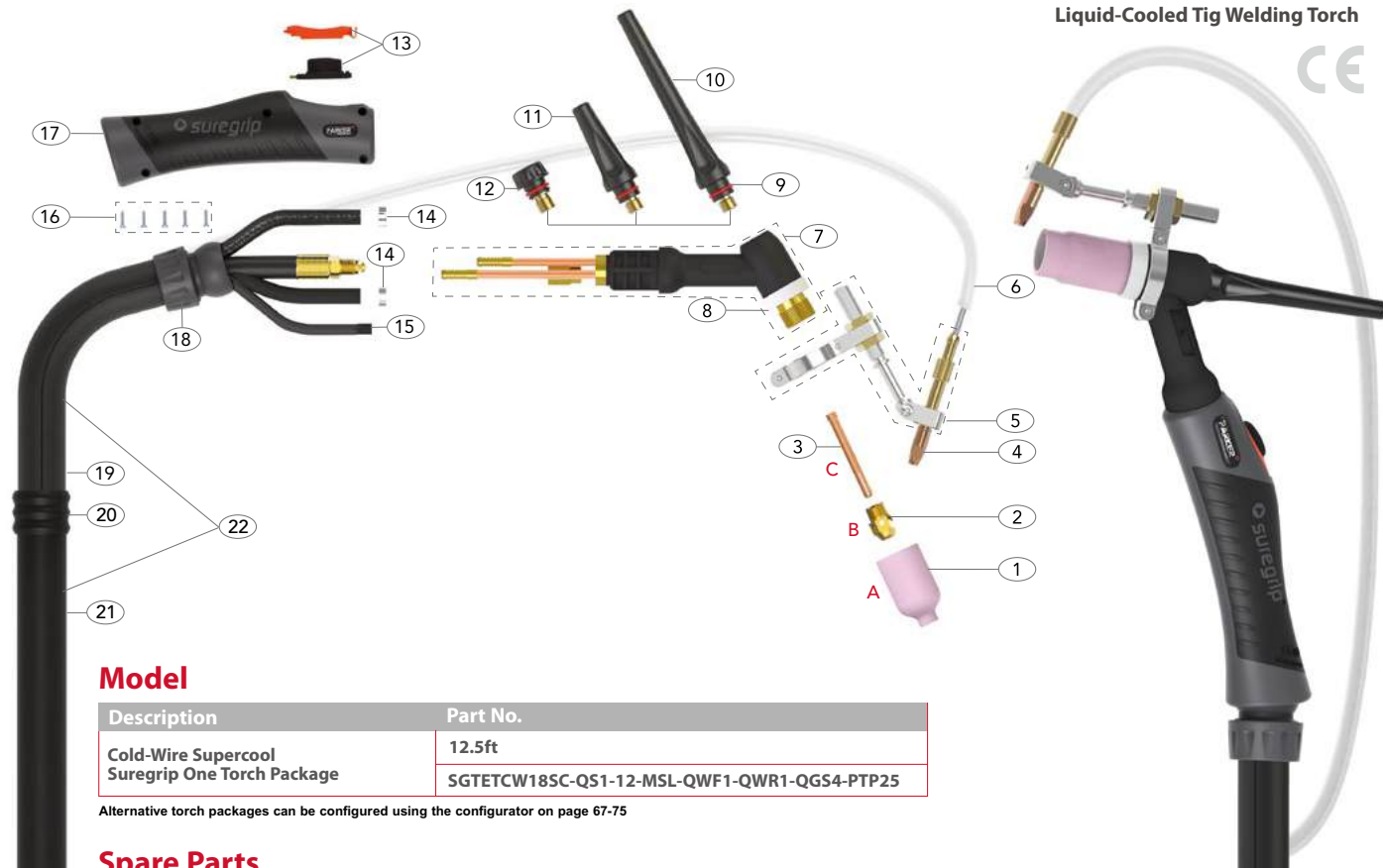
B Standard Collet Bodies

Part No.	Description	Electrode Size	
		mm	inch
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
P406488	Standard Collet Body	4.0	5/32
P10N28	Standard Collet Body	3.2	1/8

SGTETCW 18SC Cold-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Model

Description	Part No.
Cold-Wire Supercool Suregrip One Torch Package	12.5ft
	SGTETCW18SC-QS1-12-MSL-QWF1-QWR1-QGS4-PTP25

Alternative torch packages can be configured using the configurator on page 67-75

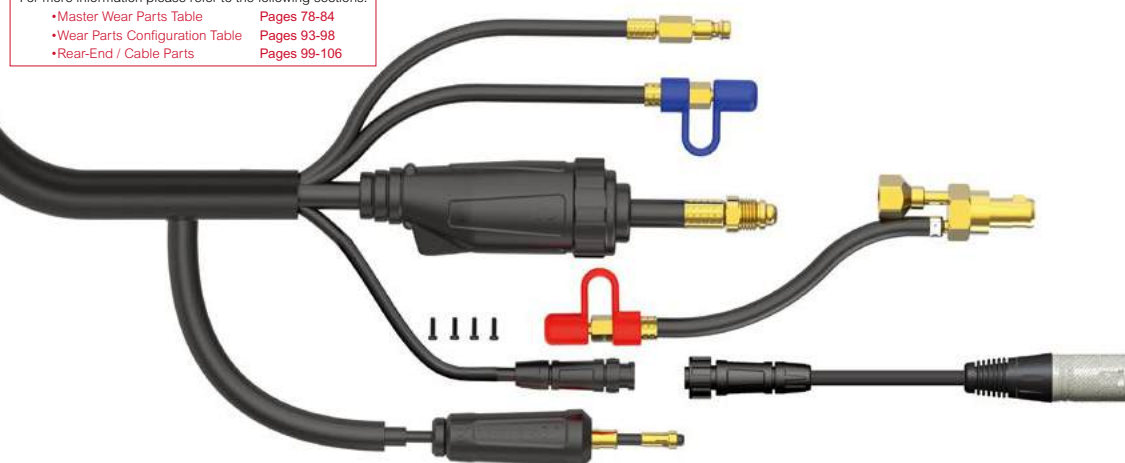
Spare Parts

Part No.	Description
1 P54N14	Gas Lens Cup
2 PNCB-53	Standard Nose Collet Body
3 P10N25	Standard Collet
4 PB2505-10	Contact Tip 1.0mm
5 PCWT172618SC-SPK	CW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PWP18SC	Torch Body Standard
8 P18NG	Cup Gasket
9 P98W18	Back Cap 'O' Ring
10 P57Y02	Back Cap Long
11 P300M	Back Cap Medium
12 P57Y04	Back Cap Short
13 PER1MS	Momentary Kit

Part No.	Description
14 P15400022	Hose Clamp 9.5mm
15 PERSWLQ4	Trigger Lead 12.5ft
16 PERSP1	Screw Pack
17 PERH200N	Suregrip Large Ergo Tig Handle
18 PERKJ200	Large Knuckle Joint and Lock Nut
19 PHWERLC200-08	Leather Cover x 0.8mt
20 PCWJK200	Jointing Repair Kit
21 PHWERNCL-32	Neoprene Cover x 3.2mt
22 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:

- Master Wear Parts Table Pages 78-84
- Wear Parts Configuration Table Pages 93-98
- Rear-End / Cable Parts Pages 99-106



SGTETCW 18SC Cold-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Wear Parts

A Gas Lens Ceramic Cups

Part No.	Description	Size	Bore A	
			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

B Heavy Duty Collet Bodies

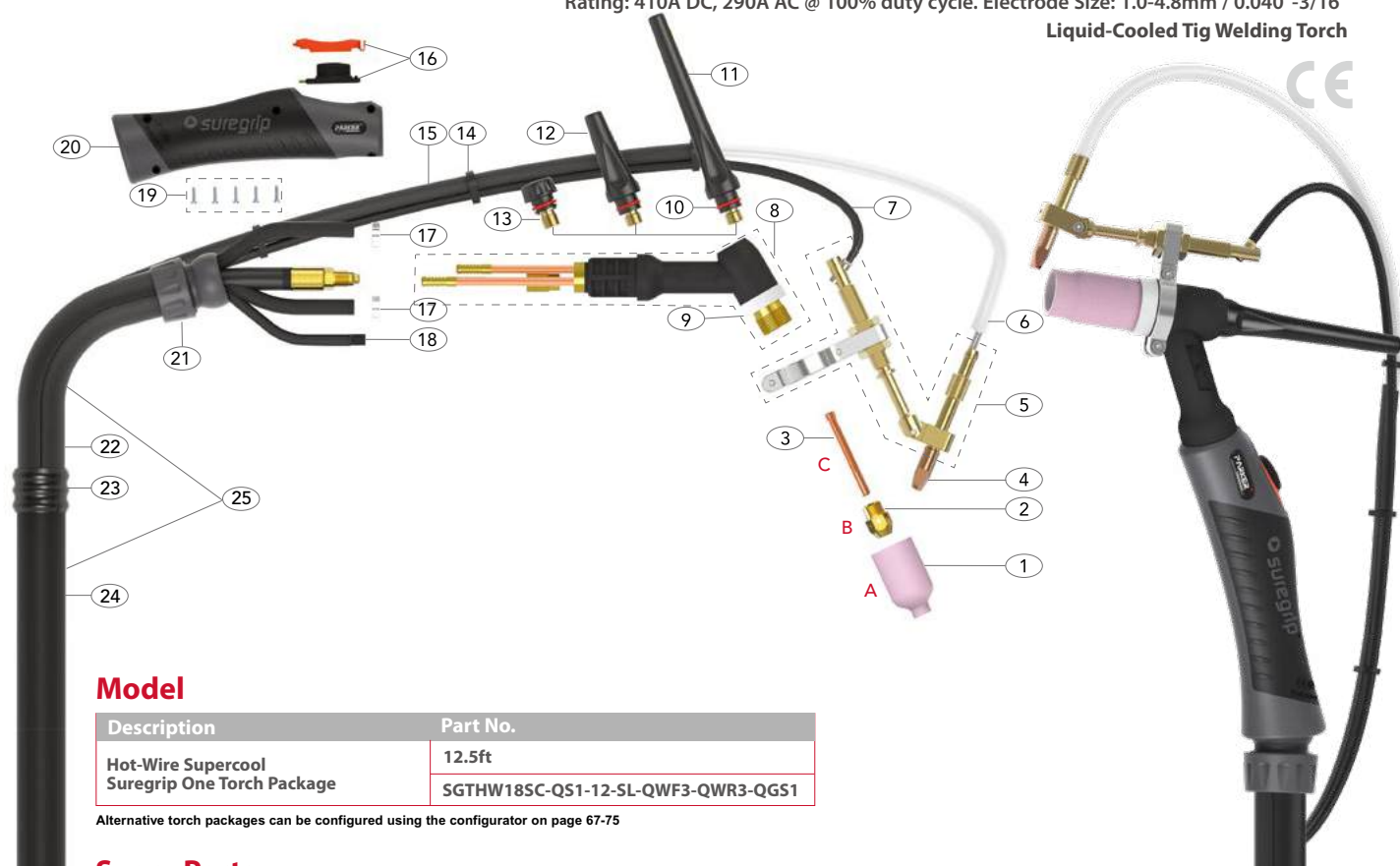
Part No.	Description	Bore
		mm
PNCB-53	Standard Nose Collet Body	3.4
PNCB-36	Heavy Duty Nose Collet Body	5.0

C 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

SGTHW 18SC Hot-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"
Liquid-Cooled Tig Welding Torch



Model

Description	Part No.
Hot-Wire Supercool Suregrip One Torch Package	12.5ft
	SGTHW18SC-QS1-12-SL-QWF3-QWR3-QGS1

Alternative torch packages can be configured using the configurator on page 67-75

Spare Parts

Part No.	Description
1 P54N14	Gas Lens Cup
2 PNCB-53	Standard Nose Collet Body
3 P10N25	Standard Collet
4 PB2505-12	Contact Tip 1.2mm
5 PHWT172618SC-SPK	HW Torch Body Clamp Assembly
6 SRS-70-ID6MM-40	Insulation Tube 400mm
7 PSC2585-40	Power Cable 10mm ² x12.5ft
8 PWP18SC	Torch Body Standard
9 P18NG	Cup Gasket
10 P98W18	Back Cap 'O' Ring
11 P57Y02	Back Cap Long
12 P300M	Back Cap Medium
13 P57Y04	Back Cap Short
14 CT4X150	Cable Tie
15 PB5008M-40	Outer Liner 4mt

Part No.	Description
16 PER1MS	Momentary Kit
17 P15400022	Hose Clamp 9.5mm
18 PERSWL4	Trigger Lead 12.5ft
19 PERSP1	Screw Pack
20 PERH200N	Suregrip Large Ergo Tig Handle
21 PERKJ200	Large Knuckle Joint and Lock Nut
22 PHWERLC200-08	Leather Cover x 0.8mt
23 PCWJK200	Jointing Repair Kit
24 PHWERNCL-32	Neoprene Cover x 3.2mt
25 PHWERC0200-40	Sheath x 12.5ft Inc Leather Cover

For more information please refer to the following sections:
 •Master Wear Parts Table Pages 78-84
 •Wear Parts Configuration Table Pages 93-98
 •Rear-End / Cable Parts Pages 99-106

SGTHW 18SC Hot-Wire Supercool Suregrip One Tig Torch Range

Rating: 410A DC, 290A AC @ 100% duty cycle. Electrode Size: 1.0-4.8mm / 0.040"-3/16"

Liquid-Cooled Tig Welding Torch



Wear Parts

A Gas Lens Ceramic Cups

Part No.	Description	Size	Bore A	
			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

B Nose Collet Body

Part No.	Description	Bore
		mm
PNCB-53	Standard Nose Collet Body	3.4
PNCB-36	Heavy Duty Nose Collet Body	5.0

C 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

Surelok Dinse 35mm

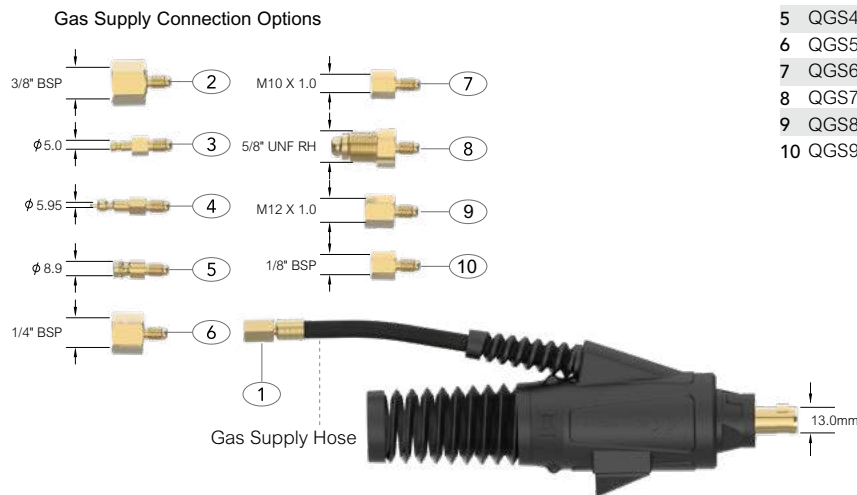
Air-Cooled

Surelok Kit Complete - Dinse 35mm

Part No.	Description	Model
POSL3550-917-QGS #	Air-Cooled Small Surelok Termination	9/17/125M
POSL3550-26-QGS #	Air-Cooled Large Surelok Termination	26

Gas Supply Hose

Part No.	Description
1 QGS0	Open
2 QGS1	Gas Supply Hose c/w 3/8" BSP
3 QGS2	Gas Supply Hose c/w 5.0mm Quick Fit
4 QGS3	Gas Supply Hose c/w 5.95mm Quick Fit
5 QGS4	Gas Supply Hose c/w 8.9mm Quick Fit
6 QGS5	Gas Supply Hose c/w 1/4" BSP
7 QGS6	Gas Supply Hose c/w M10 x 1.0
8 QGS7	Gas Supply Hose c/w 5/8" UNF RH
9 QGS8	Gas Supply Hose c/w M12 x 1.0
10 QGS9	Gas Supply Hose c/w 1/8" BSP



Rapid Fit Connection Systems and Terminations

Surelok Dinse 35mm

Surelok Dinse 35mm

Liquid-Cooled

Surelok Kit Complete - Dinse 35mm

Part No.	Description	Model
POSL3550-1820-QWR#	Liquid-Cooled Surelok Termination	18/18SC/20/24W/250M/225F

Gas Supply Hose

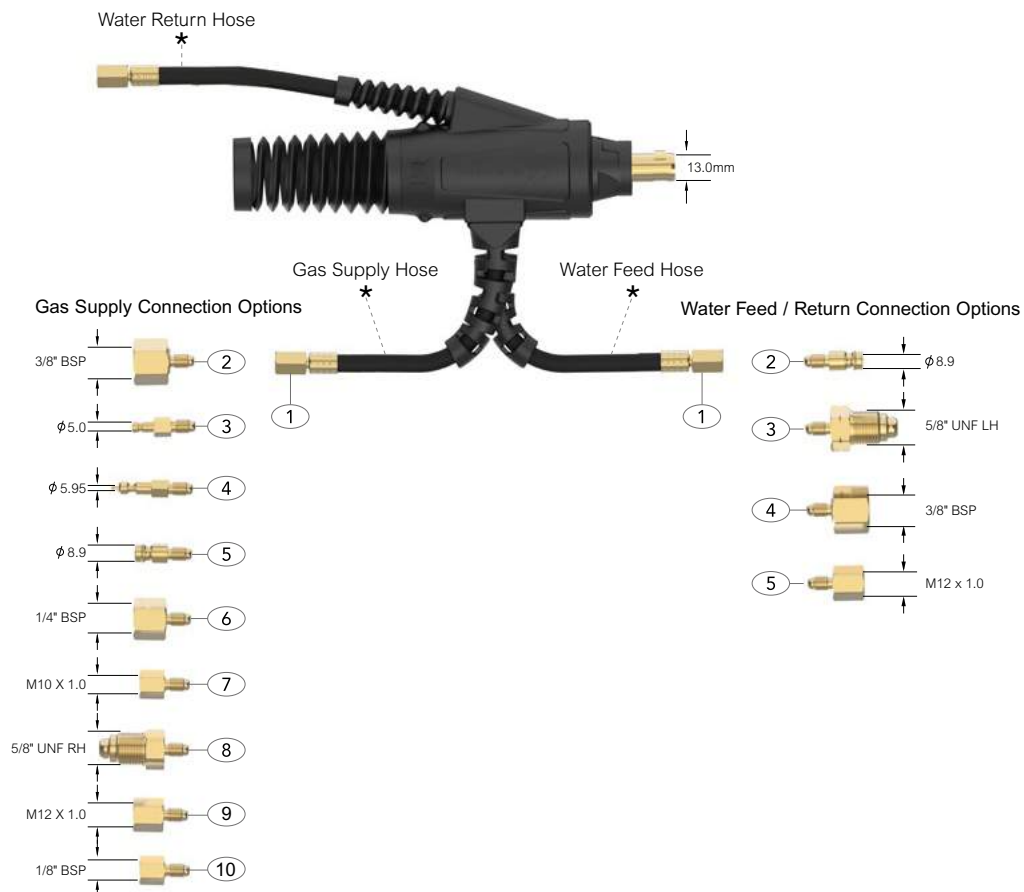
Part No.	Description
1 QGS0	Open
2 QGS1	Gas Supply Hose c/w 3/8" BSP
3 QGS2	Gas Supply Hose c/w 5.0mm Quick Fit
4 QGS3	Gas Supply Hose c/w 5.95mm Quick Fit
5 QGS4	Gas Supply Hose c/w 8.9mm Quick Fit
6 QGS5	Gas Supply Hose c/w 1/4" BSP
7 QGS6	Gas Supply Hose c/w M10 x 1.0
8 QGS7	Gas Supply Hose c/w 5/8" UNF RH
9 QGS8	Gas Supply Hose c/w M12 x 1.0
10 QGS9	Gas Supply Hose c/w 1/8" BSP

Water Feed Hose

Part No.	Description
1 QWF0	Open
2 QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3 QWF2	Water Feed Hose c/w 5/8" UNF LH
4 QWF3	Water Feed Hose c/w 3/8" BSP
5 QWF4	Water Feed Hose c/w M12 x 1.0

