

SUREGRIP TRF
PLASMA CUTTING SERIES



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

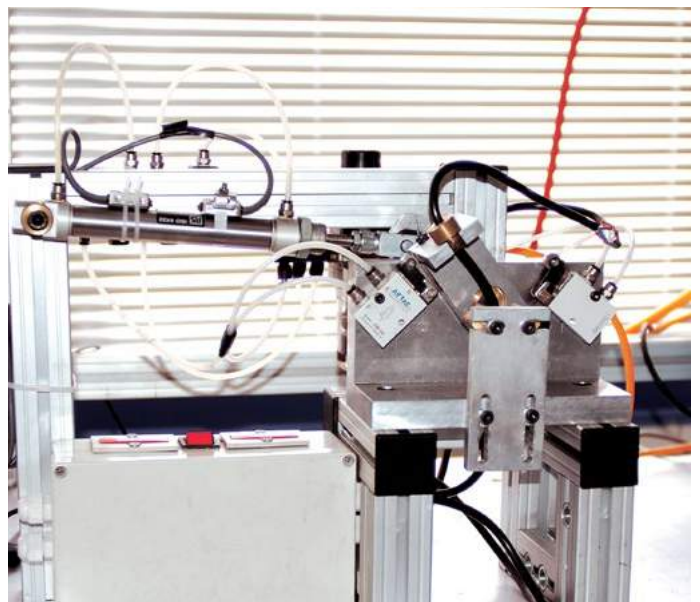
A fusion of precision production engineering, our bespoke processing techniques and a fanatical attention to detail ensures every welding torch we produce is worthy of the Parker Torchology name.

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

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Air-Cooled		

Suregrip TRF Plasma Cutting Torch Range

Air-Cooled Features Focus

Air-Cooled

A comprehensive range of torches that utilize back striking technology with and without the use of high frequency.

Dynamic Engineering and Superior Design Ergonomics



100% Trafimet® Compatibility Guaranteed

Quality Wear Parts

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

Safety Systems

A twin “fail-safe” system located beneath the shield cap ensures the torch cannot be activated if the cap is removed



Torch Bodies

Produced from precision tolerated machined parts and aerospace polymers

Features Focus

Cutting Tools for the Professional



Ergonomics – For Comfort and Handleability

- Large surface area grips improve positionability and operator comfort
- Cable supports are designed to offer the greatest flexibility

Trigger System

A patented slide to operate switch system is easy to operate and prevents accidental torch ignition



Terminations

Terminations available for separate and central connector cable types



The Smart Way To Buy Welding and Cutting Tools

Suregrip TRF Plasma Cutting Torch Range

Ratings: 25 Amp to 150 Amp



Model	STR S25K	STR S45	STR A81	STR A81R	STR A101
Technical Data					
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Rating:	25A	40A	80A	80A	100A
Cutting Thickness	6-8mm	8-12mm	20-25mm	20-25mm	25-30mm
Duty Cycle:	60%	60%	60%	60%	60%
Gas	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂
Gas Pressure	2.8 bar 40 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi
Gas Flow	40 l/min 85 scfh	100 l/min 210 scfh	160 l/min 340 scfh	160 l/min 340 scfh	180 l/min 380 scfh
Pilot	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip
Ignition	Without HF	Without HF	HF	HF	HF
Post Flow	90 sec	90 sec	90 sec	90 sec	90 sec

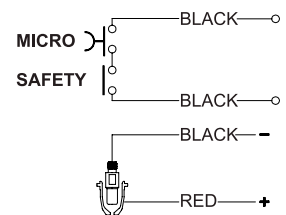
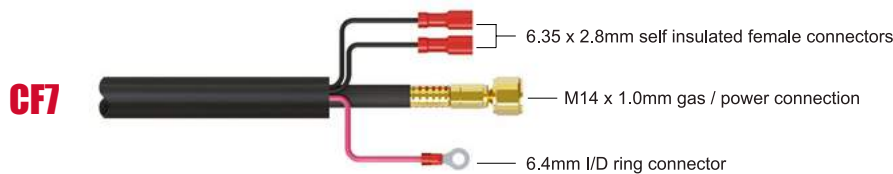
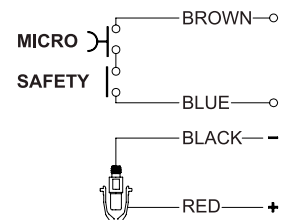
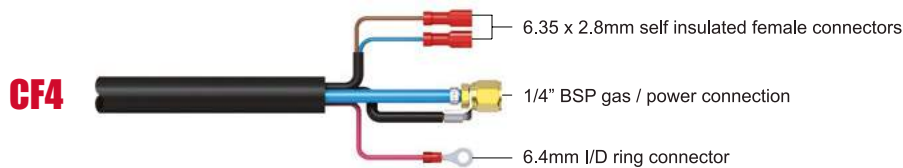
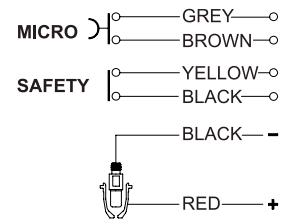
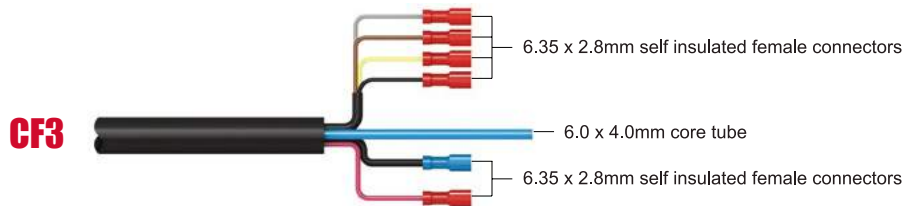
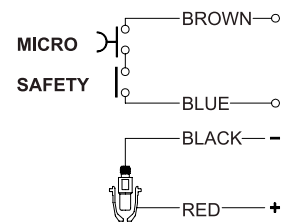
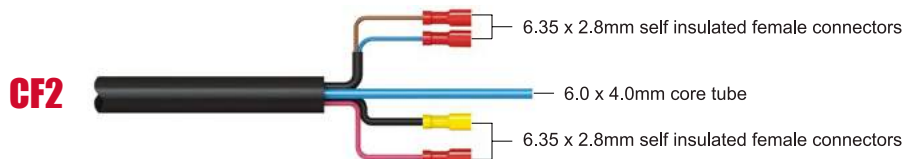
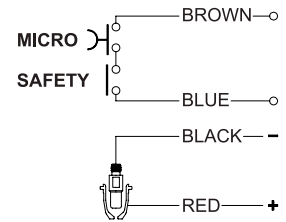
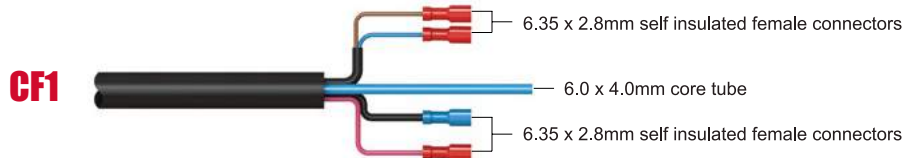
Suregrip TRF Plasma Cutting Torch Range

Ratings: 25 Amp to 150 Amp



Model	STR A101R	STR A141	STR A141R	STR A151	STR A151R
Technical Data					
Cooling Method	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Rating:	100A	140A	140A	150A	150A
Cutting Thickness	25-30mm	35-40mm	35-40mm	35-40mm	35-40mm
Duty Cycle:	60%	60%	60%	60%	60%
Gas	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂	Air/N ₂
Gas Pressure	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi	4.5-5.0 bar 65-75 psi
Gas Flow	180 l/min 380 scfh	220 l/min 470 scfh	220 l/min 470 scfh	220 l/min 470 scfh	220 l/min 470 scfh
Pilot	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip	Electrode to Tip
Ignition	HF	HF	HF	HF	HF
Post Flow	90 sec	90 sec	90 sec	90 sec	90 sec