Water Return Hose

Part No.	Description
1 QWR0	Open
2 QWR1	Water Return Hose c/w 8.9mm Quick Fit
3 QWR2	Water Return Hose c/w 5/8" UNF LH
4 QWR3	Water Return Hose c/w 3/8" BSP
5 QWR4	Water Return Hose c/w M12 x 1.0



Surelok Gas Through Dinse 35mm

Air-Cooled

Surelok Kit Complete - Gas Through Dinse 35mm

Part No.	Description	Model
PSL3550GT-917	Air-Cooled Small Surelok GT Termination	9/17/125M
PSL3550GT-26	Air-Cooled Large Surelok GT Termination	26



Surelok Gas Through Dinse 35mm

Liquid-Cooled

Surelok Kit Complete - Dinse 35mm

Part No.	Description	Model
POSL3550WGT-1820-QWR#	Liquid-Cooled Large Surelok GT Termination	18/18SC/20/24W/250M/225F

Water Feed Hose

Part No.	Description
1 QWF0	Open
2 QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3 QWF2	Water Feed Hose c/w 5/8" UNF LH
4 QWF3	Water Feed Hose c/w 3/8" BSP
5 QWF4	Water Feed Hose c/w M12 x 1.0

Water Return Hose

Part No.	Description
1 QWR0	Open
2 QWR1	Water Return Hose c/w 8.9mm Quick Fit
3 QWR2	Water Return Hose c/w 5/8" UNF LH
4 QWR3	Water Return Hose c/w 3/8" BSP
5 QWR4	Water Return Hose c/w M12 x 1.0



Rapid Fit Connection Systems and Terminations

Surelok Gas Through Dinse 35mm - FRN

Surelok Gas Through Dinse 35mm FRN

Air-Cooled

Surelok Kit Complete - Gas Through Dinse 35mm - FRN

Part No.	Description	Model
PFRSL3550G-917	Air-Cooled Small Surelok GT Termination	9/17/125M
PFRSL3550G-26	Air-Cooled Large Surelok GT Termination	26



Surelok Gas Through Dinse 35mm FRN

Liquid-Cooled

Surelok Kit Complete - Gas Through Dinse 35mm - FRN

Part No.	Description	Model
POFRSL3550W-1820-QWR#	Liquid-Cooled Surelok GT Termination	18/18SC/20/24W/250M/225F

Water Feed Hose

Part No.	Description
1 QWF0	Open
2 QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3 QWF2	Water Feed Hose c/w 5/8" UNF LH
4 QWF3	Water Feed Hose c/w 3/8" BSP
5 QWF4	Water Feed Hose c/w M12 x 1.0

Water Return Hose

Part No.	Description
1 QWR0	Open
2 QWR1	Water Return Hose c/w 8.9mm Quick Fit
3 QWR2	Water Return Hose c/w 5/8" UNF LH
4 QWR3	Water Return Hose c/w 3/8" BSP
5 QWR4	Water Return Hose c/w M12 x 1.0



Surelok Gas Through QD

Air-Cooled

Surelok Kit Complete - Surelok Gas Through QD

Part No.	Description
PSL-SKAQ-14BSP	Small Air-Cooled Surelok QD Kit Complete 1/4" BSP
PSL-SAQ-38BSP	Small Air-Cooled Surelok QD Kit Complete 3/8" BSP
PSL-SAQ-M12	Small Air-Cooled Surelok QD Kit Complete M12 x 1.0
PSL-SAQ-M16	Small Air-Cooled Surelok QD Kit Complete M16 x 1.5
PSL-LKAQ-14BSP	Large Air-Cooled Surelok QD Kit Complete 1/4" BSP
PSL-LAQ-38BSP	Large Air-Cooled Surelok QD Kit Complete 3/8" BSP
PSL-LAQ-M12	Large Air-Cooled Surelok QD Kit Complete M12 x 1.0
PSL-LAQ-M16	Large Air-Cooled Surelok QD Kit Complete M16 x 1.0



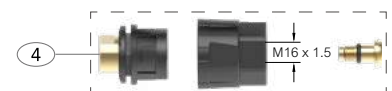
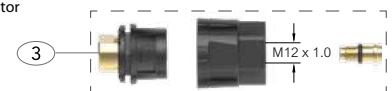
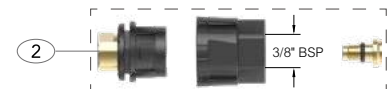
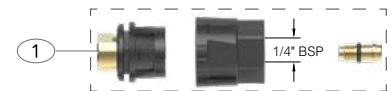
Small Air-Cooled Surelok QD



Large Air-Cooled Surelok QD

Power & Gas Supply Connector

Part No.	Description
1 PQD1	Surelok QD 1/4" BSP Connector Assembly
2 PQD2	Surelok QD 3/8" BSP Connector Assembly
3 PQD3	Surelok QD M12 x 1.0 Connector Assembly
4 PQD4	Surelok QD M16 x 1.5 Connector Assembly



Power & Gas Supply Connector Options

Surelok Gas Through QD

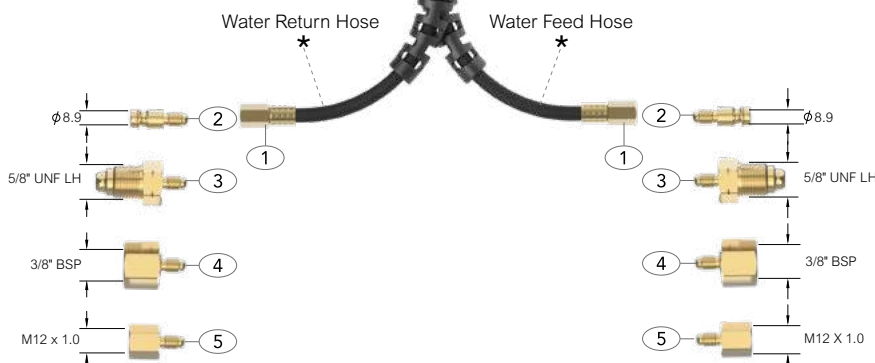
Liquid-Cooled

Surelok Kit Complete - Surelok Gas Through QD

Part No.	Description
POSL-KMWQ-14BSP-QWR#	KM Liquid-Cooled Surelok QD Kit Complete 1/4" BSP



Power & Gas Supply Connector Options



Water Return Connection Options

Water feed Connection Options

Power & Gas Supply Connector

Part No.	Description
PQD5	Surelok QD 1/4" BSP Gas Through Connector Assembly

Water Feed Hose

Part No.	Description
1 QWF0	Open
2 QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3 QWF2	Water Feed Hose c/w 5/8" UNF LH
4 QWF3	Water Feed Hose c/w 3/8" BSP
5 QWF4	Water Feed Hose c/w M12 x 1.0

Water Return Hose

Part No.	Description
1 QWR0	Open
2 QWR1	Water Return Hose c/w 8.9mm Quick Fit
3 QWR2	Water Return Hose c/w 5/8" UNF LH
4 QWR3	Water Return Hose c/w 3/8" BSP
5 QWR4	Water Return Hose c/w M12 x 1.0

Rapid Fit Connection Systems and Terminations

Surelok QD

Surelok QD

Liquid-Cooled

Surelok Kit Complete - Surelok QD

Part No.	Description
PSL-WQ-14BSP	Liquid-Cooled Surelok QD Kit Complete 1/4" BSP
PSL-WQ-38BSP	Liquid-Cooled Surelok QD Kit Complete 3/8" BSP
PSL-WQ-M12	Liquid-Cooled Surelok QD Kit Complete M12 x 1.0
PSL-WQ-M16	Liquid-Cooled Surelok QD Kit Complete M16 x 1.5

Power & Water Return Connector

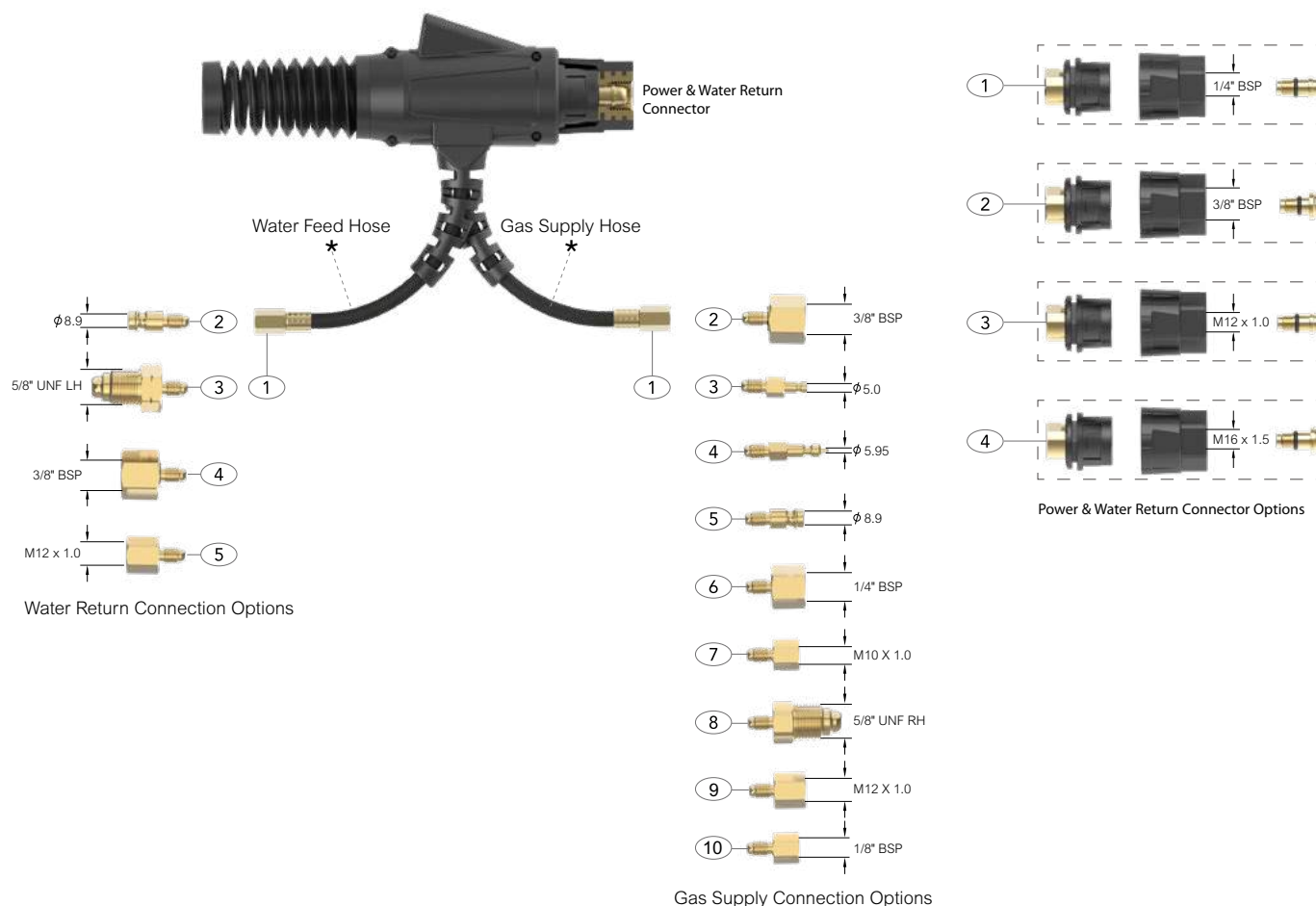
Part No.	Description
1 PQD1	Surelok QD 1/4" BSP Connector Assembly
2 PQD2	Surelok QD 3/8" BSP Connector Assembly
3 PQD3	Surelok QD M12 x 1.0 Connector Assembly
4 PQD4	Surelok QD M16 x 1.5 Connector Assembly

Gas Supply Hose

Part No.	Description
1 QGS0	Open
2 QGS1	Gas Supply Hose c/w 3/8" BSP
3 QGS2	Gas Supply Hose c/w 5.0mm Quick Fit
4 QGS3	Gas Supply Hose c/w 5.95mm Quick Fit
5 QGS4	Gas Supply Hose c/w 8.9mm Quick Fit
6 QGS5	Gas Supply Hose c/w 1/4" BSP
7 QGS6	Gas Supply Hose c/w M10 x 1.0
8 QGS7	Gas Supply Hose c/w 5/8" UNF RH
9 QGS8	Gas Supply Hose c/w M12 x 1.0
10 QGS9	Gas Supply Hose c/w 1/8" BSP

Water Feed Hose

Part No.	Description
1 QWF0	Open
2 QWF1	Water Feed Hose c/w 8.9mm Quick Fit
3 QWF2	Water Feed Hose c/w 5/8" UNF LH
4 QWF3	Water Feed Hose c/w 3/8" BSP
5 QWF4	Water Feed Hose c/w M12 x 1.0



Suregrip One Tig Torch Range

Quick Fit Switch Wire Plug Kits



Code	Part Number	Description
PTP0	PTERCPN	Blank

Code	Part Number	Description
PTP1	PTERCP11	7 Pin Uniarc Quick Fit

Code	Part Number	Description
PTP2	PTERCP9	5 Pin Tichel Plug Quick Fit

Code	Part Number	Description
PTP3	PTXS12-J3P	3 Pin XS12 Series Plug Quick Fit

Code	Part Number	Description
PTP4	PTERCP6-5	5 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP5	PTERCP3	6 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP6	PTWS16J7TQ	7 Pin WS16 Series Plug Quick Fit

Code	Part Number	Description
PTP7	PTERCP4	14 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP8	PTSP2110-P9	9 Pin SP21 Series Plug Quick Fit

Code	Part Number	Description
PTP9	PTWS16J5TQ	5 Pin WS16 Series Plug Quick Fit

Code	Part Number	Description
PTP10	PTERCP8	9 Pin Tichel Plug Quick Fit

Code	Part Number	Description
PTP15	PT16S-1PZ	7 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP16	PTERCP2	5 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP19	PTERCP0	2 Pin Amphenol Plug Quick Fit

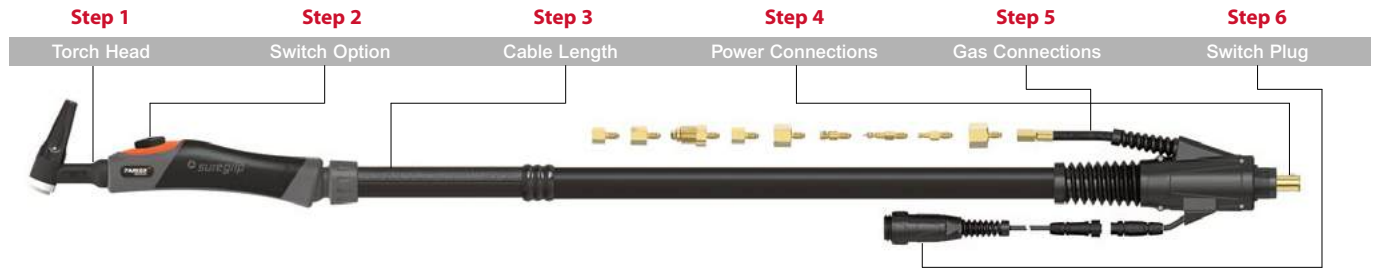
Code	Part Number	Description
PTP21	PTERCP1	4 Pin Amphenol Plug Quick Fit

Code	Part Number	Description
PTP22	PTERCP7	3 Pin Tichel Plug

Suregrip One Tig Torch Range

Air-Cooled Torch Package Configurator

Surelok Dinse 35mm



Ordering Information

Torch package part numbering is configured using the simple 6 stage system outlined below.

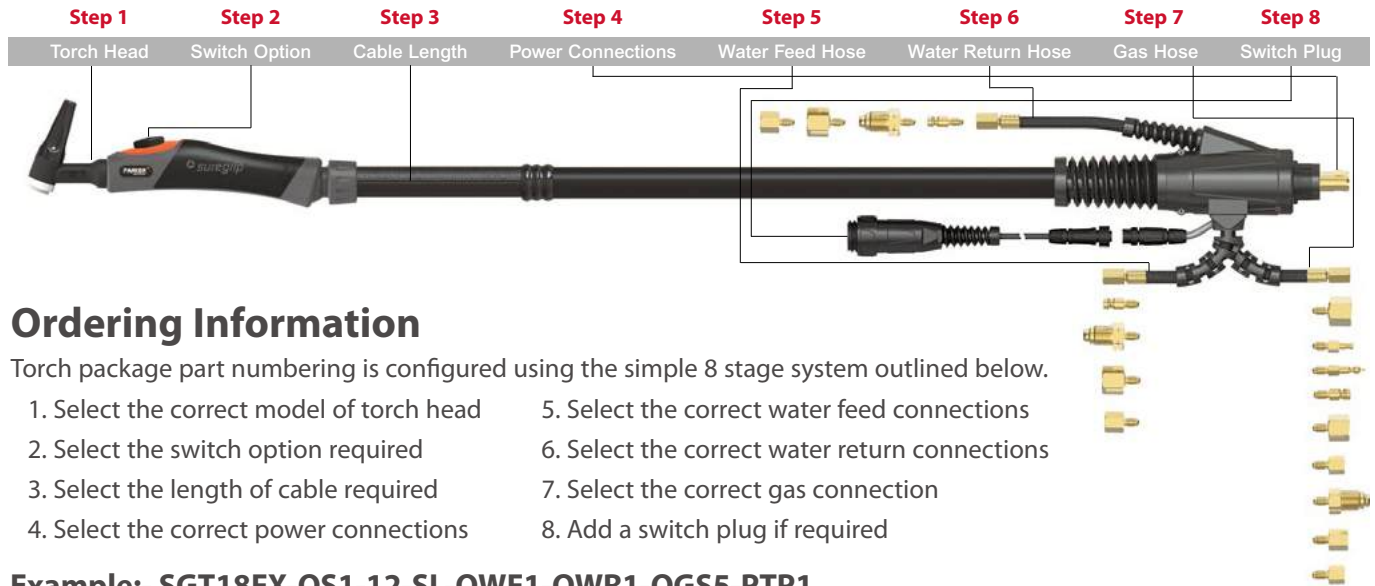
1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct gas connection
6. Add a switch plug if required