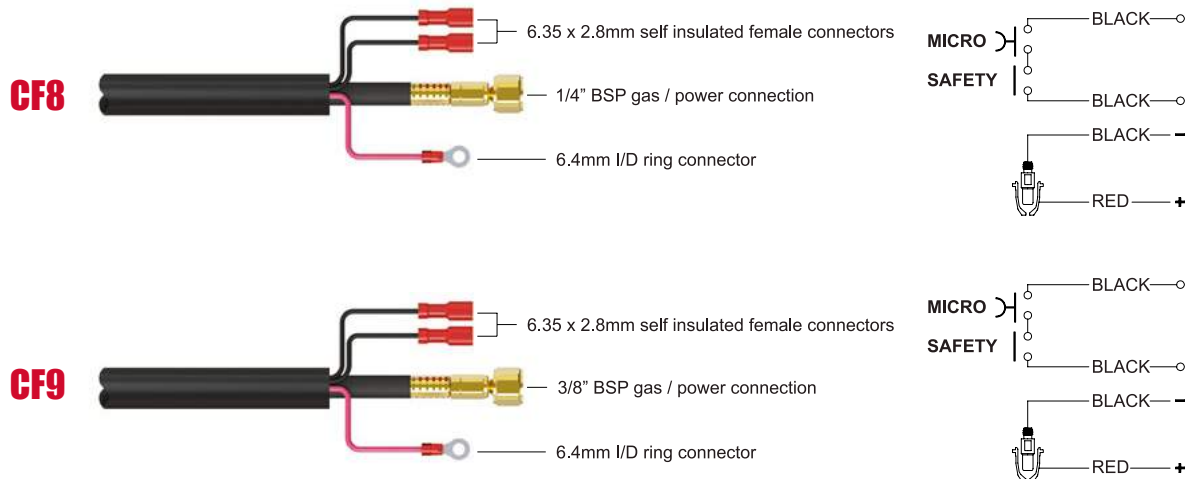
Cable Fitting Options



Suregrip TRF Plasma Cutting Torch Range

Cable Terminations and Wiring Systems Explained

Cable Fitting Options

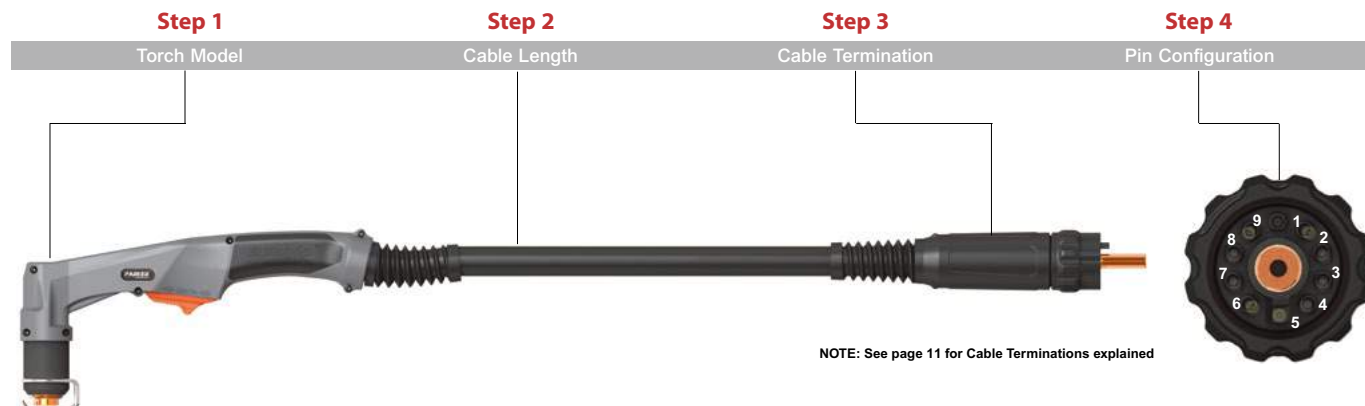


Central Connector Options



Model	STR S25K	STR S45	STRA81	STRA81R	STRA101	STRA101R	STRA141	STRA141R	STRA151	STRA151R
CF1	●	●	●	●	●	●	●	●	●	●
CF2	●	●	●	●	●	●	●	●	●	●
CF3	●	●	●	●	●	●	●	●	●	●
CF4	●	●	●	●	●	●	●	●	●	●
CF7	●	●	●	●	●	●	●	●	●	●
CF8	●	●	●	●	●	●	●	●	●	●
CF9	●	●	●	●	●	●	●	●	●	●
CC1	●	●	●	●	●	●	●	●	●	●
CC2	●	●	●	●	●	●	●	●	●	●