Example:- SGT9-QS1-12-SL-QGS5-PTP1

Suregrip SGT9 One Torch x 12.5ft with momentary switch, 1/4" BSP gas and 7 pin Uniarc plug.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6																																																																																																										
Torch Head	Switch Option	Cable Length	Power Connections	Gas Connections	Switch Plug																																																																																																										
<table><tr><th>Part No.</th><th>Description</th></tr><tr><td colspan="2">Air-Cooled</td></tr><tr><td>SGT9</td><td>125A DC</td></tr><tr><td>SGT9FX</td><td>125A DC FLEX</td></tr><tr><td>SGT9FXL</td><td>125A DC FLEX LONG</td></tr><tr><td>SGT17</td><td>150A DC</td></tr><tr><td>SGT17FX</td><td>150A DC FLEX</td></tr><tr><td>SGT17FXL</td><td>150A DC FLEX LONG</td></tr><tr><td>SGT26</td><td>180A DC</td></tr><tr><td>SGT26FX</td><td>180A DC FLEX</td></tr><tr><td colspan="2">Multijust</td></tr><tr><td>SGTSF125M</td><td>150A DC</td></tr><tr><td colspan="2">Modular</td></tr><tr><td>SGTA150</td><td>150A DC</td></tr><tr><td>SGTA200</td><td>180A DC</td></tr><tr><td colspan="2">Cold-Wire</td></tr><tr><td>SGTCW17</td><td>150A DC</td></tr><tr><td>SGTCW26</td><td>180A DC</td></tr></table> NOTE: See page 14 for torch heads explanation	Part No.	Description	Air-Cooled		SGT9	125A DC	SGT9FX	125A DC FLEX	SGT9FXL	125A DC FLEX LONG	SGT17	150A DC	SGT17FX	150A DC FLEX	SGT17FXL	150A DC FLEX LONG	SGT26	180A DC	SGT26FX	180A DC FLEX	Multijust		SGTSF125M	150A DC	Modular		SGTA150	150A DC	SGTA200	180A DC	Cold-Wire		SGTCW17	150A DC	SGTCW26	180A DC	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>12</td><td>12.5ft Cables (3.8m)</td></tr><tr><td>25</td><td>25ft Cables (7.6m)</td></tr><tr><td>37</td><td>37ft Cables (11.3m)</td></tr><tr><td>50</td><td>50ft Cables (15.2m)</td></tr></table> Power Connections <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>SL</td><td>Surelok 13mm</td></tr><tr><td>SL1625</td><td>Surelok 9mm</td></tr></table> # Gas Supply Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QGS0</td><td>Open</td></tr><tr><td>QGS1</td><td>Gas Supply Hose c/w 3/8" BSP</td></tr><tr><td>QGS2</td><td>Gas Supply Hose c/w 5.0mm Quick Fit</td></tr><tr><td>QGS3</td><td>Gas Supply Hose c/w 5.95mm Quick Fit</td></tr><tr><td>QGS4</td><td>Gas Supply Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QGS5</td><td>Gas Supply Hose c/w 1/4" BSP</td></tr><tr><td>QGS6</td><td>Gas Supply Hose c/w M10 x 1.0</td></tr><tr><td>QGS7</td><td>Gas Supply Hose c/w 5/8" UNF RH</td></tr><tr><td>QGS8</td><td>Gas Supply Hose c/w M12 x 1.0</td></tr><tr><td>QGS9</td><td>Gas Supply Hose c/w 1/8" BSP</td></tr></table> NOTE: See page 60 terminations explanation	Part No.	Description	12	12.5ft Cables (3.8m)	25	25ft Cables (7.6m)	37	37ft Cables (11.3m)	50	50ft Cables (15.2m)	Part No.	Description	SL	Surelok 13mm	SL1625	Surelok 9mm	Part No.	Description	QGS0	Open	QGS1	Gas Supply Hose c/w 3/8" BSP	QGS2	Gas Supply Hose c/w 5.0mm Quick Fit	QGS3	Gas Supply Hose c/w 5.95mm Quick Fit	QGS4	Gas Supply Hose c/w 8.9mm Quick Fit	QGS5	Gas Supply Hose c/w 1/4" BSP	QGS6	Gas Supply Hose c/w M10 x 1.0	QGS7	Gas Supply Hose c/w 5/8" UNF RH	QGS8	Gas Supply Hose c/w M12 x 1.0	QGS9	Gas Supply Hose c/w 1/8" BSP	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>PTP0</td><td>Blank</td></tr><tr><td>PTP1</td><td>7 Pin Uniarc Quick Fit</td></tr><tr><td>PTP2</td><td>5 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP3</td><td>3 Pin XS12 Series Plug Quick Fit</td></tr><tr><td>PTP4</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP5</td><td>6 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP6</td><td>7 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP7</td><td>14 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP8</td><td>9 Pin SP21 Series Plug Quick Fit</td></tr><tr><td>PTP9</td><td>5 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP10</td><td>9 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP15</td><td>7 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP16</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP19</td><td>2 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP21</td><td>4 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP22</td><td>3 Pin Tuchel Plug</td></tr></table> NOTE: See page 66 for cable plugs explanation	Part No.	Description	PTP0	Blank	PTP1	7 Pin Uniarc Quick Fit	PTP2	5 Pin Tuchel Plug Quick Fit	PTP3	3 Pin XS12 Series Plug Quick Fit	PTP4	5 Pin Amphenol Plug Quick Fit	PTP5	6 Pin Amphenol Plug Quick Fit	PTP6	7 Pin WS16 Series Plug Quick Fit	PTP7	14 Pin Amphenol Plug Quick Fit	PTP8	9 Pin SP21 Series Plug Quick Fit	PTP9	5 Pin WS16 Series Plug Quick Fit	PTP10	9 Pin Tuchel Plug Quick Fit	PTP15	7 Pin Amphenol Plug Quick Fit	PTP16	5 Pin Amphenol Plug Quick Fit	PTP19	2 Pin Amphenol Plug Quick Fit	PTP21	4 Pin Amphenol Plug Quick Fit	PTP22	3 Pin Tuchel Plug	
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Q3THS	Rotate on/off 10K Potentiometer Switch Kit																																																									
Q4THS	Rotate on/off 25K Potentiometer Switch Kit																																																									



Ordering Information

Torch package part numbering is configured using the simple 8 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct water feed connections
6. Select the correct water return connections
7. Select the correct gas connection
8. Add a switch plug if required

Example:- SGT18FX-QS1-12-SL-QWF1-QWR1-QGS5-PTP1

Suregrip SGT18FX One Torch x 12.5ft with momentary switch, quick fit water, 1/4" BSP gas and 7 pin Uniarc plug.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8																																																																																																																																																																
Torch Head	Switch Option	Cable Length	Power Connections	Water Feed Hose	Water Return Hose	Gas Hose	Switch Plug																																																																																																																																																																
<table><tr><th>Part No.</th><th>Description</th></tr><tr><td colspan="2">Liquid-Cooled</td></tr><tr><td>SGT24W</td><td>180A DC</td></tr><tr><td>SGT20</td><td>225A DC</td></tr><tr><td>SGT20S</td><td>340A DC</td></tr><tr><td>SGT20FXL</td><td>225A DC FLEX LONG</td></tr><tr><td>SGT18</td><td>380A DC</td></tr><tr><td>SGT18FX</td><td>380A DC FLEX</td></tr><tr><td>SGT18SC</td><td>410A DC</td></tr><tr><td colspan="2">Multijust</td></tr><tr><td>SGTSF250M</td><td>250A DC</td></tr><tr><td colspan="2">Modular</td></tr><tr><td>SGTW225</td><td>225A DC FLEX</td></tr><tr><td colspan="2">Cold-Wire</td></tr><tr><td>SGTCW18</td><td>180A DC</td></tr><tr><td>SGTCW18SC</td><td>410A DC</td></tr><tr><td colspan="2">Hot-Wire</td></tr><tr><td>SGTHCW18SC</td><td>410A DC</td></tr></table> NOTE: See page 14 for torch heads explanation		Part No.	Description	Liquid-Cooled		SGT24W	180A DC	SGT20	225A DC	SGT20S	340A DC	SGT20FXL	225A DC FLEX LONG	SGT18	380A DC	SGT18FX	380A DC FLEX	SGT18SC	410A DC	Multijust		SGTSF250M	250A DC	Modular		SGTW225	225A DC FLEX	Cold-Wire		SGTCW18	180A DC	SGTCW18SC	410A DC	Hot-Wire		SGTHCW18SC	410A DC	<table><tr><th colspan="2">Power Connections</th></tr><tr><th>Part No.</th><th>Description</th></tr><tr><td>SL</td><td>Surelok 13mm</td></tr><tr><td>SL1625</td><td>Surelok 9mm</td></tr></table> # Water Feed Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWF0</td><td>Open</td></tr><tr><td>QWF1</td><td>Water Feed Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWF2</td><td>Water Feed Hose c/w 5/8" UNF LH</td></tr><tr><td>QWF3</td><td>Water Feed Hose c/w 3/8" BSP</td></tr><tr><td>QWF4</td><td>Water Feed Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 61 terminations explanation # Water Return Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWR0</td><td>Open</td></tr><tr><td>QWR1</td><td>Water Return Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWR2</td><td>Water Return Hose c/w 5/8" UNF LH</td></tr><tr><td>QWR3</td><td>Water Return Hose c/w 3/8" BSP</td></tr><tr><td>QWR4</td><td>Water Return Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 61 terminations explanation	Power Connections		Part No.	Description	SL	Surelok 13mm	SL1625	Surelok 9mm	Part No.	Description	QWF0	Open	QWF1	Water Feed Hose c/w 8.9mm Quick Fit	QWF2	Water Feed Hose c/w 5/8" UNF LH	QWF3	Water Feed Hose c/w 3/8" BSP	QWF4	Water Feed Hose c/w M12 x 1.0	Part No.	Description	QWR0	Open	QWR1	Water Return Hose c/w 8.9mm Quick Fit	QWR2	Water Return Hose c/w 5/8" UNF LH	QWR3	Water Return Hose c/w 3/8" BSP	QWR4	Water Return Hose c/w M12 x 1.0	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>12</td><td>2.5ft Cables (3.8m)</td></tr><tr><td>25</td><td>25ft Cables (7.6m)</td></tr><tr><td>37</td><td>37ft Cables (11.3m)</td></tr><tr><td>50</td><td>50ft Cables (15.2m)</td></tr></table> <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>Q1KH</td><td>1 Button Momentary+1k Horizontal Pot</td></tr><tr><td>Q2KH</td><td>1 Button Momentary+5k Horizontal Pot</td></tr><tr><td>Q3KH</td><td>1 Button Momentary+10k Horizontal Pot</td></tr><tr><td>Q4KH</td><td>1 Button Momentary+25k Horizontal Pot</td></tr><tr><td>Q1TH</td><td>Maintained Switch+1k Horizontal Pot</td></tr><tr><td>Q2TH</td><td>Maintained Switch+5k Horizontal Pot</td></tr><tr><td>Q3TH</td><td>Maintained Switch+10k Horizontal Pot</td></tr><tr><td>Q4TH</td><td>Maintained Switch+25k Horizontal Pot</td></tr></table>	Part No.	Description	12	2.5ft Cables (3.8m)	25	25ft Cables (7.6m)	37	37ft Cables (11.3m)	50	50ft Cables (15.2m)	Part No.	Description	Q1KH	1 Button Momentary+1k Horizontal Pot	Q2KH	1 Button Momentary+5k Horizontal Pot	Q3KH	1 Button Momentary+10k Horizontal Pot	Q4KH	1 Button Momentary+25k Horizontal Pot	Q1TH	Maintained Switch+1k Horizontal Pot	Q2TH	Maintained Switch+5k Horizontal Pot	Q3TH	Maintained Switch+10k Horizontal Pot	Q4TH	Maintained Switch+25k Horizontal Pot	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QGS0</td><td>Open</td></tr><tr><td>QGS1</td><td>Gas Supply Hose c/w 3/8" BSP</td></tr><tr><td>QGS2</td><td>Gas Supply Hose c/w 5.0mm Quick Fit</td></tr><tr><td>QGS3</td><td>Gas Supply Hose c/w 5.95mm Quick Fit</td></tr><tr><td>QGS4</td><td>Gas Supply Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QGS5</td><td>Gas Supply Hose c/w 1/4" BSP</td></tr><tr><td>QGS6</td><td>Gas Supply Hose c/w M10 x 1.0</td></tr><tr><td>QGS7</td><td>Gas Supply Hose c/w 5/8" UNF RH</td></tr><tr><td>QGS8</td><td>Gas Supply Hose c/w M12 x 1.0</td></tr><tr><td>QGS9</td><td>Gas Supply Hose c/w 1/8" BSP</td></tr></table> # Gas Supply Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>Q1THS</td><td>Rotate on/off 1K Potentiometer Switch Kit</td></tr><tr><td>Q2THS</td><td>Rotate on/off 5K Potentiometer Switch Kit</td></tr><tr><td>Q3THS</td><td>Rotate on/off 10K Potentiometer Switch Kit</td></tr><tr><td>Q4THS</td><td>Rotate on/off 25K Potentiometer Switch Kit</td></tr></table> NOTE: See page 17 for switches explanation	Part No.	Description	QGS0	Open	QGS1	Gas Supply Hose c/w 3/8" BSP	QGS2	Gas Supply Hose c/w 5.0mm Quick Fit	QGS3	Gas Supply Hose c/w 5.95mm Quick Fit	QGS4	Gas Supply Hose c/w 8.9mm Quick Fit	QGS5	Gas Supply Hose c/w 1/4" BSP	QGS6	Gas Supply Hose c/w M10 x 1.0	QGS7	Gas Supply Hose c/w 5/8" UNF RH	QGS8	Gas Supply Hose c/w M12 x 1.0	QGS9	Gas Supply Hose c/w 1/8" BSP	Part No.	Description	Q1THS	Rotate on/off 1K Potentiometer Switch Kit	Q2THS	Rotate on/off 5K Potentiometer Switch Kit	Q3THS	Rotate on/off 10K Potentiometer Switch Kit	Q4THS	Rotate on/off 25K Potentiometer Switch Kit	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>PTP0</td><td>Blank</td></tr><tr><td>PTP1</td><td>7 Pin Uniarc Quick Fit</td></tr><tr><td>PTP2</td><td>5 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP3</td><td>3 Pin XS12 Series Plug Quick Fit</td></tr><tr><td>PTP4</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP5</td><td>6 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP6</td><td>7 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP7</td><td>14 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP8</td><td>9 Pin SP21 Series Plug Quick Fit</td></tr><tr><td>PTP9</td><td>5 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP10</td><td>9 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP15</td><td>7 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP16</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP19</td><td>2 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP21</td><td>4 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP22</td><td>3 Pin Tuchel Plug</td></tr></table> NOTE: See page 66 for cable plugs explanation	Part No.	Description	PTP0	Blank	PTP1	7 Pin Uniarc Quick Fit	PTP2	5 Pin Tuchel Plug Quick Fit	PTP3	3 Pin XS12 Series Plug Quick Fit	PTP4	5 Pin Amphenol Plug Quick Fit	PTP5	6 Pin Amphenol Plug Quick Fit	PTP6	7 Pin WS16 Series Plug Quick Fit	PTP7	14 Pin Amphenol Plug Quick Fit	PTP8	9 Pin SP21 Series Plug Quick Fit	PTP9	5 Pin WS16 Series Plug Quick Fit	PTP10	9 Pin Tuchel Plug Quick Fit	PTP15	7 Pin Amphenol Plug Quick Fit	PTP16	5 Pin Amphenol Plug Quick Fit	PTP19	2 Pin Amphenol Plug Quick Fit	PTP21	4 Pin Amphenol Plug Quick Fit	PTP22	3 Pin Tuchel Plug
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PARKER
TORCHOLOGY
SMART TORCH SOLUTIONS



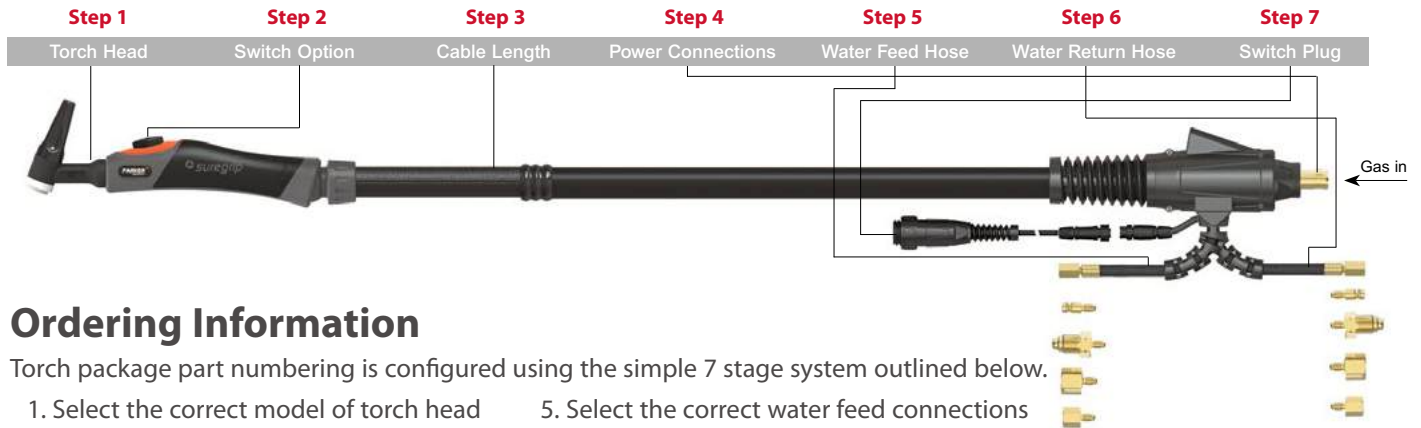
1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Add a switch plug if required

Step 1		Step 2		Step 3		Step 4		Step 5					
Torch Head		Switch Option		Cable Length		Power Connections		Switch Plug					
Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description				
Air-Cooled		12	12.5ft Cables (3.8m)	PTP0	Blank								
SGT9	125A DC	25	25ft Cables (7.6m)	PTP1	7 Pin Uniarc Quick Fit								
SGT9FX	125A DC FLEX	37	37ft Cables (11.3m)	PTP2	5 Pin Tuchel Plug Quick Fit								
SGT9FXL	125A DC FLEX LONG	50	50ft Cables (15.2m)	PTP3	3 Pin XS12 Series Plug Quick Fit								
SGT17	150A DC	Power Connections		PTP4	5 Pin Amphenol Plug Quick Fit								
SGT17FX	150A DC FLEX			PTP5	6 Pin Amphenol Plug Quick Fit								
SGT17FXL	150A DC FLEX LONG			PTP6	7 Pin WS16 Series Plug Quick Fit								
SGT26	180A DC			PTP7	14 Pin Amphenol Plug Quick Fit								
SGT26FX	180A DC FLEX			PTP8	9 Pin SP21 Series Plug Quick Fit								
Multijust		SLGT	Surelok GT3550	PTP9	5 Pin WS16 Series Plug Quick Fit								
SGTSF125M	150A DC	Power Connections		PTP10	9 Pin Tuchel Plug Quick Fit								
Modular				PTP15	7 Pin Amphenol Plug Quick Fit								
SGTA150	150A DC			PTP16	5 Pin Amphenol Plug Quick Fit								
SGTA200	180A DC			PTP19	2 Pin Amphenol Plug Quick Fit								
Cold-Wire				PTP21	4 Pin Amphenol Plug Quick Fit								
SGTCW17	150A DC	Power Connections		PTP22	3 Pin Tuchel Plug								
SGTCW26	180A DC			NOTE: See page 66 for cable plugs explanation									
NOTE: See page 14 for torch heads explanation													
		N	Blank Kit - No Trigger										
		QS1	Momentary Kit										
		QS2	2 Button Momentary Kit										
		QS3	3 Button Momentary Kit										
		QS4	4 Button Momentary Kit										
		QL1	Lever Momentary Kit										
		QT1	Maintained Switch Kit										
		Q1K	1 Button Momentary+1k Pot										
		Q2K	1 Button Momentary+5k Pot										
		Q3K	1 Button Momentary+10k Pot										
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		Q4T	Maintained Switch+25k Pot										
		Q1KH	1 Button Momentary+1k Horizontal Pot										
		Q2KH	1 Button Momentary+5k Horizontal Pot										
		Q3KH	1										

Suregrip One Tig Torch Range

Liquid-Cooled Torch Package Configurator

Surelok Gas Through Dinse 35mm



Ordering Information

Torch package part numbering is configured using the simple 7 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct water feed connections
6. Select the correct water return connections
7. Add a switch plug if required

Example:- SGT18FX-QS1-12-SLGT-QWF1-QWR1-PTP1

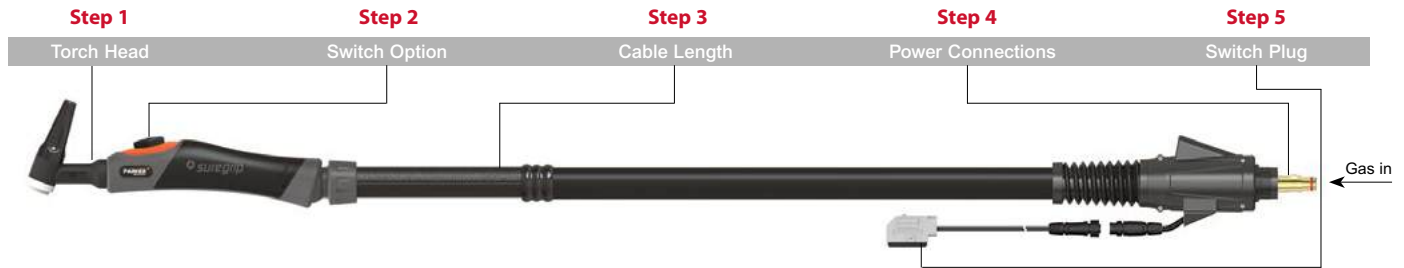
Suregrip SGT18FX One Torch x 12.5ft with momentary switch, quick fit water, and 7 pin Uniarc plug.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7																																																																																																																																																																	
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Water Feed Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWF0</td><td>Open</td></tr><tr><td>QWF1</td><td>Water Feed Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWF2</td><td>Water Feed Hose c/w 5/8" UNF LH</td></tr><tr><td>QWF3</td><td>Water Feed Hose c/w 3/8" BSP</td></tr><tr><td>QWF4</td><td>Water Feed Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 62 terminations explanation # Water Return Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWR0</td><td>Open</td></tr><tr><td>QWR1</td><td>Water Return Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWR2</td><td>Water Return Hose c/w 5/8" UNF LH</td></tr><tr><td>QWR3</td><td>Water Return Hose c/w 3/8" BSP</td></tr><tr><td>QWR4</td><td>Water Return Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 62 terminations explanation <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>12</td><td>12.5ft Cables (3.8m)</td></tr><tr><td>25</td><td>25ft Cables (7.6m)</td></tr><tr><td>37</td><td>37ft Cables (11.3m)</td></tr><tr><td>50</td><td>50ft Cables (15.2m)</td></tr></table> <table><tr><td>Q1KH</td><td>1 Button Momentary+1k Horizontal Pot</td></tr><tr><td>Q2KH</td><td>1 Button Momentary+5k Horizontal Pot</td></tr><tr><td>Q3KH</td><td>1 Button Momentary+10k Horizontal Pot</td></tr><tr><td>Q4KH</td><td>1 Button Momentary+25k Horizontal Pot</td></tr><tr><td>Q1TH</td><td>Maintained Switch+1k Horizontal Pot</td></tr><tr><td>Q2TH</td><td>Maintained Switch+5k Horizontal Pot</td></tr></table>	Part No.	Description	SLGT	Surelok GT3550	Part No.	Description	QWF0	Open	QWF1	Water Feed Hose c/w 8.9mm Quick Fit	QWF2	Water Feed Hose c/w 5/8" UNF LH	QWF3	Water Feed Hose c/w 3/8" BSP	QWF4	Water Feed Hose c/w M12 x 1.0	Part No.	Description	QWR0	Open	QWR1	Water Return Hose c/w 8.9mm Quick Fit	QWR2	Water Return Hose c/w 5/8" UNF LH	QWR3	Water Return Hose c/w 3/8" BSP	QWR4	Water Return Hose c/w M12 x 1.0	Part No.	Description	12	12.5ft Cables (3.8m)	25	25ft Cables (7.6m)	37	37ft Cables (11.3m)	50	50ft Cables (15.2m)	Q1KH	1 Button Momentary+1k Horizontal Pot	Q2KH	1 Button Momentary+5k Horizontal Pot	Q3KH	1 Button Momentary+10k Horizontal Pot	Q4KH	1 Button Momentary+25k Horizontal Pot	Q1TH	Maintained Switch+1k Horizontal Pot	Q2TH	Maintained Switch+5k Horizontal Pot	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>PTP0</td><td>Blank</td></tr><tr><td>PTP1</td><td>7 Pin Uniarc Quick Fit</td></tr><tr><td>PTP2</td><td>5 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP3</td><td>3 Pin XS12 Series Plug Quick Fit</td></tr><tr><td>PTP4</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP5</td><td>6 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP6</td><td>7 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP7</td><td>14 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP8</td><td>9 Pin SP21 Series Plug Quick Fit</td></tr><tr><td>PTP9</td><td>5 Pin WS16 Series Plug Quick Fit</td></tr><tr><td>PTP10</td><td>9 Pin Tuchel Plug Quick Fit</td></tr><tr><td>PTP15</td><td>7 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP16</td><td>5 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP19</td><td>2 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP21</td><td>4 Pin Amphenol Plug Quick Fit</td></tr><tr><td>PTP22</td><td>3 Pin Tuchel Plug</td></tr></table> NOTE: See page 66 for cable plugs explanation <table><tr><td>Q3TH</td><td>Maintained Switch+10k Horizontal Pot</td></tr><tr><td>Q4TH</td><td>Maintained Switch+25k Horizontal Pot</td></tr><tr><td>Q1THS</td><td>Rotate on/off 1K Potentiometer Switch Kit</td></tr><tr><td>Q2THS</td><td>Rotate on/off 5K Potentiometer Switch Kit</td></tr><tr><td>Q3THS</td><td>Rotate on/off 10K Potentiometer Switch Kit</td></tr><tr><td>Q4THS</td><td>Rotate on/off 25K Potentiometer Switch Kit</td></tr></table> NOTE: See page 17 for switches explanation	Part No.	Description	PTP0	Blank	PTP1	7 Pin Uniarc Quick Fit	PTP2	5 Pin Tuchel Plug Quick Fit	PTP3	3 Pin XS12 Series Plug Quick Fit	PTP4	5 Pin Amphenol Plug Quick Fit	PTP5	6 Pin Amphenol Plug Quick Fit	PTP6	7 Pin WS16 Series Plug Quick Fit	PTP7	14 Pin Amphenol Plug Quick Fit	PTP8	9 Pin SP21 Series Plug Quick Fit	PTP9	5 Pin WS16 Series Plug Quick Fit	PTP10	9 Pin Tuchel Plug Quick Fit	PTP15	7 Pin Amphenol Plug Quick Fit	PTP16	5 Pin Amphenol Plug Quick Fit	PTP19	2 Pin Amphenol Plug Quick Fit	PTP21	4 Pin Amphenol Plug Quick Fit	PTP22	3 Pin Tuchel Plug	Q3TH	Maintained Switch+10k Horizontal Pot	Q4TH	Maintained Switch+25k Horizontal Pot	Q1THS	Rotate on/off 1K Potentiometer Switch Kit	Q2THS	Rotate on/off 5K Potentiometer Switch Kit	Q3THS	Rotate on/off 10K Potentiometer Switch Kit	Q4THS	Rotate on/off 25K Potentiometer Switch Kit
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Suregrip One Tig Torch Range

Air-Cooled Torch Package Configurator

Surelok Gas Through Dinse 35mm - FRN



Ordering Information

Torch package part numbering is configured using the simple 5 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Add a switch plug if required

Example:- SGT9-QS1-12-GT-PTP10

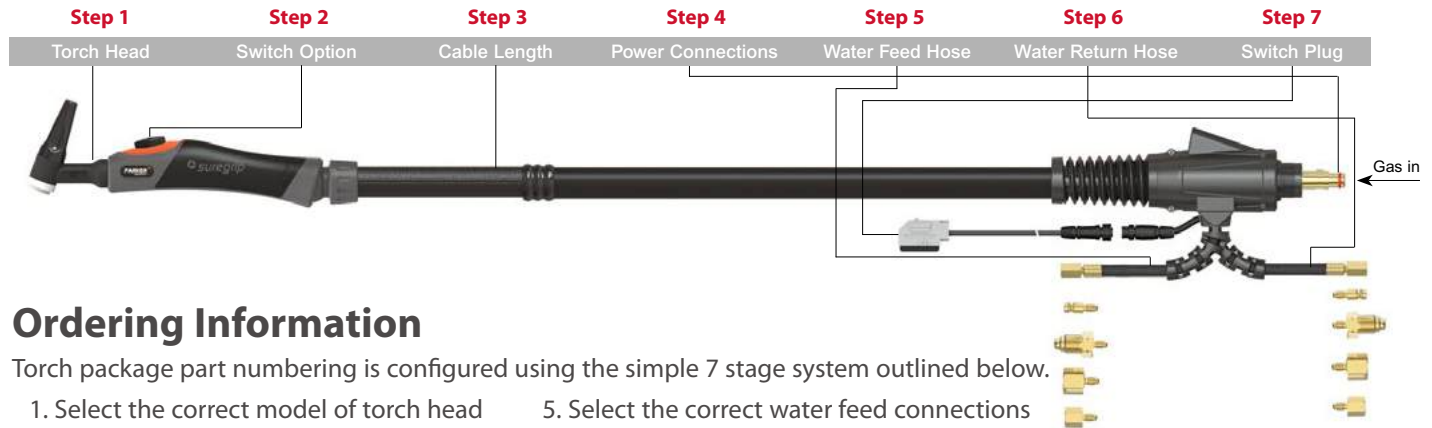
Suregrip SGT9 One Torch x 12.5ft with momentary switch, Air-Cooled Surelok GT Gas Through style and 9 pin Tuchel plug.

Step 1		Step 2		Step 3		Step 4		Step 5	
Torch Head		Switch Option		Cable Length		Power Connections		Switch Plug	
Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
Air-Cooled				12	12.5ft Cables (3.8m)			PTP0	Blank
SGT9	125A DC			25	25ft Cables (7.6m)			PTP10	9 Pin Tuchel Plug Quick Fit
SGT9FX	125A DC FLEX			37	37ft Cables (11.3m)			NOTE: See page 66 for cable plugs explanation	
SGT9FXL	125A DC FLEX LONG			50	50ft Cables (15.2m)				
SGT17	150A DC								
SGT17FX	150A DC FLEX								
SGT17FXL	150A DC FLEX LONG								
SGT26	180A DC								
SGT26FX	180A DC FLEX								
Multijust									
SGTSF125M	150A DC								
Modular									
SGTA150	150A DC								
SGTA200	180A DC								
Cold-Wire									
SGTCW17	150A DC								
SGTCW26	180A DC								
NOTE: See page 14 for torch heads explanation									

Suregrip One Tig Torch Range

Liquid-Cooled Torch Package Configurator

Surelok Gas Through Dinse 35mm - FRN



Ordering Information

Torch package part numbering is configured using the simple 7 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct water feed connections
6. Select the correct water return connections
7. Add a switch plug if required

Example:- SGT18FX-QS1-12-GT-QWF1-QWR1-PTP10

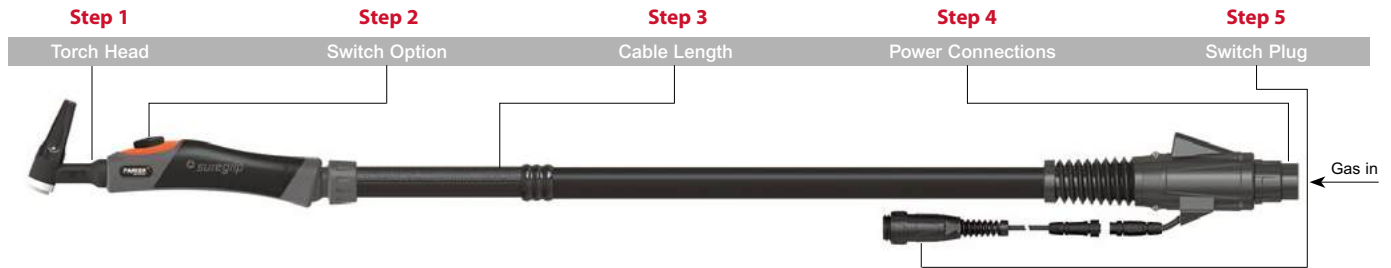
Suregrip SGT18FX One Torch x 12.5ft with momentary switch, quick fit water, and 9 pin Tuchel plug.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7																																																																																																																																									
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No Trigger</td></tr><tr><td>QS1</td><td>Momentary Kit</td></tr><tr><td>QS2</td><td>2 Button Momentary Kit</td></tr><tr><td>QS3</td><td>3 Button Momentary Kit</td></tr><tr><td>QS4</td><td>4 Button Momentary Kit</td></tr><tr><td>QL1</td><td>Lever Momentary Kit</td></tr><tr><td>QT1</td><td>Maintained Switch Kit</td></tr><tr><td>Q1K</td><td>1 Button Momentary+1k Pot</td></tr><tr><td>Q2K</td><td>1 Button Momentary+5k Pot</td></tr><tr><td>Q3K</td><td>1 Button Momentary+10k Pot</td></tr><tr><td>Q4K</td><td>1 Button Momentary+25k Pot</td></tr><tr><td>Q1T</td><td>Maintained Switch+1k Pot</td></tr><tr><td>Q2T</td><td>Maintained Switch+5k Pot</td></tr><tr><td>Q3T</td><td>Maintained Switch+10k Pot</td></tr><tr><td>Q4T</td><td>Maintained Switch+25k Pot</td></tr></table>	Part No.	Description	N	Blank Kit - No Trigger	QS1	Momentary Kit	QS2	2 Button Momentary Kit	QS3	3 Button Momentary Kit	QS4	4 Button Momentary Kit	QL1	Lever Momentary Kit	QT1	Maintained Switch Kit	Q1K	1 Button Momentary+1k Pot	Q2K	1 Button Momentary+5k Pot	Q3K	1 Button Momentary+10k Pot	Q4K	1 Button Momentary+25k Pot	Q1T	Maintained Switch+1k Pot	Q2T	Maintained Switch+5k Pot	Q3T	Maintained Switch+10k Pot	Q4T	Maintained Switch+25k Pot	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>12</td><td>12.5ft Cables (3.8m)</td></tr><tr><td>25</td><td>25ft Cables (7.6m)</td></tr><tr><td>37</td><td>37ft Cables (11.3m)</td></tr><tr><td>50</td><td>50ft Cables (15.2m)</td></tr></table>	Part No.	Description	12	12.5ft Cables (3.8m)	25	25ft Cables (7.6m)	37	37ft Cables (11.3m)	50	50ft Cables (15.2m)	Power Connections <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>GT</td><td>Gas Through Surelok</td></tr></table> # Water Feed Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWF0</td><td>Open</td></tr><tr><td>QWF1</td><td>Water Feed Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWF2</td><td>Water Feed Hose c/w 5/8" UNF LH</td></tr><tr><td>QWF3</td><td>Water Feed Hose c/w 3/8" BSP</td></tr><tr><td>QWF4</td><td>Water Feed Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 63 terminations explanation # Water Return Hose <table><tr><th>Part No.</th><th>Description</th></tr><tr><td>QWR0</td><td>Open</td></tr><tr><td>QWR1</td><td>Water Return Hose c/w 8.9mm Quick Fit</td></tr><tr><td>QWR2</td><td>Water Return Hose c/w 5/8" UNF LH</td></tr><tr><td>QWR3</td><td>Water Return Hose c/w 3/8" BSP</td></tr><tr><td>QWR4</td><td>Water Return Hose c/w M12 x 1.0</td></tr></table> NOTE: See page 63 terminations explanation	Part No.	Description	GT	Gas Through Surelok	Part No.	Description	QWF0	Open	QWF1	Water Feed Hose c/w 8.9mm Quick Fit	QWF2	Water Feed Hose c/w 5/8" UNF LH	QWF3	Water Feed Hose c/w 3/8" BSP	QWF4	Water Feed Hose c/w M12 x 1.0	Part No.	Description	QWR0	Open	QWR1	Water Return Hose c/w 8.9mm Quick Fit	QWR2	Water Return Hose c/w 5/8" UNF LH	QWR3	Water Return Hose c/w 3/8" BSP	QWR4	Water Return Hose c/w M12 x 1.0	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>PTP0</td><td>Blank</td></tr><tr><td>PTP10</td><td>9 Pin Tuchel Plug Quick Fit</td></tr></table> NOTE: See page 66 for cable plugs explanation	Part No.	Description	PTP0	Blank	PTP10	9 Pin Tuchel Plug Quick Fit	<table><tr><th>Part No.</th><th>Description</th></tr><tr><td>Q1KH</td><td>1 Button Momentary+1k Horizontal Pot</td></tr><tr><td>Q2KH</td><td>1 Button Momentary+5k Horizontal Pot</td></tr><tr><td>Q3KH</td><td>1 Button Momentary+10k Horizontal Pot</td></tr><tr><td>Q4KH</td><td>1 Button Momentary+25k Horizontal Pot</td></tr><tr><td>Q1TH</td><td>Maintained Switch+1k Horizontal Pot</td></tr><tr><td>Q2TH</td><td>Maintained Switch+5k Horizontal Pot</td></tr><tr><td>Q3TH</td><td>Maintained Switch+10k Horizontal Pot</td></tr><tr><td>Q4TH</td><td>Maintained Switch+25k Horizontal Pot</td></tr><tr><td>Q1THS</td><td>Rotate on/off 1K Potentiometer Switch Kit</td></tr><tr><td>Q2THS</td><td>Rotate on/off 5K Potentiometer Switch Kit</td></tr><tr><td>Q3THS</td><td>Rotate on/off 10K Potentiometer Switch Kit</td></tr><tr><td>Q4THS</td><td>Rotate on/off 25K Potentiometer Switch Kit</td></tr></table> NOTE: See page 17 for switches explanation	Part No.	Description	Q1KH	1 Button Momentary+1k Horizontal Pot	Q2KH	1 Button Momentary+5k Horizontal Pot	Q3KH	1 Button Momentary+10k Horizontal Pot	Q4KH	1 Button Momentary+25k Horizontal Pot	Q1TH	Maintained Switch+1k Horizontal Pot	Q2TH	Maintained Switch+5k Horizontal Pot	Q3TH	Maintained Switch+10k Horizontal Pot	Q4TH	Maintained Switch+25k Horizontal Pot	Q1THS	Rotate on/off 1K Potentiometer Switch Kit	Q2THS	Rotate on/off 5K Potentiometer Switch Kit	Q3THS	Rotate on/off 10K Potentiometer Switch Kit	Q4THS	Rotate on/off 25K Potentiometer Switch Kit
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Suregrip One Tig Torch Range

Air-Cooled Torch Package Configurator

Surelok Gas Through QD



Ordering Information

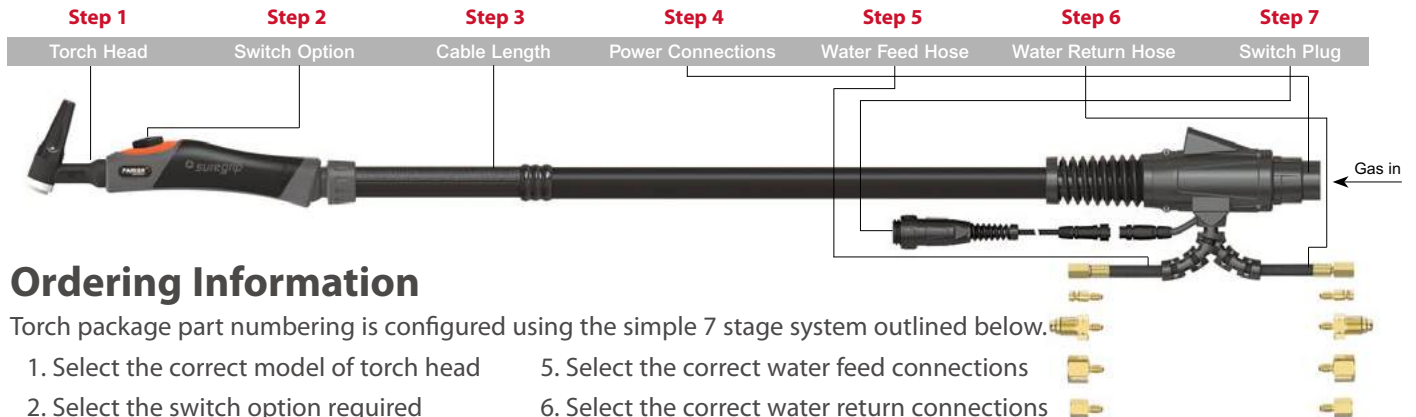
Torch package part numbering is configured using the simple 5 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Add a switch plug if required

Example:- SGT9-QS1-12-QD1-PTP1

Suregrip SGT9 One Torch x 12.5ft with momentary switch, Air-Cooled Surelok QD Gas Through 1/4"BSP and 7 pin Uniarc plug.