● Denotes standard termination option



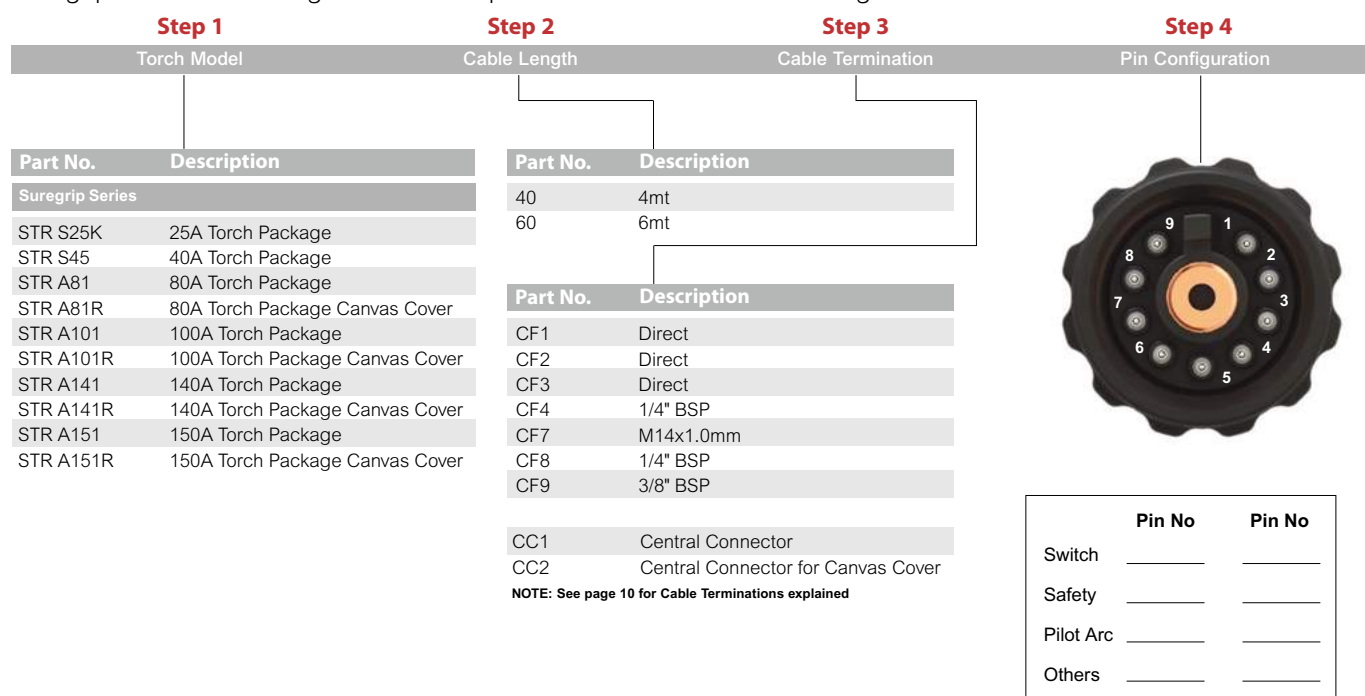
Ordering Information

Torch package part numbering is configured using the simple 4 stage system outlined below:

1. Select the correct model of torch
2. Select the cable length required
3. Select the power cable connections required
4. If you have selected a CC style termination, specify the pin numbers for the
 - Switch system
 - Safety system
 - Pilot arc
 - Any other requirements

Example: STR A141-60-CF7

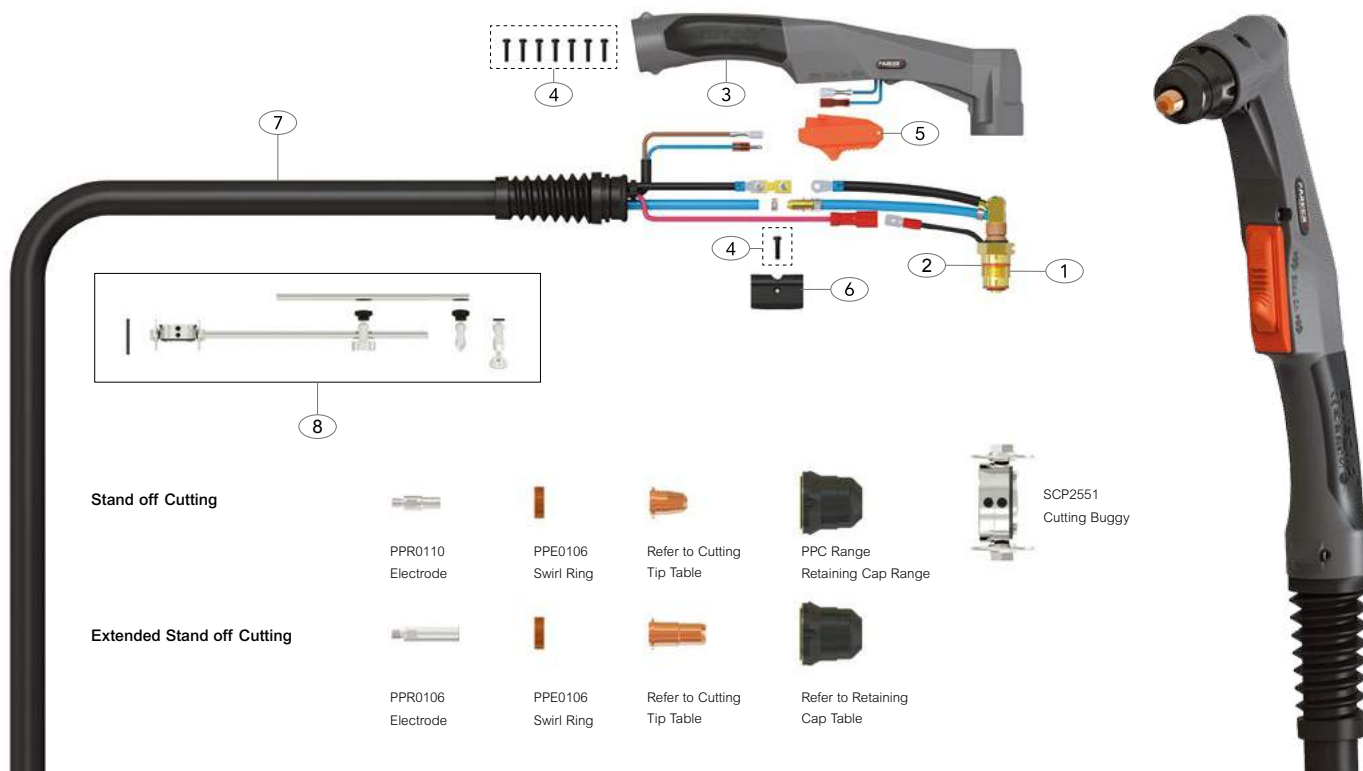
Suregrip 141 Torch Package x 6mt c/w separate cables and M14x1.0 fitting