Step 1		Step 2		Step 3		Step 4		Step 5	
Torch Head		Switch Option		Cable Length		Power Connections		Switch Plug	
Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
Air-Cooled		12	12.5ft Cables (3.8m)	QD1	Surelok QD 1/4" BSP Connector Assembly	Q1KH	1 Button Momentary+1k Horizontal Pot	PTP0	Blank
SGT9	125A DC	25	25ft Cables (7.6m)	QD2	Surelok QD 3/8" BSP Connector Assembly	Q2KH	1 Button Momentary+5k Horizontal Pot	PTP1	7 Pin Uniarc Quick Fit
SGT9FX	125A DC FLEX	37	37ft Cables (11.3m)	QD3	Surelok QD M12 x 1.0 Connector Assembly	Q3KH	1 Button Momentary+10k Horizontal Pot	PTP2	5 Pin Tuchel Plug Quick Fit
SGT9FXL	125A DC FLEX LONG	50	50ft Cables (15.2m)	QD4	Surelok QD M16 x 1.5 Connector Assembly	Q4KH	1 Button Momentary+25k Horizontal Pot	PTP3	3 Pin XS12 Series Plug Quick Fit
SGT17	150A DC					Q1TH	Maintained Switch+1k Horizontal Pot	PTP4	5 Pin Amphenol Plug Quick Fit
SGT17FX	150A DC FLEX					Q2TH	Maintained Switch+5k Horizontal Pot	PTP5	6 Pin Amphenol Plug Quick Fit
SGT17FXL	150A DC FLEX LONG					Q3TH	Maintained Switch+10k Horizontal Pot	PTP6	7 Pin WS16 Series Plug Quick Fit
SGT26	180A DC					Q4TH	Maintained Switch+25k Horizontal Pot	PTP7	14 Pin Amphenol Plug Quick Fit
SGT26FX	180A DC FLEX					Q1THS	Rotate on/off 1K Potentiometer Switch Kit	PTP8	9 Pin SP21 Series Plug Quick Fit
Multijust						Q2THS	Rotate on/off 5K Potentiometer Switch Kit	PTP9	5 Pin WS16 Series Plug Quick Fit
SGTSF125M	150A DC					Q3THS	Rotate on/off 10K Potentiometer Switch Kit	PTP10	9 Pin Tuchel Plug Quick Fit
Modular						Q4THS	Rotate on/off 25K Potentiometer Switch Kit	PTP15	7 Pin Amphenol Plug Quick Fit
SGTA150	150A DC							PTP16	5 Pin Amphenol Plug Quick Fit
SGTA200	180A DC							PTP19	2 Pin Amphenol Plug Quick Fit
Cold-Wire								PTP21	4 Pin Amphenol Plug Quick Fit
SGTCW17	150A DC							PTP22	3 Pin Tuchel Plug
SGTCW26	180A DC							NOTE: See page 66 for cable plugs explanation	
NOTE: See page 14 for torch heads explanation									



Ordering Information

Torch package part numbering is configured using the simple 7 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct water feed connections
6. Select the correct water return connections
7. Add a switch plug if required

Example:- SGT18FX-QS1-12-QD5-QWF1-QWR1-PTP1

Suregrip SGT18FX One Torch x 12.5ft with momentary switch, Liquid-Cooled Surelok PQD5 1/4"BSP, QF 8.9mm water feed and Return, 7 pin Uniarc plug.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7																																																																																																																																																																																																											
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Suregrip One Tig Torch Range

Liquid-Cooled Torch Package Configurator

Surelok QD



Ordering Information

Torch package part numbering is configured using the simple 7 stage system outlined below.

1. Select the correct model of torch head
2. Select the switch option required
3. Select the length of cable required
4. Select the correct power connections
5. Select the correct water feed connections
6. Select the correct gas hose connections
7. Add a switch plug if required

Example:- SGT18FX-QS1-12-QD1-QWF1-QGS5-PTP1

Suregrip SGT18FX One Torch x 12.5ft with momentary switch, Liquid-Cooled Surelok QD 1/4"BSP, QF 8.9mm water feed, 1/4"BSP Gas Supply, 7 pin Uniarc plug.

Step 1

Torch Head

Step 2

Switch Option

Step 3

Cable Length

Step 4

Power Connections

Step 5

Water Feed Hose

Step 6

Gas Hose

Step 7

Switch Plug

Part No.

Description

Liquid-Cooled

SGT24W

180A DC

SGT20

225A DC

SGT20S

340A DC

SGT20FXL

225A DC FLEX LONG

SGT18

380A DC

SGT18FX

380A DC FLEX

SGT18SC

410A DC

Multijust

SGTSF250M

250A DC

Modular

SGTW225

225A DC FLEX

Cold-Wire

SGTCW18

180A DC

SGTCW18SC

410A DC

Hot-Wire

SGTHCW18SC

410A DC

NOTE: See page 14 for torch heads explanation

Part No.

Description

Power Connections

QD1

Surelok QD 1/4" BSP Connector Assembly

QD2

Surelok QD 3/8" BSP Connector Assembly

QD3

Surelok QD M12 x 1.0 Connector Assembly

QD4

Surelok QD M16 x 1.5 Connector Assembly

NOTE: See page 65 terminations explanation

Water Feed Hose

Part No.

Description

QWF0

Open

QWF1

Water Feed Hose c/w 8.9mm Quick Fit

QWF2

Water Feed Hose c/w 5/8" UNF LH

QWF3

Water Feed Hose c/w 3/8" BSP

QWF4

Water Feed Hose c/w M12 x 1.0

NOTE: See page 65 terminations explanation

Part No.

Description

12

12.5ft Cables (3.8m)

25

25ft Cables (7.6m)

37

37ft Cables (11.3m)

50

50ft Cables (15.2m)

NOTE: See page 17 for switches explanation

Part No.

Description

PTP0

Blank

PTP1

7 Pin Uniarc Quick Fit

PTP2

5 Pin Tuchel Plug Quick Fit

PTP3

3 Pin XS12 Series Plug Quick Fit

PTP4

5 Pin Amphenol Plug Quick Fit

PTP5

6 Pin Amphenol Plug Quick Fit

PTP6

7 Pin WS16 Series Plug Quick Fit

PTP7

14 Pin Amphenol Plug Quick Fit

PTP8

9 Pin SP21 Series Plug Quick Fit

PTP9

5 Pin WS16 Series Plug Quick Fit

PTP10

9 Pin Tuchel Plug Quick Fit

PTP15

7 Pin Amphenol Plug Quick Fit

PTP16

5 Pin Amphenol Plug Quick Fit

PTP19

2 Pin Amphenol Plug Quick Fit

PTP21

4 Pin Amphenol Plug Quick Fit

PTP22

3 Pin Tuchel Plug

NOTE: See page 66 for cable plugs explanation

Part No.

Description

Gas Supply Hose

QGS0

Open

QGS1

Gas Supply Hose c/w 3/8" BSP

QGS2

Gas Supply Hose c/w 5.0mm Quick Fit

QGS3

Gas Supply Hose c/w 5.95mm Quick Fit

QGS4

Gas Supply Hose c/w 8.9mm Quick Fit

QGS5

Gas Supply Hose c/w 1/4" BSP

QGS6

Gas Supply Hose c/w M10 x 1.0

QGS7

Gas Supply Hose c/w 5/8" UNF RH

QGS8

Gas Supply Hose c/w M12 x 1.0

QGS9

Gas Supply Hose c/w 1/8" BSP

NOTE: See page 65 terminations explanation

Part No.

Description

N

Blank Kit - No Trigger

QS1

Momentary Kit

QS2

2 Button Momentary Kit

QS3

3 Button Momentary Kit

QS4

4 Button Momentary Kit

QL1

Lever Momentary Kit

QT1

Maintained Switch Kit

Q1K

1 Button Momentary+1k Pot

Q2K

1 Button Momentary+5k Pot

Q3K

1 Button Momentary+10k Pot

Q4K

1 Button Momentary+25k Pot

Q1T

Maintained Switch+1k Pot

Q2T

Maintained Switch+5k Pot

Q3T

Maintained Switch+10k Pot

Q4T

Maintained Switch+25k Pot

Part No.

Description

Q1KH

1 Button Momentary+1k Horizontal Pot

Q2KH

1 Button Momentary+5k Horizontal Pot

Q3KH

1 Button Momentary+10k Horizontal Pot

Q4KH

1 Button Momentary+25k Horizontal Pot

Q1TH

Maintained Switch+1k Horizontal Pot

Q2TH

Maintained Switch+5k Horizontal Pot

Q3TH

Maintained Switch+10k Horizontal Pot

Q4TH

Maintained Switch+25k Horizontal Pot

Q1THS

Rotate on/off 1K Potentiometer Switch Kit

Q2THS

Rotate on/off 5K Potentiometer Switch Kit

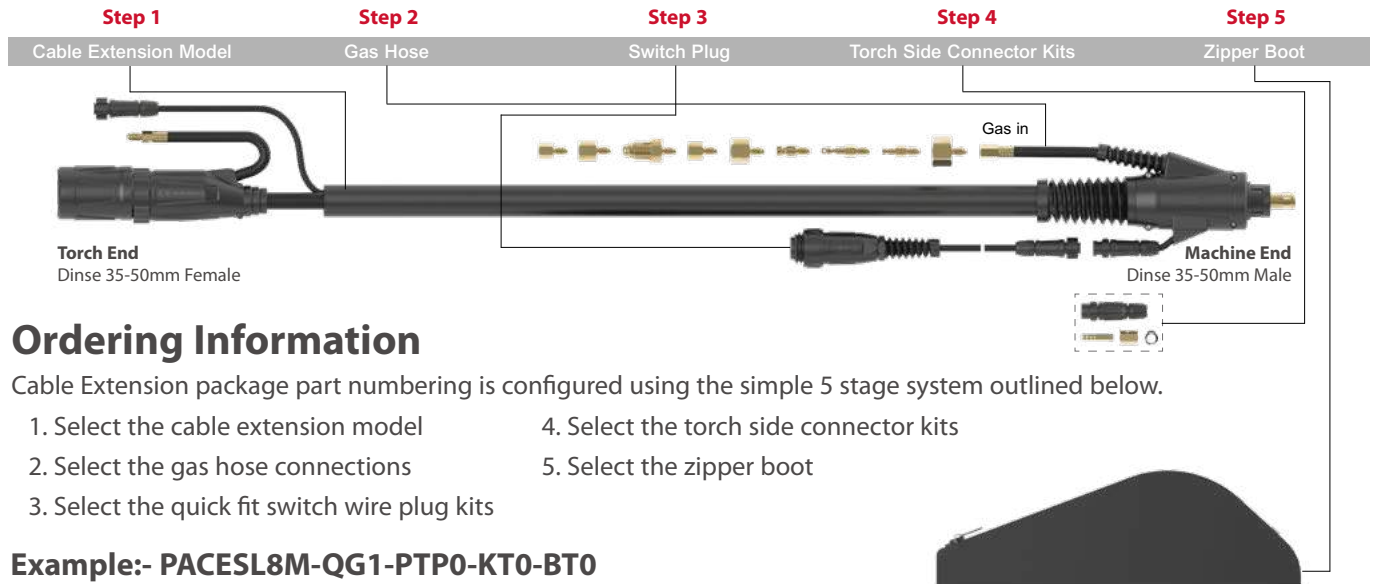
Q3THS

Rotate on/off 10K Potentiometer Switch Kit

Q4THS

Rotate on/off 25K Potentiometer Switch Kit

NOTE: See page 17 for switches explanation



Ordering Information

Cable Extension package part numbering is configured using the simple 5 stage system outlined below.

1. Select the cable extension model
2. Select the gas hose connections
3. Select the quick fit switch wire plug kits
4. Select the torch side connector kits
5. Select the zipper boot

Example:- PACESL8M-QG1-PTP0-KT0-BT0

8mt Air-Cooled Extension Assembly Surelok End, Gas Hose 3/8" BSP

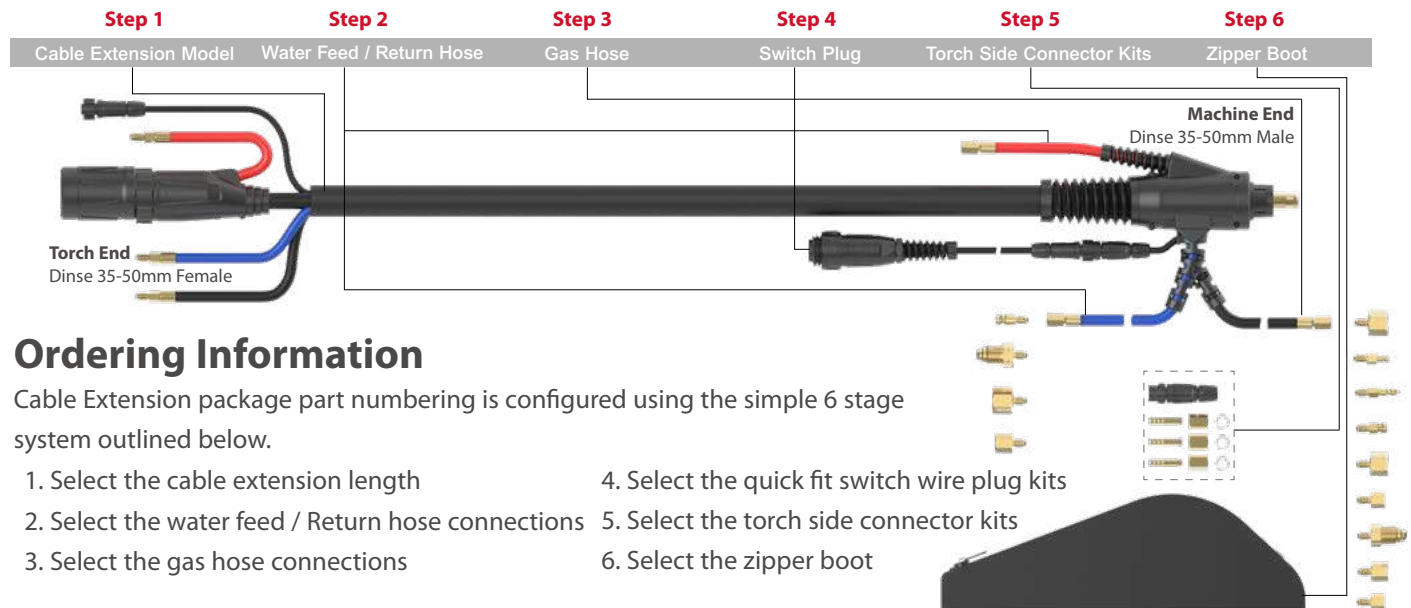
Step 1		Step 2		Step 3		Step 4		Step 5	
Cable Extension Model		Gas Hose Connections		Switch Plug		Torch Side Connector Kits		Zipper Boot	
Part No.	Description			Part No.	Description	Part No.	Description		
PACESL8M	Air-Cooled Cable Extension 8mt			PTP0	Blank	KT0	No Torch Side Connector Kit		
PACESL16M	Air-Cooled Cable Extension 16mt			PTP1	7 Pin Uniarc Quick Fit	KT1	Torch Side Connector Kit		
Part No.	Description			PTP2	5 Pin Tuchel Plug Quick Fit				
QG0	Gas Hose c/w Universal Adapter			PTP3	3 Pin XS12 Series Plug Quick Fit				
QG1	Gas Supply Hose c/w 3/8" BSP			PTP4	5 Pin Amphenol Plug Quick Fit				
QG2	Gas Supply Hose c/w 5.0mm Quick Fit			PTP5	6 Pin Amphenol Plug Quick Fit				
QG3	Gas Supply Hose c/w 5.95mm Quick Fit			PTP6	7 Pin WS16 Series Plug Quick Fit				
QG4	Gas Supply Hose c/w 8.9mm Quick Fit			PTP7	14 Pin Amphenol Plug Quick Fit				
QG5	Gas Supply Hose c/w 1/4" BSP			PTP8	9 Pin SP21 Series Plug Quick Fit				
QG6	Gas Supply Hose c/w M10 x 1.0			PTP9	5 Pin WS16 Series Plug Quick Fit				
QG7	Gas Supply Hose c/w 5/8" UNF RH			PTP10	9 Pin Tuchel Plug Quick Fit				
QG8	Gas Supply Hose c/w M12 x 1.0			PTP15	7 Pin Amphenol Plug Quick Fit				
QG9	Gas Supply Hose c/w 1/8" BSP								
Part No.	Description					Part No.	Description		
BT0	No Zipper Boot					BT1	Zipper Boot		
BT1	Zipper Boot								

Technical Data

Cable Extension Length		8mt	8mt	16mt	16mt
Torch Length		4mt	8mt	8mt	16mt
Total Length		12mt	16mt	24mt	32mt
Cooling Method		Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Rating:	DC	180A	180A	180A	180A
	AC	125A	125A	125A	125A
Duty Cycle:		35%	35%	35%	35%

Suregrip One Cable Extension Range

Liquid-Cooled Cable Extension Configurator



Ordering Information

Cable Extension package part numbering is configured using the simple 6 stage system outlined below.

1. Select the cable extension length
2. Select the water feed / Return hose connections
3. Select the gas hose connections
4. Select the quick fit switch wire plug kits
5. Select the torch side connector kits
6. Select the zipper boot

Example:- PWCESL8M-QW3-QG1-PTP0-KT0-BT0

8mt Liquid-Cooled Cable Extension Assembly Surelok End, Water Hose 3/8" BSP, Gas Hose 3/8" BSP

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6																																																				
Cable Extension Model	Water Feed / Return Hose	Gas Hose	Switch Plug	Torch Side Connector Kits	Zipper Boot																																																				
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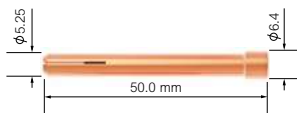
Technical Data

Cable Extension Length	8mt	8mt	16mt	16mt
Torch Length	4mt	8mt	8mt	16mt
Total Length	12mt	16mt	24mt	32mt
Cooling Method	Liquid-Cooled	Liquid-Cooled	Liquid-Cooled	Liquid-Cooled
Rating: DC	450A	410A	340A	310A
AC	315A	290A	240A	215A
Duty Cycle:	60%	60%	60%	60%
Minimum Water Flow	1.8 l/min	1.6 l/min	1.4 l/min	1.4 l/min
Minimum Water Inlet Pressure	2.5 Bar	2.5 Bar	2.5 Bar	2.5 Bar
Minimum Cooling Requirements	1600W	1600W	1600W	1600W
Maximum Water Inlet Pressure	5.0 Bar	5.0 Bar	5.0 Bar	5.0 Bar
Maximum Water Inlet Temperature	50°C	50°C	50°C	50°C

Standard Collets

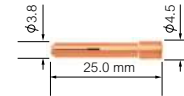
SGT/SGTCW 17/18/18SC/26/125M 250M/225F

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



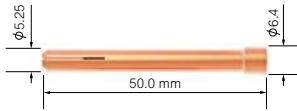
SGT 9/20/20S/125M/250M/225F

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



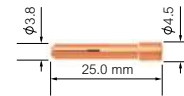
SGT/SGTCW 18/18SC/125M/250M/225F

Part No.	Description	Electrode Size	
		mm	inch
P54N20	Standard Collet	4.0	5/32



SGT 20/20S/125M/250M/225F

Part No.	Description	Electrode Size	
		mm	inch
P13N24	Standard Collet	3.2	1/8



SGT 24W/225F

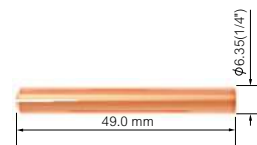
Part No.	Description	Electrode Size	
		mm	inch
P53N14	Standard Collet	1.6	1/16
P53N16	Standard Collet	1.0	0.040
P24C332	Standard Collet	2.4	3/32



Heavy Duty Collets

SGT/SGTCW 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

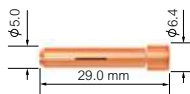


Wear Parts

Stubby Series Collets

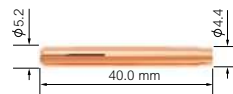
SGT/SGTCW 17/18/26/125M/250M/225F

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



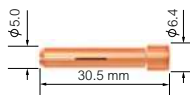
SGT 9/20/20S/125M/250M/225F

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



SGT/SGTCW 17/18/26/125M/250M/225F

Part No.	Description	Electrode 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

SGT/SGTCW 17/18/26/125M/250M/225F

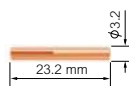
Part No.	Description	Electrode Size	
		mm	inch
P10N28	Standard Collet Body	3.2	1/8
P10N29	Standard Collet Body	0.5	0.020
P10N30	Standard Collet Body	1.0	0.040
P10N31	Standard Collet Body	1.6	1/16
P10N31M	Standard Collet Body	2.0	5/64
P10N32	Standard Collet Body	2.4	3/32



Gas Lens Collets

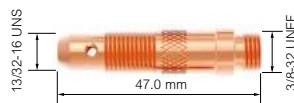
SGT 24W/225F

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



SGT/SGTCW 18/250M/225F

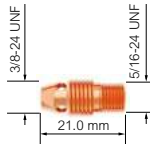
Part No.	Description	Electrode Size	
		mm	inch
P406488	Standard Collet Body	4.0	5/32



Standard Collet Bodies

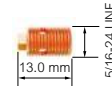
SGT 9/20/20S/125M/250M/225F

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



SGT 24W/225F

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



Heavy Duty Nose Collet Bodies

SGT/SGTCW 18SC

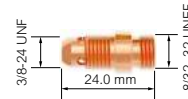
Part No.	Description	Bore
		mm
PNCB-36	Heavy Duty Nose Collet Body	5.0
PNCB-53	Standard Nose Collet Body	3.4



Stubby Collet Bodies

SGT/SGTCW 17/18/26/125M/250M/225F

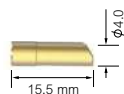
Part No.	Description	Bore
P17CB20	Stubby Collet Body	3.5