STR S25K Suregrip TRF Plasma Cutting Torch Range

Rating: 25A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Stand off Cutting

PPR0110
Electrode

PPE0106
Swirl Ring

Refer to Cutting
Tip Table

PPC Range
Retaining Cap Range

SCP2551
Cutting Buggy

Extended Stand off Cutting

PPR0106
Electrode

PPE0106
Swirl Ring

Refer to Cutting
Tip Table

Refer to Retaining
Cap Table

Model

Description	Part No.	
Suregrip TRF Plasma Cutting Torch Package	4mt	6mt
	STR S25K-40-CF1	STR S25K-60-CF1

Alternative torch packages can be configured using the configurator on page 12

Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
* PPD0116-06	Cutting Tip	0.6mm	25A
PPD0103-65	Cutting Tip	0.65mm	25A

Retaining Caps

Part No.	Description
* PPC0117	Retaining Cap, 2 Holes

Spare Parts

Part No.	Description
1 STR2501	STR25 70° Torch Head Kit
2 SCP2508	O Ring
3 SGP2514	Plasma Handle Kit
4 SCPSP1	Screw Pack
5 SCP2516	Plasma Safety Trigger
6 SCP2515	Location Block
7 * SCP2519-40 -#	Cable Assembly Complete x 4mt
* SCP2519-60 -#	Cable Assembly Complete x 6mt
8 SCP2550	Circle Cutting Attachment Kit

*Denotes torch package standard wear part set-up

For more information please refer to the following sections:

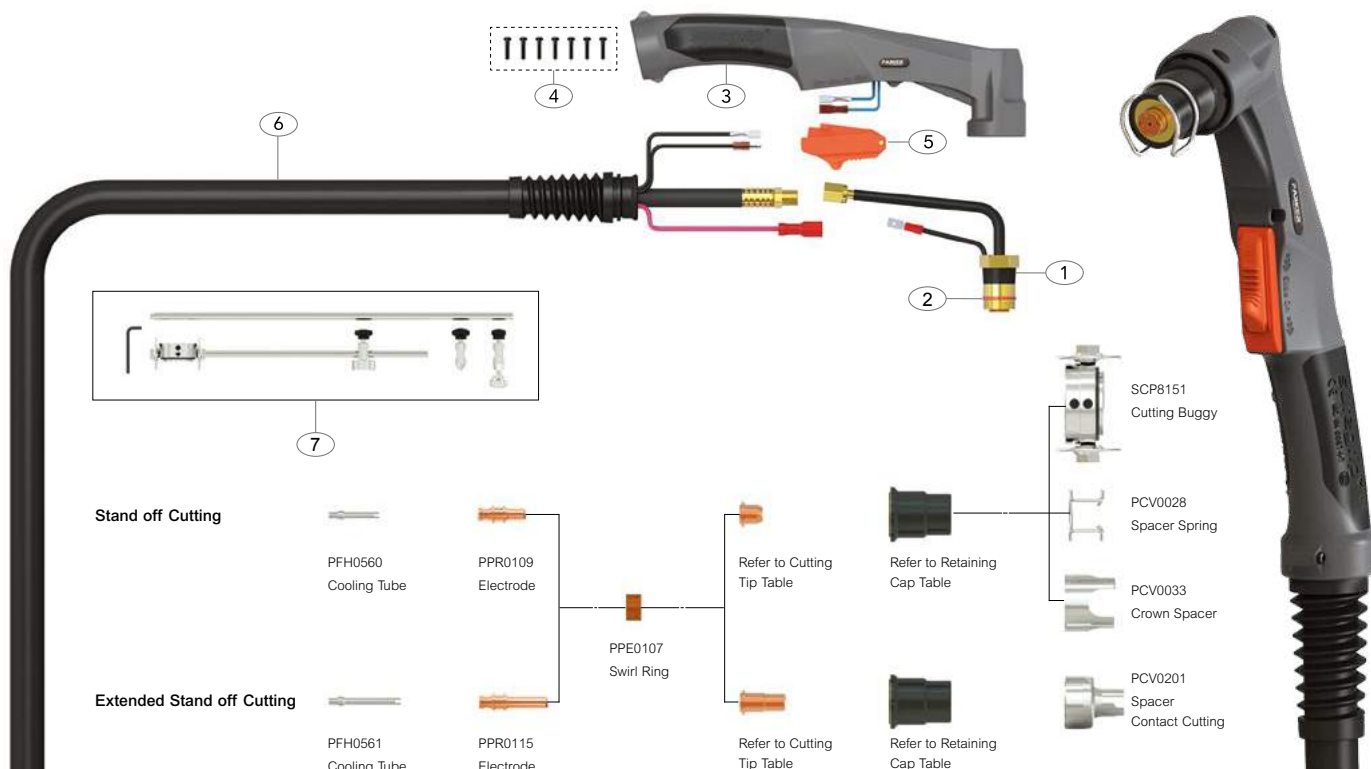
- Cable Terminations Page 10
- Master Wear Parts Table Page 30-37
- Wear Parts Configuration Tables Page 38-41



STR A81 Suregrip TRF Plasma Cutting Torch Range

Rating: 80A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Model

Description	Part No.	
Suregrip TRF Plasma Cutting Torch Package	4mt	6mt
	STR A81-40-CF9	STR A81-60-CF9

Alternative torch packages can be configured using the configurator on page 12

Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
* PPD0105-10	Cutting Tip	1.0mm	50A
PPD0105-11	Cutting Tip	1.1mm	60A
PPD0105-12	Cutting Tip	1.2mm	70A
PPD0106-10	Cutting Tip Extended	1.0mm	50A
PPD0106-12	Cutting Tip Extended	1.2mm	70A

Retaining Caps

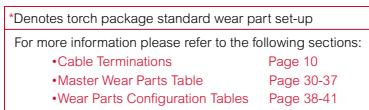
Part No.	Description
* PPC0115	Retaining Cap

Spare Parts

Part No.	Description
1 STR0140	STR81 70° Torch Head Kit
2 SCP8008	O Ring
3 SCP8014/HF	Plasma Handle Kit
4 SCPSP1	Screw Pack
5 SCP2516	Plasma Safety Trigger
6 *SCP8119-40 -#	Cable Assembly Complete x 4mt
*SCP8119-60 -#	Cable Assembly Complete x 6mt
7 PCV0052	Circle Cutting Attachment Kit

CF9

*Denotes torch package standard wear part set-up
For more information please refer to the following sections:
• Cable Terminations Page 10
• Master Wear Parts Table Page 30-37
• Wear Parts Configuration Tables Page 38-41



STR A81R Suregrip TRF Plasma Cutting Torch Range

Rating: 80A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
* PPD0105-10	Cutting Tip	1.0mm	50A
PPD0105-11	Cutting Tip	1.1mm	60A
PPD0105-12	Cutting Tip	1.2mm	70A
PPD0106-10	Cutting Tip Extended	1.0mm	50A
PPD0106-12	Cutting Tip Extended	1.2mm	70A

Retaining Caps

Part No.	Description
*PPC0115	Retaining Cap

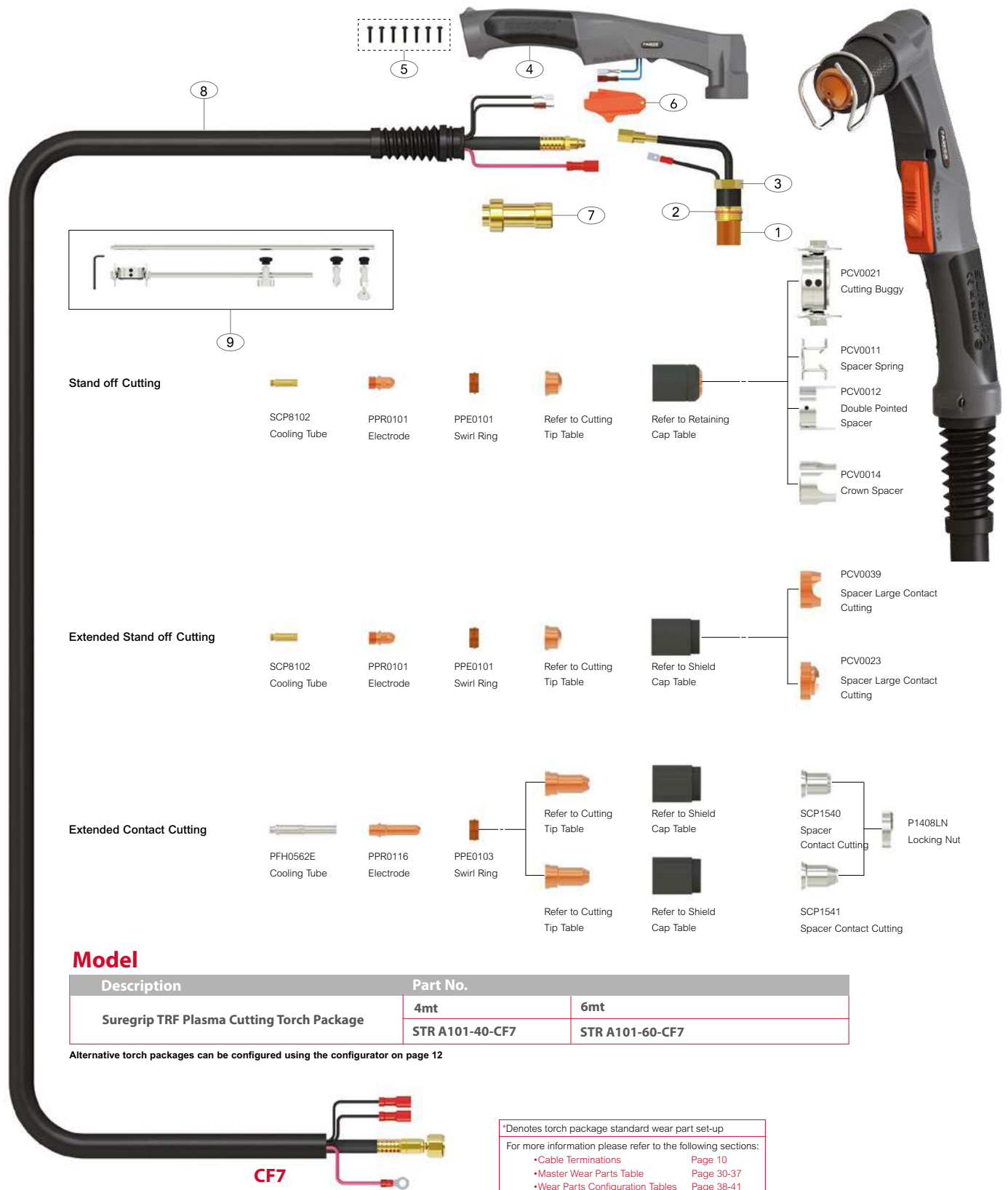
Spare Parts

Part No.	Description
1 STR0140	STR81 70° Torch Head Kit
2 SCP8008	O Ring
3 SCP8014/HF	Plasma Handle Kit
4 SCPSP1	Screw Pack
5 SCP2516	Plasma Safety Trigger
6 *SCP8119-40 -#	Cable Assembly Complete x 4mt
*SCP8119-60 -#	Cable Assembly Complete x 6mt
7 PCV0052	Circle Cutting Attachment Kit

STR A101 Suregrip TRF Plasma Cutting Torch Range

Rating: 100A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



STR A101 Suregrip TRF Plasma Cutting Torch Range

Rating: 100A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
PPD0101-17	Cutting Tip	1.7mm	140A
* PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0111	Retaining Cap, Long Life
PPC0130	Shield Cap Body Max.Life