Short Series Collet

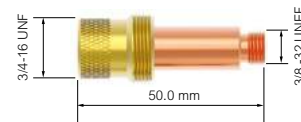
SGT9/20/20S

Part No.	Description	Electrode Size	
		mm	inch
P13N21ES	Short Collet	1.0	0.040
P13N22ES	Short Collet	1.6	1/16
P13N23ES	Short Collet	2.4	3/32
P13N24ES	Short Collet	3.2	1/8



SGT/SGTCW 17/18/26/125M/250M/225F

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
P45V29	Gas Lens Body	0.5	0.020

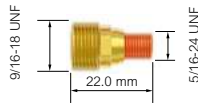


Wear Parts

Gas Lens Bodies

SGT 9/20/20S/24W/125M/250M/225F

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



SGT 9/20/20S/125M/250M/225F

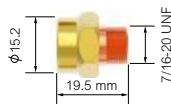
Part No.	Description	Electrode Size	
		mm	inch
P45V45	Gas Lens Body	3.2	1/8



Stubby Gas Lens Bodies

SGT/SGTCW 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



SGT/SGTCW 17/18/26/125M/250M/225F

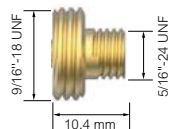
Part No.	Description	Electrode Size	
		mm	inch
PSTB45V41	Stubby Gas Lens Body	0.5	0.020
PSTB45V42	Stubby Gas Lens Body	1.0	0.040
PSTB45V43	Stubby Gas Lens Body	1.6	1/16
PSTB45V43M	Stubby Gas Lens Body	2.0	5/64
PSTB45V44	Stubby Gas Lens Body	2.4	3/32
PSTB45V45	Stubby Gas Lens Body	3.2	1/8



Short Gas Lens Bodies

SGT9/20/20S/24W

Part No.	Description	Electrode Size	
		mm	inch
P45V42ES	Short Gas Lens Body	1.0	0.040
P45V43ES	Short Gas Lens Body	1.6	1/16
P45V44ES	Short Gas Lens Body	2.4	3/32
P45V45ES	Short Gas Lens Body	3.2	1/8



Large Diameter Gas Lens Bodies

SGT/SGTCW 17/18/26/125M/250M/225F

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



Large Diameter Gas Lens Bodies

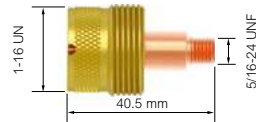
SGT 9/20/20S/125M/250M/225F

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



SGT 20/20S/125M/250M/225F

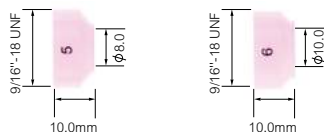
Part No.	Description	Electrode Size	
		mm	inch
P995795S	Large Diameter Gas Lens Body	3.2	1/8



Short Gas Lens Ceramic Cups

SGT9/20/20S/24W

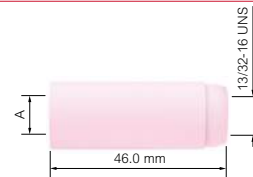
Part No.	Description	Size	Bore A	
			mm	inch
P53N59ES	Short Gas Lens Ceramic Cup	5	8	5/16
P53N60ES	Short Gas Lens Ceramic Cup	6	10	3/8



Standard Ceramic Cups

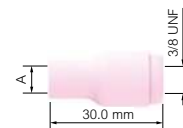
SGT/SGTCW 17/18/26/125M/250M/225F

Part No.	Description	Size	Bore A	
			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



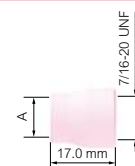
SGT/SGTCW 9/17/18/20/20S/26/125M/250M/225F

Part No.	Description	Size	Bore A	
			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



SGT 24W/225F

Part No.	Description	Size	Bore A	
			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 Extra Long Ceramic Cups

SGT 9/20/20S/125M/250M/225F

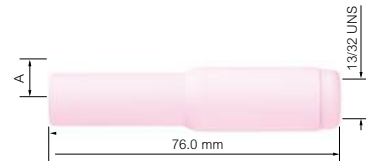
Part No.	Description	Size	Bore A	
			mm	inch
P796F74	Standard Extra Long Ceramic Cup	3	5	3/16
P796F75	Standard Extra Long Ceramic Cup	4	6	1/4
P796F76	Standard Extra Long Ceramic Cup	5	8	5/16
P796F77	Standard Extra Long Ceramic Cup	6	10	3/8



Standard Long Ceramic Cups

SGT/SGTCW 17/18/26/125M/250M/225F

Part No.	Description	Size	Bore A	
			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



Long Gas Lens Ceramic Cups

SGT/SGTCW 17/18/18SC/26/125M/250M/225F

Part No.	Description	Size	Bore A	
			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



SGT 9/20/20S/125M/250M/225F

Part No.	Description	Size	Bore A	
			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



Large Diameter Gas Lens Cups

SGT/SGTCW 9/17/18/20/20S/26/125M/250M/225F

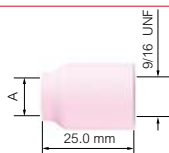
Part No.	Description	Size	Bore A	
			mm	inch
P57N74	Large Diameter Gas Lens Cup	8	12.5	1/2
P57N75	Large Diameter Gas Lens Cup	6	10	3/8
P53N87	Large Diameter Gas Lens Cup	12	19	3/4
P53N88	Large Diameter Gas Lens Cup	10	16	5/8



Gas Lens Cups

SGT 9/17/18/20/20S/24W/26/125M 250M/225F

Part No.	Description	Size	Bore A	
			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

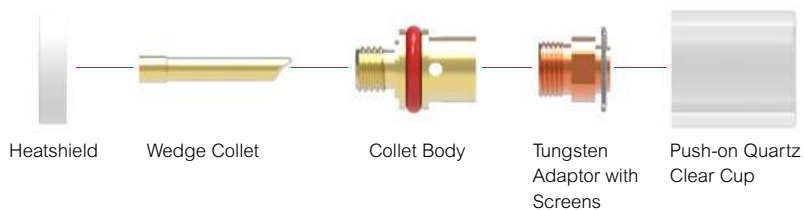


SGT 17/18/18SC/26/125M/250M/225F

Part No.	Description	Size	Bore A	
			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 Kits 9,20 Series

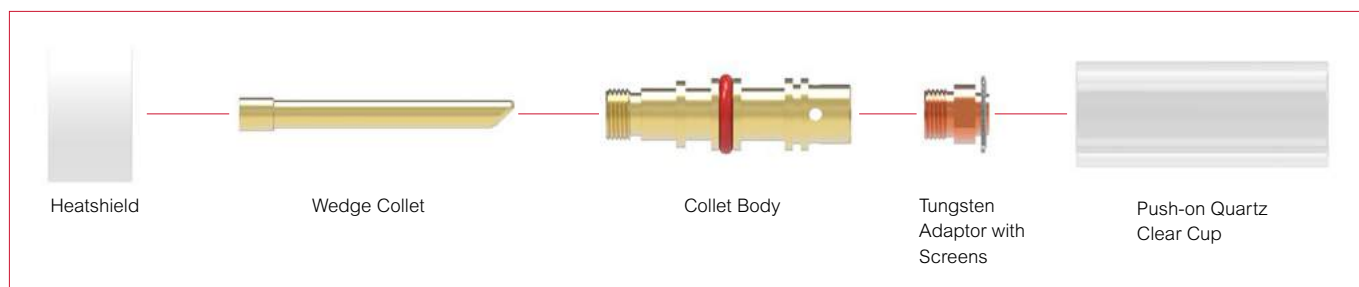


Part No.	Description
PGS920P-16 Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Collet Body Wedge Collet 1.6mm Heatshield

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 Kits 17,18,26 Series

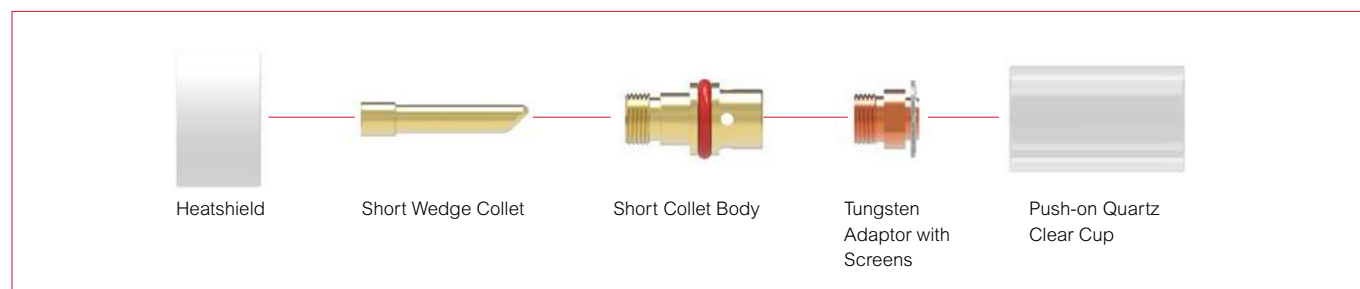


Part No.	Description
PGS171826P-16 Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Collet Body Wedge Collet 1.6mm Heatshield

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 3.2mm Collet Body Wedge Collet 3.2mm Heatshield

Quartz Tig Consumables Kits 17,18,26 Series



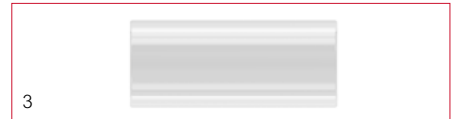
Part No.	Description
PGS171826P-16S Quartz Tig Consumables Kit 1.6mm	Push-on Quartz Clear Cup Tungsten Adaptor with Screens 1.6mm Short Collet Body Short Wedge Collet 1.6mm Heatshield

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

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



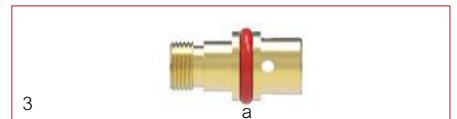
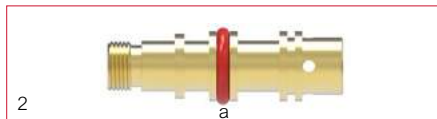
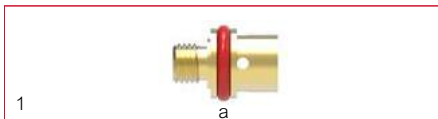
Tungsten Adaptor with Screens

Part No.	Description	Electrode Size		Model
		mm	inch	
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
a PORING-14P8X9P5	O Ring	All



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



Heatshield

Part No.	Description	Model
1 PHSGS920-1	Heatshield	9/20
2 PHSGS171826	Heatshield	17/18/26



PK-9-150 - Modular Kit 9 Series



Spare Parts

Part No.	Description
1 P20-180	Torch Head 180° With Gasket U598882
2 P20-90	Torch Head 90° With Gasket U598882
3 P20-70	Torch Head 70° With Gasket U598882
4 P150CE	150A Flexible Neck Coil
5 P13N22	Standard Collet 1.6mm / 1/16"
6 P13N23	Standard Collet 2.4mm / 3/32"
7 P150TB	150A Tig Torch Body 9&17 Series
8 P45V44	Gas Lens Body 2.4mm / 3/32"
9 P45V43	Gas Lens Body 1.6mm / 1/16"
10 P41V24	Back Cap Long
11 P41V33	Back Cap Short
12 P53N59	Stubby Gas Lens Cup Size 5 Bore 8 - 5/16"
13 P53N60	Stubby Gas Lens Cup Size 6 Bore 10 - 3/8"
14 P53N61	Stubby Gas Lens Cup Size 7 Bore 11 - 7/16"

Interchange with standard torches

Replaceable Coil

Multiple Head Angles - Multiple Head and Consumable Options

PK-17-150 - Modular Kit 17 Series



Spare Parts

Part No.	Description
1 P18-180-18CG20	Torch Head 180° With Gasket 18CG20
2 P18-90-18CG20	Torch Head 90° With Gasket 18CG20
3 P18-70-18CG20	Torch Head 70° With Gasket 18CG20
4 P150CE	150A Flexible Neck Coil
5 P10N23S	Stubby Collet 1.6mm - 1/16"
6 P10N24S	Stubby Collet 2.4mm - 3/32"
7 P150TB	150A Tig Torch Body 9&17 Series
8 P45V26S	SW Stubby Gas Lens Body 2.4mm
9 P45V25S	SW Stubby Gas Lens Body 1.6mm
10 P57Y02	Back Cap Long
11 P57Y04	Back Cap Short
12 P54N15SW	Gas Lens Ceramic Cup 11.0mm Short
13 P54N14SW	Gas Lens Ceramic Cup 12.5mm Short
14 P54N12SW	Gas Lens Ceramic Cup 16.0mm Short

PK-26-200 - Modular Kit 26 Series



Spare Parts

Part No.	Description
1 P18-180-18CG20	Torch Head 180° With Gasket 18CG20
2 P18-90-18CG20	Torch Head 90° With Gasket 18CG20
3 P18-70-18CG20	Torch Head 70° With Gasket 18CG20
4 P200CE	200A Flexible Neck Coil
5 P10N23S	Stubby Collet 1.6mm - 1/16"
6 P10N24S	Stubby Collet 2.4mm - 3/32
7 P200TB	200A Tig Torch Body 26 Series
8 P45V26S	SW Stubby Gas Lens Body 2.4mm
9 P45V25S	SW Stubby Gas Lens Body 1.6mm
10 P57Y02	Back Cap Long
11 P57Y04	Back Cap Short
12 P54N15SW	Gas Lens Ceramic Cup 11.0mm Short
13 P54N14SW	Gas Lens Ceramic Cup 12.5mm Short
14 P54N12SW	Gas Lens Ceramic Cup 16.0mm Short

WP9 Series



Part No.	Description
PWP9AK Tig Accessory Kit (13N Series)	Collets 1/16", 3/32", - 1.6/2.4 Collet Bodies 1/16", 3/32" - 1.6/2.4 Ceramics 7/16", 3/8", 5/16" - 11/10/8mm Back Cap Long / Back Cap Short Ceriated Tungstes - 1.6/2.4mm 150mm

WP17 Series



Part No.	Description
PWP17AK Tig Accessory Kit (10N Series)	Collets 1/16", 3/32", 1/8" - 1.6/2.4/3.2mm Collet Bodies 1/16", 3/32", 1/8" - 1.6/2.4/3.2mm Ceramics 7/16", 3/8", 5/16" - 11/10/8mm Back Cap Long / Back Cap Short Ceriated Tungstes - 1.6/2.4/3.2mm 150mm

Wear Parts Configuration Tables

SGT 9/20/20S Series

Standard Series

P598882
Gas Lens
Insulator

P13N Range
Standard Collet

P13N Range
Standard Collet Body



P796F Range
Standard Extra Long
Ceramic Cup

P796F Range
Standard Long Ceramic Cup

P13N Range
Standard Ceramic Cup

Gas Lens Series

P598882
Gas Lens
Insulator

P13N Range
Standard Collet

P45V Range
Gas Lens Body



P53N Range
Gas Lens Ceramic Cup

Large Gas Lens Series

P54N63-20
Gas Lens
Insulator

P13NL Range
Large Diameter
Gas Lens Collet

P45V Range
Large Diameter Gas Lens Body



Large Diameter
Gas Lens Ceramic Cup

Short Gas Lens Series

P598882ES
Short Cup
Insulator

P13NES Range
Short Collet

P45VES Range
Short Gas Lens Body



Short Gas Lens Ceramic

* Wear parts part number and sizes are available on pages 70-76

SGT/SGTCW 17/18/26 Series

Standard Series

P18CG
Gas Lens
Insulator

P10N Range
Standard Collet

P10N Range
Standard Collet Body



P10N Range
Standard Long Ceramic Cup

P10N Range
Standard Ceramic Cup

Stubby Series

P18CG20
Gas Lens
Insulator

P10N Range
Stubby Collet

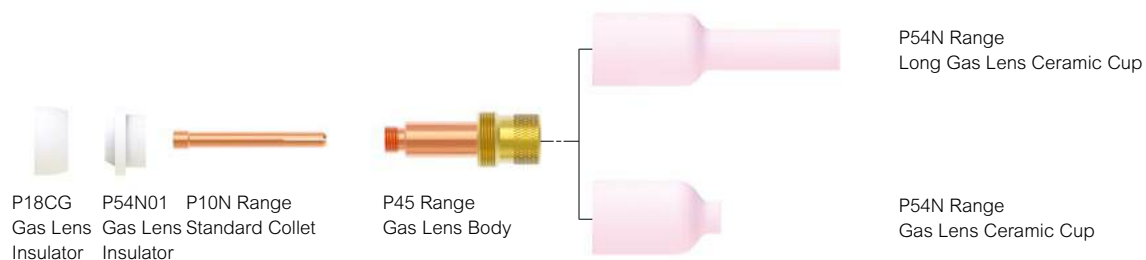
P17CB20
Stubby Collet Body



P13N Range
Standard Ceramic Cup

Wear Parts Configuration Tables

Gas Lens Series



Stubby Gas Lens Series



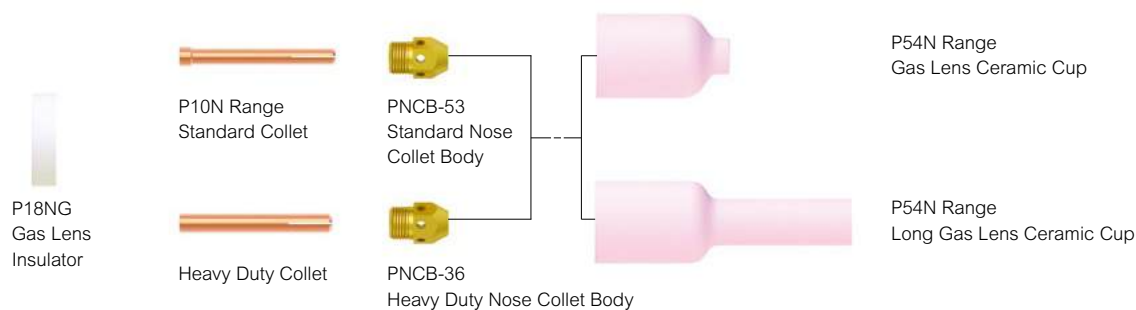
Large Gas Lens Series



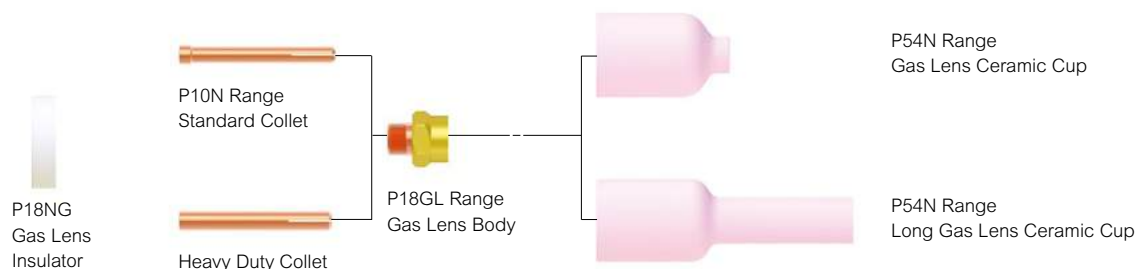
* Wear parts part number and sizes are available on pages 70-76

SGT/SGTCW 18SC Series

Standard Series



Gas Lens Series



* Wear parts part number and sizes are available on pages 70-76

Wear Parts Configuration Tables

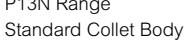
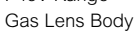
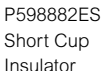
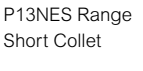
SGT 24W Series

Standard Series					P53N Range Standard Ceramic Cup
					P53N Range Gas Lens Ceramic Cup
Short Gas Lens Series					Short Gas Lens Ceramic
					

* Wear parts part number and sizes are available on pages 70-76

SGT 125/250 Multijust Series

SGT 9/20/20S head configuration

Standard Series					P796F Range Standard Extra Long Ceramic Cup
					P796F Range Standard Long Ceramic Cup
Gas Lens Series					P13N Range Standard Ceramic Cup
					P53N Range Gas Lens Ceramic Cup
Large Gas Lens Series					Large Diameter Gas Lens Ceramic Cup
					Short Gas Lens Ceramic
Short Gas Lens Series					
					

* Wear parts part number and sizes are available on pages 70-76

SGT/SGTCW 17/18/26 head configuration

Standard Series					P10N Range Standard Long Ceramic Cup	
	P18CG Gas Lens Insulator	P10N Range Standard Collet	P10N Range Standard Collet Body		P10N Range Standard Ceramic Cup	
Stubby Series					P13N Range Standard Ceramic Cup	
	P18CG20 Gas Lens Insulator	P10N Range Stubby Collet	P17CB20 Stubby Collet Body			
Gas Lens Series						P54N Range Long Gas Lens Ceramic Cup
	P18CG Gas Lens Insulator	P54N01 Gasket	P10N Range Standard Collet	P45 Range Gas Lens Body		P54N Range Gas Lens Ceramic Cup
Stubby Gas Lens Series					P53N Range Gas Lens Ceramic Cup	
	PSTB80300236 Gas Lens Insulator	PSTB13N Range Stubby Collet	PSTB45V Range Stubby Gas Lens Body			
Large Gas Lens Series						Large Diameter Gas Lens Ceramic Cup
	P18CG Gas Lens Insulator	P54N63 Gas Lens Insulator	P10N Range Standard Collet	P45V Range Large Diameter Gas Lens Body		

* Wear parts part number and sizes are available on pages 70-76

Wear Parts Configuration Tables

SGT 225F Series

SGT 9/20 head configuration

Standard Series


P598882
Gas Lens
Insulator


P13N Range
Standard Collet


P13N Range
Standard Collet Body



P796F Range
Standard Extra Long
Ceramic Cup

P796F Range
Standard Long Ceramic Cup

P13N Range
Standard Ceramic Cup

Gas Lens Series


P598882
Gas Lens
Insulator


P13N Range
Standard Collet


P45V Range
Gas Lens Body



P53N Range
Gas Lens Ceramic Cup

Large Gas Lens Series


P54N63-20
Gas Lens
Insulator


P13NL Range
Large Diameter
Gas Lens Collet


P45V Range
Large Diameter Gas Lens Body



Large Diameter
Gas Lens Ceramic Cup

Short Gas Lens Series


P598882ES
Short Cup
Insulator


P13NES Range
Short Collet


P45VES Range
Short Gas Lens Body



Short Gas Lens Ceramic

* Wear parts part number and sizes are available on pages 70-76

SGT 24W head configuration

Standard Series


P53N22
Gas Lens
Insulator


P53N Range
Standard Collet


P53N Range
Standard Collet Body



P53N Range
Standard Ceramic Cup


P53N66
Gas Lens
Insulator


P53N Range
Gas Lens Collet


P45V Range
Gas Lens Body



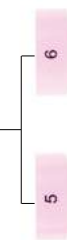
P53N Range
Gas Lens Ceramic Cup

Short Gas Lens Series


P80300311
Short Cup
Insulator


P53N Range
Standard Collet


P45VES Range
Short Gas Lens Body



Short Gas Lens Ceramic

* Wear parts part number and sizes are available on pages 70-76

Wear Parts Configuration Tables

SGT/SGTCW 17/18/26 head configuration

Standard Series



P18CG
Gas Lens
Insulator



P10N Range
Standard Collet



P10N Range
Standard Collet Body



P10N Range
Standard Long Ceramic Cup

P10N Range
Standard Ceramic Cup

Stubby Series



P18CG20
Gas Lens
Insulator



P10N Range
Stubby Collet



P17CB20
Stubby Collet Body



P13N Range
Standard Ceramic Cup

Gas Lens Series



P18CG
Gas Lens
Insulator



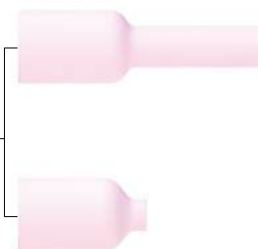
P54N01
Gas Lens
Insulator



P10N Range
Standard Collet



P45 Range
Gas Lens Body



P54N Range
Long Gas Lens Ceramic Cup

P54N Range
Gas Lens Ceramic Cup

Stubby Gas Lens Series



PSTB80300236
Gas Lens
Insulator



PSTB13N Range
Stubby Collet



PSTB45V Range
Stubby Gas Lens Body



P53N Range
Gas Lens Ceramic Cup

Large Gas Lens Series



P18CG
Gas Lens
Insulator



P54N63
Gas Lens
Insulator



P10N Range
Standard Collet



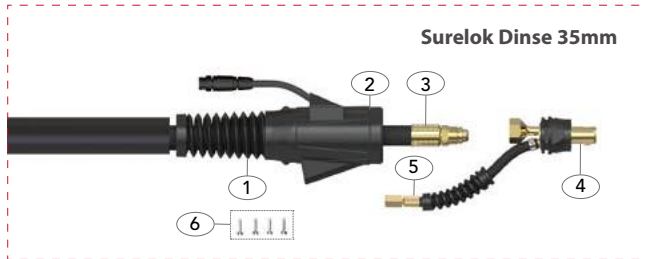
P45V Range
Large Diameter Gas Lens Body



Large Diameter
Gas Lens Ceramic Cup

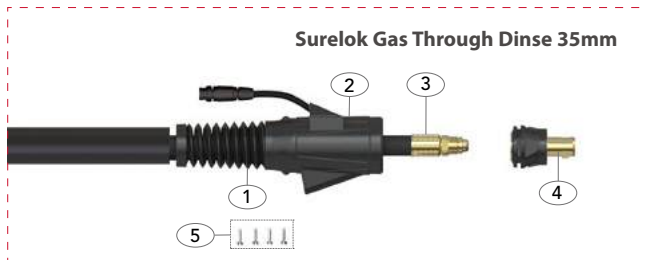
* Wear parts part number and sizes are available on pages 70-76

Air-Cooled Rear-End Spare Parts



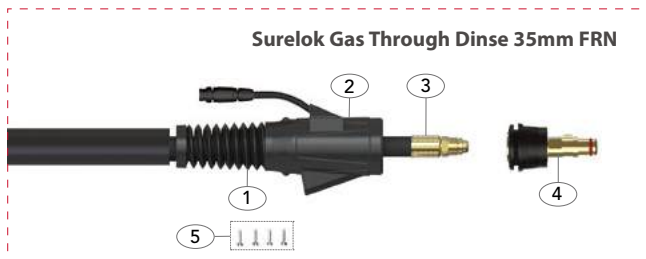
SGT 9/17/125M/A150

Part No.	Description
1 PSLH917-S	Cable Support Small
2 PNSLH917-H	Surelok Housing Small
3 PSL57Y01AOB	Power Cable x 12.5ft Surelok O/B
PSL57Y03AOB	Power Cable x 25ft Surelok O/B
4 PNSL3550	Surelok Body
5 *PNSLOB-1-QGS#	Gas Supply Hose O/B
6 PERSP1	Screw Pack



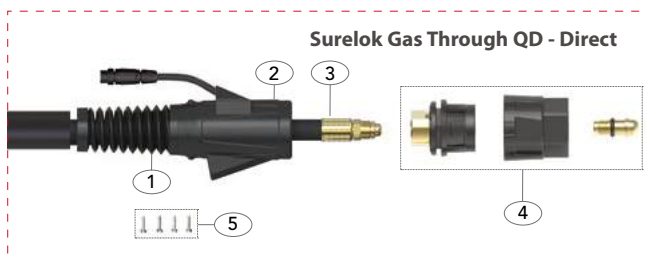
SGT 9/17/125M/A150

Part No.	Description
1 PSLH917-S	Cable Support Small
2 PFR-UNSLH917-H	Gas Through Surelok Housing Small
3 PSL57Y01AOB	Power Cable x 12.5ft Surelok Gas Through O/B
PSL57Y03AOB	Power Cable x 25ft Surelok Gas Through O/B
4 PNSL3550GT	Surelok GT Body
5 PERSP1	Screw Pack



SGT 9/17/125M/A150

Part No.	Description
1 PSLH917-S	Cable Support Small
2 PFR-UNSLH917-H	Gas Through Surelok Housing Small
3 PSL57Y01AOB	Power Cable x 12.5ft Surelok Gas Through O/B
PSL57Y03AOB	Power Cable x 25ft Surelok Gas Through O/B
4 PFRSL3550G	Gas Through Surelok Body
5 PERSP1	Screw Pack



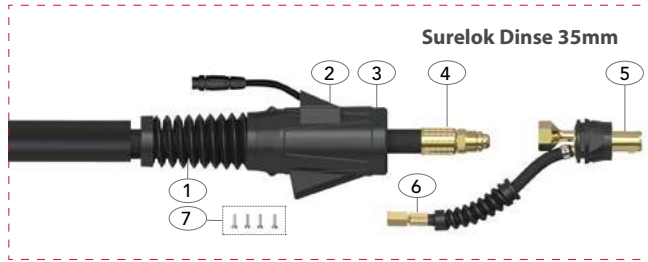
SGT 9/17/125M/A150

Part No.	Description
1 PSLH917-S	Cable Support Small
2 PFR-UNSLH917-H	Gas Through Surelok Housing Small
3 PSL57Y01AOB	Power Cable x 12.5ft Surelok O/B
PSL57Y03AOB	Power Cable x 25ft Surelok O/B
4 PQD#	Surelok QD Connector Assembly
5 PERSP1	Screw Pack

*Note: Gas supply hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

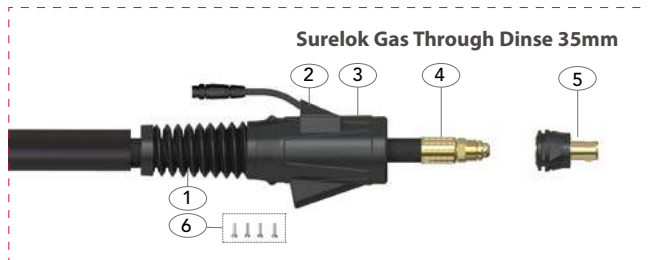
Example: PNSLOB-1-QGS1
Gas supply hose c/w 3/8" BSP fitting

Air-Cooled Rear-End Spare Parts



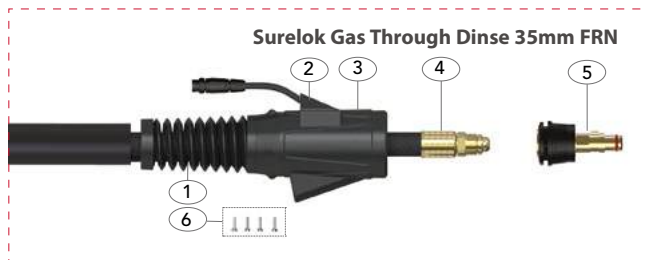
SGT 26/A200

Part No.	Description
1 PSLH26-S	Cable Support Large
2 ATSLH26-C	Surelok Housing Cover
3 PNSLH26-H	Surelok Housing Large
4 PSL46V28AOB	Power Cable x 12.5ft Surelok O/B
PSL46V30AOB	Power Cable x 25ft Surelok O/B
5 PNSL3550	Surelok Body
6 *PNSLOB-1-QGS#	Gas Supply Hose O/B
7 PERSP1	Screw Pack



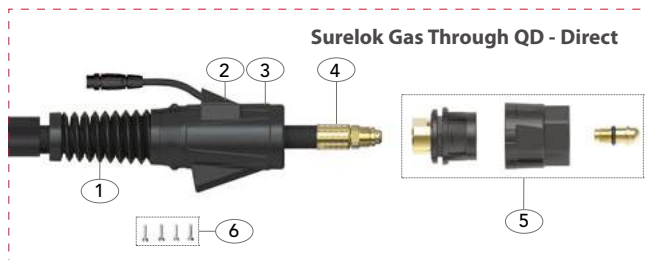
SGT 26/A200

Part No.	Description
1 PSLH26-S	Cable Support Large
2 ATSLH26-C	Surelok Housing Cover
3 PFR-UNSLH26-H	Gas Through Surelok Housing Large
4 PSL46V28AOB	Power Cable x 12.5ft Surelok Gas Through O/B
PSL46V30AOB	Power Cable x 25ft Surelok Gas Through O/B
5 PFRSL3550G	Gas Through Surelok Body
6 PERSP1	Screw Pack



SGT 26/A200

Part No.	Description
1 PSLH26-S	Cable Support Large
2 ATSLH26-C	Surelok Housing Cover
3 PFR-UNSLH26-H	Gas Through Surelok Housing Large
4 PSL46V28AOB	Power Cable x 12.5ft Surelok Gas Through O/B
PSL46V30AOB	Power Cable x 25ft Surelok Gas Through O/B
5 PFRSL3550G	Gas Through Surelok Body
6 PERSP1	Screw Pack



SGT 26/A200

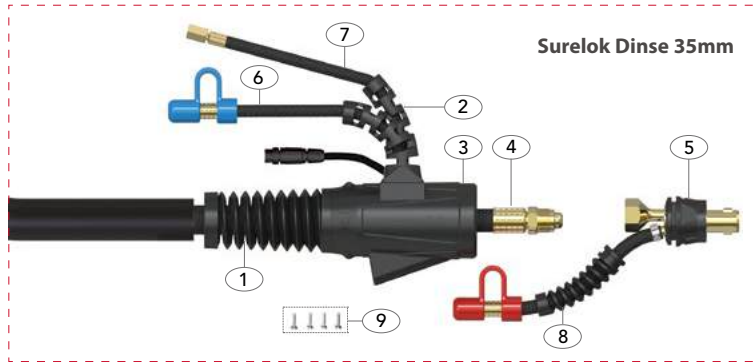
Part No.	Description
1 PSLH26-S	Cable Support Large
2 ATSLH26-C	Surelok Housing Cover
3 PFR-UNSLH26-H	Gas Through Surelok Housing Large
4 PSL46V28AOB	Power Cable x 12.5ft Surelok Gas Through O/B
PSL46V30AOB	Power Cable x 25ft Surelok Gas Through O/B
5 PQD#	Surelok QD Connector Assembly
6 PERSP1	Screw Pack

*Note: Gas supply hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

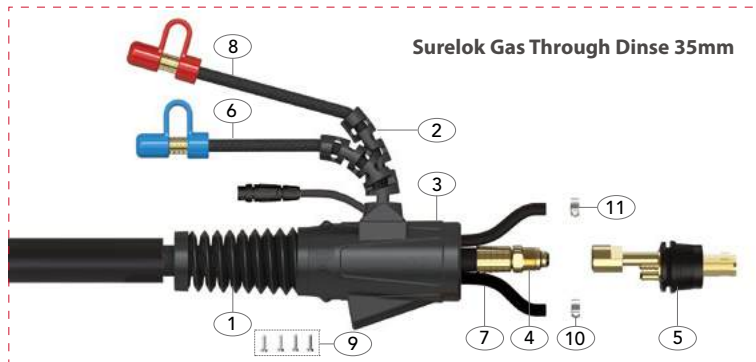
Example: PNSLOB-1-QGS1

Gas supply hose c/w 3/8" BSP fitting

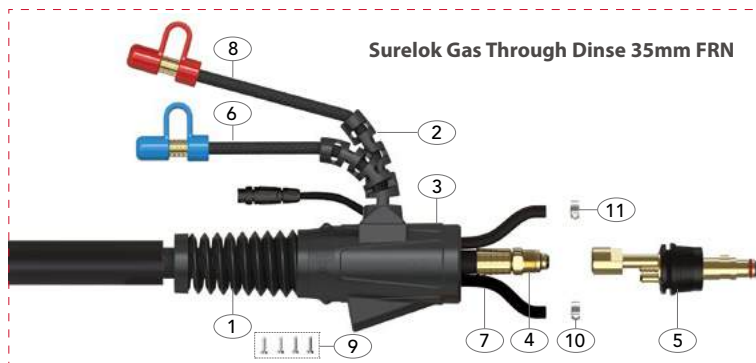
Liquid-Cooled Rear-End Spare Parts



- | | | |
|---|-----------------|-----------------------|
| 7 | * P45V09-QGS# | Gas Hose x 12.5ft PVC |
| | * P45V10-QGS# | Gas Hose x 25ft PVC |
| 8 | * PNSLOB-1-QWR# | Water Return Hose O/B |
| 9 | * PERSP1 | Screw Pack |



- | | | |
|-----|------------------|---|
| 8 | * PFRSLOB-1-QWR# | Water Return Hose O/B |
| 9 | PERSP1 | Screw Pack |
| 10 | PB5025S | Water/Gas Hose Clamp 8.0mm |
| 11a | PB5041 | Water/Gas Hose Clamp 8.7mm (24W/20/20S/250M/225F) |
| 11b | PB5024 | Water/Gas Hose Clamp 9.5mm (18/18SC) |



- | | | |
|-----|------------------|---|
| 8 | * PFRSLOB-1-QWR# | Water Return Hose O/B |
| 9 | PERSP1 | Screw Pack |
| 10 | PB5025S | Water/Gas Hose Clamp 8.0mm |
| 11a | PB5041 | Water/Gas Hose Clamp 8.7mm (24W/20/20S/250M/225F) |
| 11b | PB5024 | Water/Gas Hose Clamp 9.5mm (18/18SC) |

*Note: Water feed hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

Example: PN45V07OB-QWF1
Water feed hose c/w quick fit

SGT 24W/20/20S/18/18SC/250M/225F

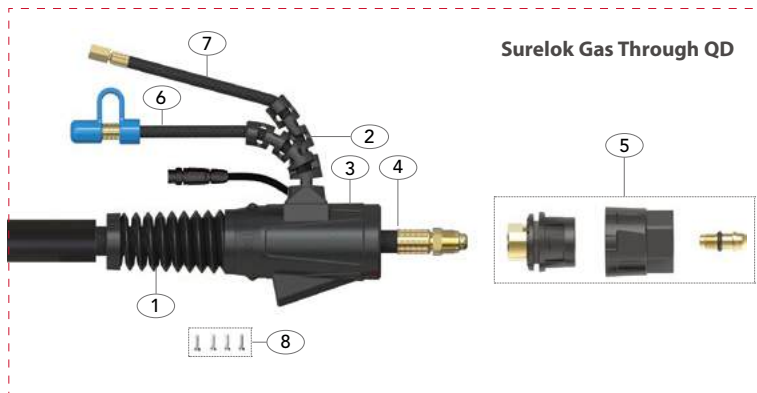
Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PNSLH26-H Surelok Housing Large
4a	PSL45V03AOB Power Cable x 12.5ft Surelok O/B (24W/20/250M/225F)
	PSL45V04AOB Power Cable x 25ft Surelok O/B (24W/20/250M/225F)
4b	PSL45V03SAOB Power Cable x 12.5ft Surelok O/B (20S)
	PSL45V04SAOB Power Cable x 25ft Surelok O/B (20S)
4c	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18)
4d	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18SC)
5	PNSL3550 Surelok Body
6a	*PN45V07OB-QWF# Water Hose x 12.5ft O/B (24W/20/20S/250M/225F)
	*PN45V08OB-QWF# Water Hose x 25Ft O/B (24W/20/20S/250M/225F)
6b	*P45V07OB-QWF# Water Hose x 12.5ft O/B (18/18SC)
	*P45V08OB-QWF# Water Hose x 25Ft O/B (18/18SC)

SGT 24W/20/20S/18/18SC/250M/225F

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PFR-UNSLH26-H Gas Through Surelok Housing Large
4a	PSL45V03AOB Power Cable x 12.5ft Surelok O/B (24W/20/250M/225F)
	PSL45V04AOB Power Cable x 25ft Surelok O/B (24W/20/250M/225F)
4b	PSL45V03SAOB Power Cable x 12.5ft Surelok O/B (20S)
	PSL45V04SAOB Power Cable x 25ft Surelok O/B (20S)
4c	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18)
4d	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18SC)
5	PNSL3550WGT Liquid-Cooled Surelok GT Body
6a	*PN45V07OB-QWF# Water Hose x 12.5ft O/B (24W/20/20S/250M/225F)
	*PN45V08OB-QWF# Water Hose x 25Ft O/B (24W/20/20S/250M/225F)
6b	*P45V07OB-QWF# Water Hose x 12.5ft O/B (18/18SC)
	*P45V08OB-QWF# Water Hose x 25Ft O/B (18/18SC)
7	PFR45V09 Gas Through Gas Hose x 12.5ft PVC
	PFR45V10 Gas Through Gas Hose x 25ft PVC

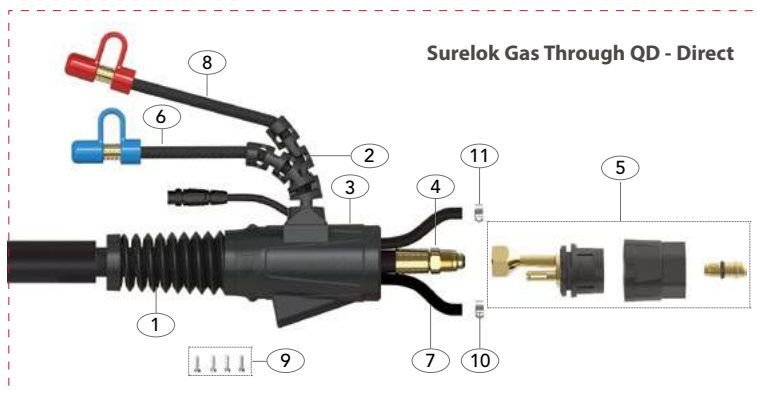
SGT 24W/20/20S/18/18SC/250M/225F

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PFR-UNSLH26-H Gas Through Surelok Housing Large
4a	PSL45V03AOB Power Cable x 12.5ft Surelok O/B (24W/20/250M/225F)
	PSL45V04AOB Power Cable x 25ft Surelok O/B (24W/20/250M/225F)
4b	PSL45V03SAOB Power Cable x 12.5ft Surelok O/B (20S)
	PSL45V04SAOB Power Cable x 25ft Surelok O/B (20S)
4c	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18)
4d	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18SC)
5	PFRSL3550W Gas Through Surelok Body
6a	*PN45V07OB-QWF# Water Hose x 12.5ft O/B (24W/20/20S/250M/225F)
	*PN45V08OB-QWF# Water Hose x 25Ft O/B (24W/20/20S/250M/225F)
6b	*P45V07OB-QWF# Water Hose x 12.5ft O/B (18/18SC)
	*P45V08OB-QWF# Water Hose x 25Ft O/B (18/18SC)
7	PFR45V09 Gas Through Gas Hose x 12.5ft PVC
	PFR45V10 Gas Through Gas Hose x 25ft PVC



SGT 24W/20/20S/18/18SC/250M/225F

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PFR-UNSLH26-H Surelok Housing Large
4a	PSL45V03AOB Power Cable x 12.5ft Surelok O/B (24W/20/250M/225F)
	PSL45V04AOB Power Cable x 25ft Surelok O/B (24W/20/250M/225F)
4b	PSL45V03SAOB Power Cable x 12.5ft Surelok O/B (20S)
	PSL45V04SAOB Power Cable x 25ft Surelok O/B (20S)
4c	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18)
4d	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18SC)
5	PQD# Surelok QD Connector Assembly
6a	*PN45V07OB-QWF# Water Hose x 12.5ft O/B (24W/20/20S/250M/225F)
	*PN45V08OB-QWF# Water Hose x 25Ft O/B (24W/20/20S/250M/225F)
6b	*P45V07OB-QWF# Water Hose x 12.5ft O/B (18/18SC)
	*P45V08OB-QWF# Water Hose x 25Ft O/B (18/18SC)
7	P45V09-QGS# Gas Hose x 12.5ft PVC
	P45V10-QGS# Gas Hose x 25ft PVC
8	PERSP1 Screw Pack



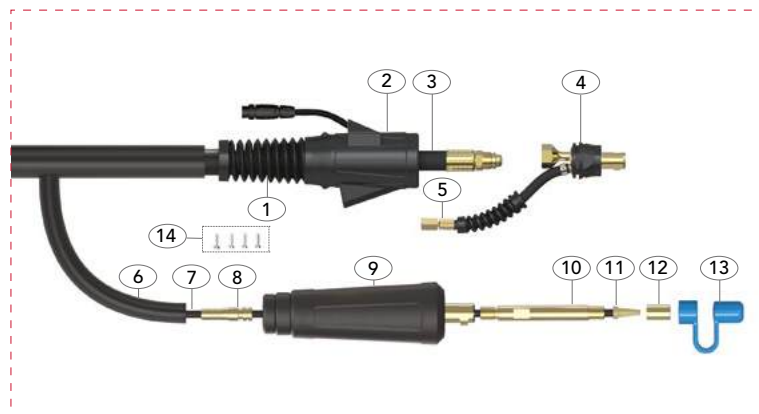
SGT 24W/20/20S/18/18SC/250M/225F

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PFR-UNSLH26-H Gas Through Surelok Housing Large
4a	PSL45V03AOB Power Cable x 12.5ft Surelok O/B (24W/20/250M/225F)
	PSL45V04AOB Power Cable x 25ft Surelok O/B (24W/20/250M/225F)
4b	PSL45V03SAOB Power Cable x 12.5ft Surelok O/B (20S)
	PSL45V04SAOB Power Cable x 25ft Surelok O/B (20S)
4c	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18)
4d	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
	PSL41V29AOB Power Cable x 25ft Surelok O/B (18SC)
5	PQD# Surelok QD Connector Assembly
6a	*PN45V07OB-QWF# Water Hose x 12.5ft O/B (24W/20/20S/250M/225F)
	*PN45V08OB-QWF# Water Hose x 25Ft O/B (24W/20/20S/250M/225F)
6b	*P45V07OB-QWF# Water Hose x 12.5ft O/B (18/18SC)
	*P45V08OB-QWF# Water Hose x 25Ft O/B (18/18SC)
7	PFR45V09 Gas Through Gas Hose x 12.5ft PVC
	PFR45V10 Gas Through Gas Hose x 25ft PVC
8	PFRSLOB-1-QWR# Gas Through Water Return Hose O/B
9	PERSP1 Screw Pack
10	PB5025S Water/Gas Hose Clamp 8.0mm
11a	PB5041 Water/Gas Hose Clamp 8.7mm (24W/20/20S/250M/225F)
11b	PB5024 Water/Gas Hose Clamp 9.5mm (18/18SC)

*Note: Water feed hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

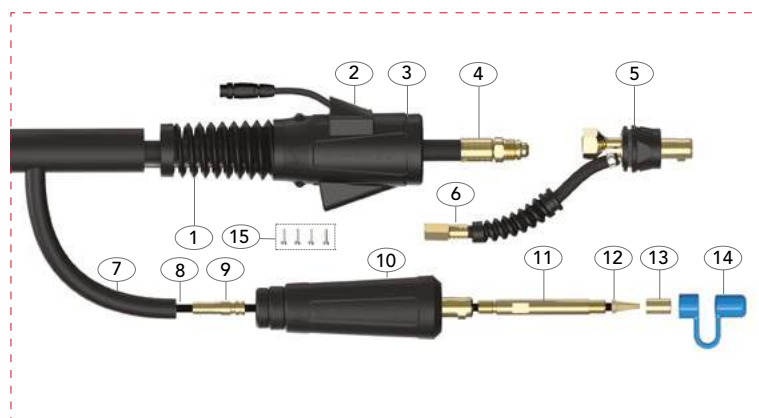
Example: PN45V07OB-QWF1
Water feed hose c/w quick fit

Cold-Wire Air-Cooled Rear-End Spare Parts



SGTCW 17 - Cold-Wire

Part No.	Description
1	PSLH917-S Cable Support Small
2	PNSLH917-H Surelok Housing Small
3	PSL57Y01AOB Power Cable x 12.5ft Surelok O/B
4	PNSL3550 Surelok Body and Support
5	*PNSLOB-1-QGS# Gas Supply Hose O/B
6	PCWT-OLS Outer Liner Support Sleeve
7a	PHWB5033-40 Steel Liner x 12.5ft
7b	PHCWB2564-40 PA Liner x 12.5ft
7c	PHCWB2564AL-40 PA Liner x 12.5ft
8	PHWT-BN Wire Feeding Tube Nipple-Back
9	PCW5095 Large Dinse Plug
10	PHWT-GWT Wire Guide Tube
11	PHWT-NI Wire Guide Nipple
12	PHWT-NUT Liner Retaining Nut
13	PBD-80310 Blue Cap Stopper
14	PERSP1 Screw Pack



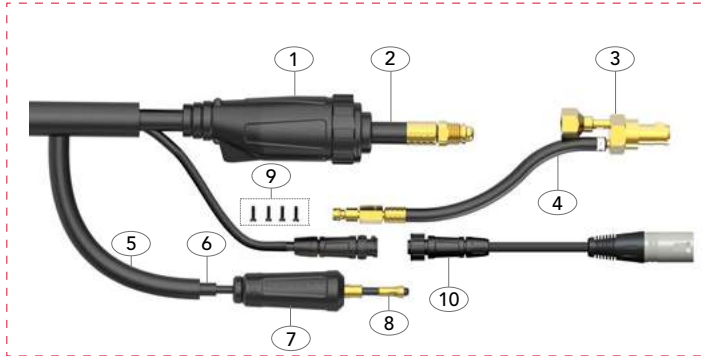
SGTCW 26 - Cold-Wire

Part No.	Description
1	PSLH26-S Cable Support Large
2	ATSLH26-C Surelok Housing Cover
3	PNSLH26-H Surelok Housing Large
4	PSL46V28AOB Power Cable x 12.5ft Surelok O/B
5	PNSL3550 Surelok Body and Support
6	*PNSLOB-1-QGS# Gas Supply Hose O/B
7	PCWT-OLS Outer Liner Support Sleeve
8a	PHWB5033-40 Steel Liner x 12.5ft
8b	PHCWB2564-40 PA Liner x 12.5ft
8c	PHCWB2564AL-40 PA Liner x 12.5ft
9	PHWT-BN Wire Feeding Tube Nipple-Back
10	PCW5095 Large Dinse Plug
11	PHWT-GWT Wire Guide Tube
12	PHWT-NI Wire Guide Nipple
13	PHWT-NUT Liner Retaining Nut
14	PBD-80310 Blue Cap Stopper
15	PERSP1 Screw Pack

*Note: Gas supply hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

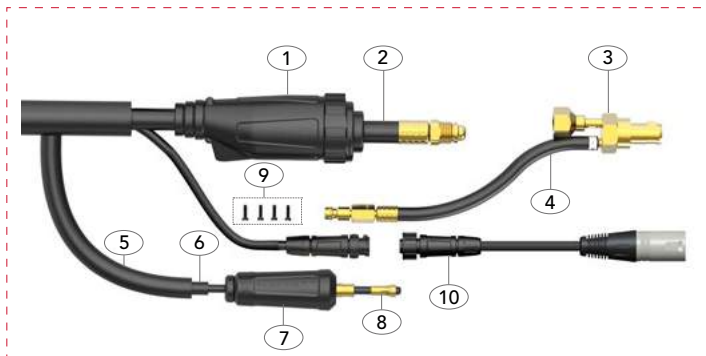
Example: PNSLOB-1-QGS1

Gas supply hose c/w 3/8" BSP fitting



SGTETCW 17 - Cold-Wire

Part No.	Description
1	ML3550H-M MI Surelok Housing
2	PSL57Y01AOB Power Cable x 12.5ft Surelok O/B
3	ML3550-916 Mini Surelok Body 9/16"UNF
4	PCWSLOB-1-QGS4 Gas Supply Hose C/W 8.9mm Quick Fit O/B
5	PCWT-OLS Outer Liner Support Sleeve
6	PB5008M-40 Outer Liner 4mt
7	ETCW1025 Cable Plug Etcw1025 Assembly
8a	PHWB5033-40 Steel Liner x 12.5ft
8b	PHCWB2564-40 Pa Liner x 12.5ft
8c	PHCWB2564AL-40 Pa Liner x 12.5ft
9	PERSP1 Screw Pack
10	PTP25 5 Pin Quick Fit Switch Plug Kit



SGTETCW 26 - Cold-Wire

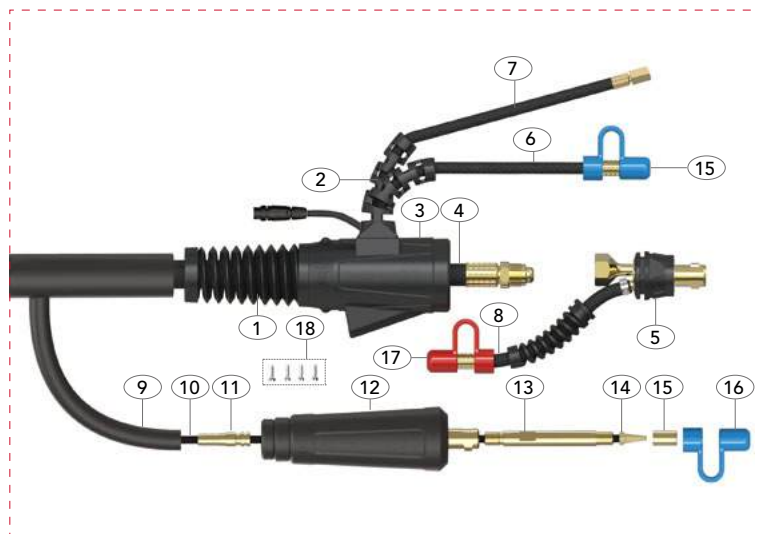
Part No.	Description
1	ML3550H-L MI Surelok Housing
2	PSL46V28AOB Power Cable x 12.5ft Surelok O/B
3	ML3550-916 Mini Surelok Body 9/16"UNF
4	PCWSLOB-1-QGS4 Gas Supply Hose C/W 8.9mm Quick Fit O/B
5	PCWT-OLS Outer Liner Support Sleeve
6	PB5008M-40 Outer Liner 4mt
7	ETCW1025 Cable Plug Etcw1025 Assembly
8a	PHWB5033-40 Steel Liner x 12.5ft
8b	PHCWB2564-40 Pa Liner x 12.5ft
8c	PHCWB2564AL-40 Pa Liner x 12.5ft
9	PERSP1 Screw Pack
10	PTP25 5 Pin Quick Fit Switch Plug Kit

*Note: Gas supply hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

Example: PNSLOB-1-QGS1

Gas supply hose c/w 3/8" BSP fitting

Cold-Wire Liquid-Cooled Rear-End Spare Parts

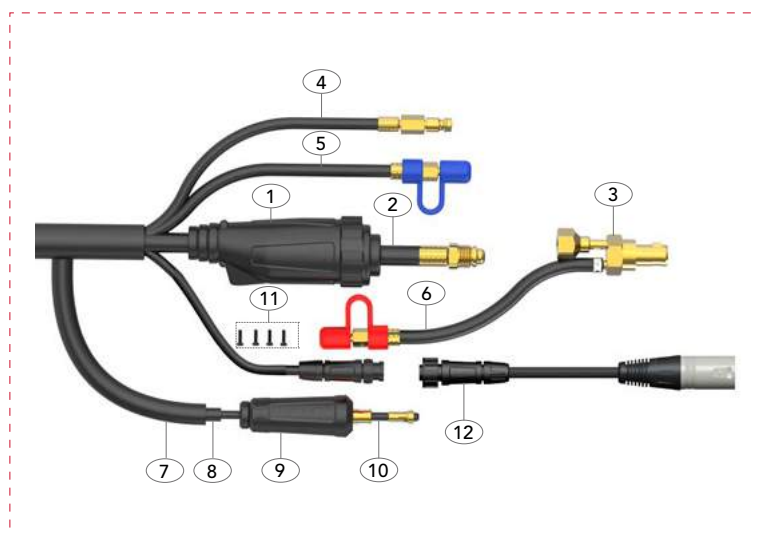


SGTCTW 18/18SC - Cold-Wire

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PNSLH26-H Surelok Housing Large
4a	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
4b	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
5	PNSL3550 Surelok Body and Support
6	*PN45V07OB-QWF# Water Hose x 12.5ft O/B
7	*P45V09-QGS# Gas Hose x 12.5ft PVC
8	*PNSLOB-1-QWR# Water Return Hose O/B
9	PCWT-OLS Outer Liner Support Sleeve
10a	PHWB5033-40 Steel Liner x 12.5ft
10b	PHCWB2564-40 PA Liner x 12.5ft
10c	PHCWB2564AL-40 PA Liner x 12.5ft
11	PHWT-BN Wire Feeding Tube Nipple-Back
12	PCW5095 Large Dinse Plug
13	PHWT-GWT Wire Guide Tube
14	PHWT-NI Wire Guide Nipple
15	PHWT-NUT Liner Retaining Nut
16	PBD-80310 Blue Cap Stopper
17	PBD-80320 Red Cap Stopper
18	PERSP1 Screw Pack

*Note: Water feed hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

Example: PN45V07OB-QWF1
Water feed hose c/w quick fit

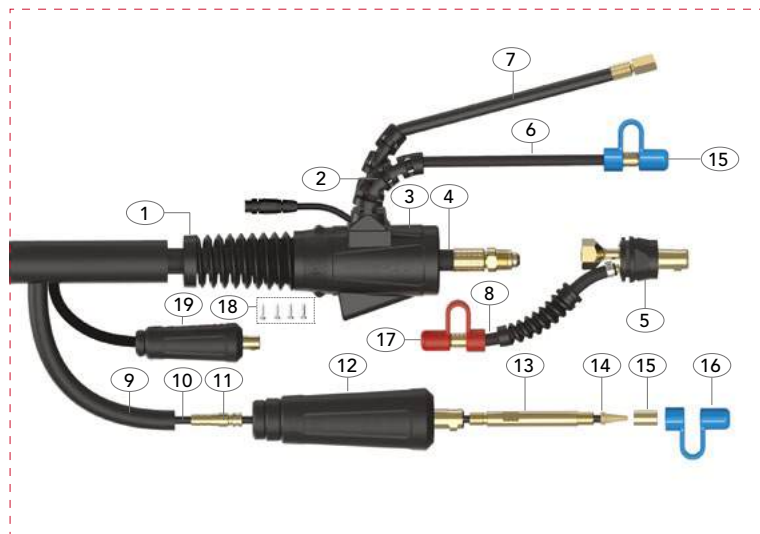


SGTETCW 18/18SC - Cold-Wire

Part No.	Description
1	ML3550H-M MI Surelok Housing
2a	PSL40V64AOB Power Cable x 12.5ft Surelok O/B (18)
2b	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B (18SC)
3	ML3550-916 Mini Surelok Body 9/16"UNF
4	P45V09-QGS4 Gas Supply Hose 12.5ft C/W 8.9mm Quick Fit PVC
5	PN45V07OB-QWF1 Water Feed 12.5ft C/W 8.9mm Quick Fit O/B
6	PCWSLOB-1-QWR1 Water Return Hose C/W 8.9mm Quick Fit O/B
7	PCWT-OLS Outer Liner Support Sleeve
8	PB5008M-40 Outer Liner 4mt
9	ETCW1025 Cable Plug Etcw1025 Assembly
10a	PHWB5033-40 Steel Liner x 12.5ft
10b	PHCWB2564-40 Pa Liner x 12.5ft
10c	PHCWB2564AL-40 Pa Liner x 12.5ft
11	PERSP1 Screw Pack
12	PTP25 5 Pin Quick Fit Switch Plug Kit

*Note: Water feed hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

Example: PN45V07OB-QWF1
Water feed hose c/w quick fit



*Note: Water feed hoses are specified by utilizing the part number and a termination suffix from the gas supply hose table on page 52.

Example: PN45V07OB-QWF1
Water feed hose c/w quick fit

SGTHW 18SC - Hot-Wire

Part No.	Description
1	PSLH26-S Cable Support Large
2	PSLH1820-S Surelok Housing Support
3	PNSLH26-H Surelok Housing Large
4	PSLHD40V64AOB Power Cable x 12.5ft Surelok O/B
5	PNSL3550 Surelok Body and Support
6	*PN45V07OB-QWF# Water Hose x 12.5ft O/B
7	*P45V09-QGS# Gas Hose x 12.5ft PVC
8	*PNSLOB-1-QWR# Water Return Hose O/B
9	PCWT-OLS Outer Liner Support Sleeve
10a	PHWB5033-40 Steel Liner x 12.5ft
10b	PHCWB2564-40 PA Liner x 12.5ft
10c	PHCWB2564AL-40 PA Liner x 12.5ft
11	PHWT-BN Wire Feeding Tube Nipple-Back
12	PCW5095 Large Dinse Plug
13	PHWT-GWT Wire Guide Tube
14	PHWT-NI Wire Guide Nipple
15	PHWT-NUT Liner Retaining Nut
16	PBD-80310 Blue Cap Stopper
17	PBD-80320 Red Cap Stopper
18	PERSP1 Screw Pack
19	PCP10-25 Cable Plug Assembly



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