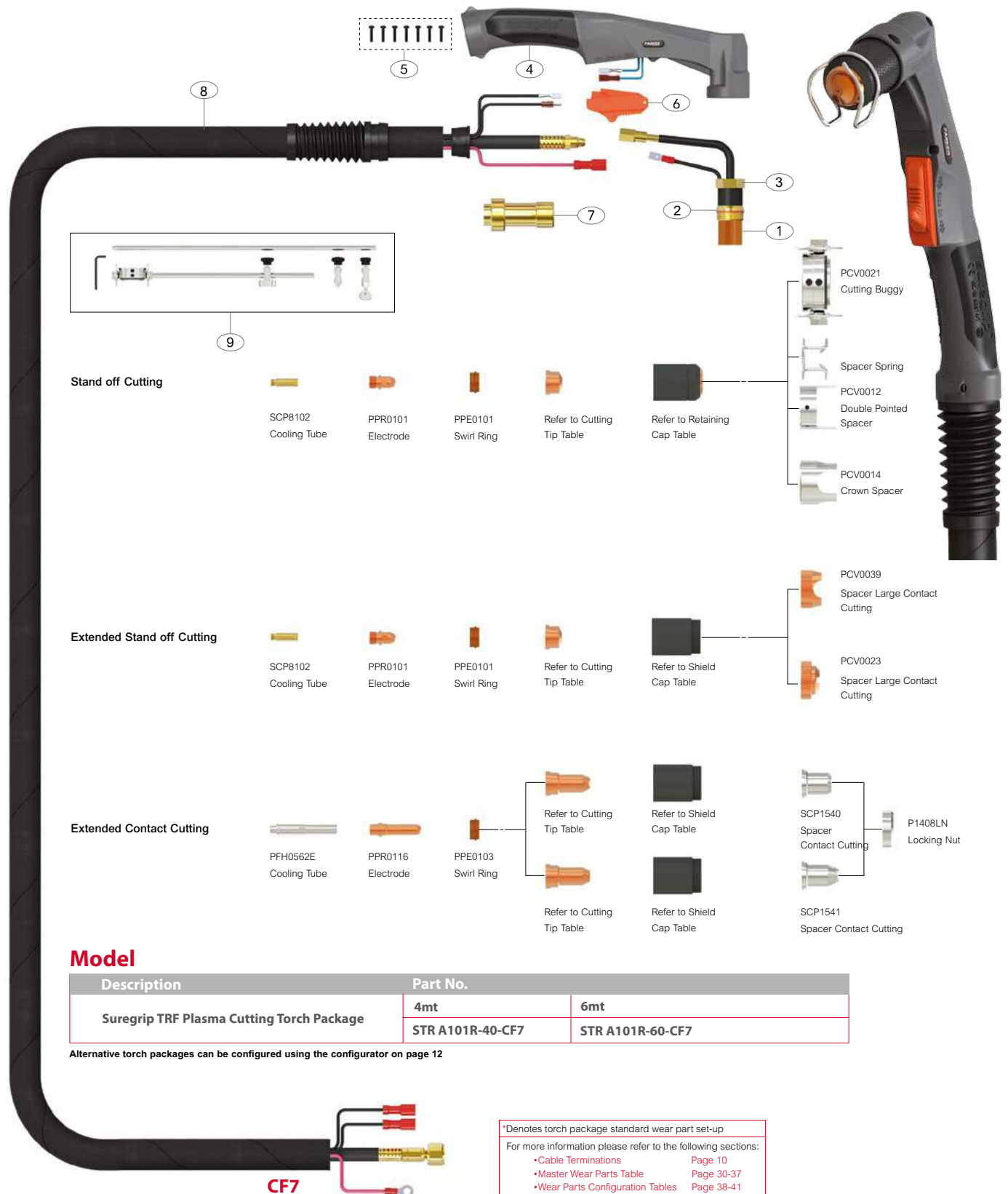
Spare Parts

Part No.	Description
1 SCP1003	Front Insulation
2 SCP1008	O Ring
3 STR0145	STR101 70° Torch Head Kit
4 SCP8014/HF	Plasma Handle Kit
5 SCPSP1	Screw Pack
6 SCP2516	Plasma Safety Trigger
7 PGR60	Extractor For Swirl Ring
8 *SCP10119-40 -#	Cable Assembly Complete x 4mt
*SCP10119-60 -#	Cable Assembly Complete x 6mt
9 PCV0022	Circle Cutting Attachment Kit

STR A101R Suregrip TRF Plasma Cutting Torch Range

Rating: 100A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



STR A101R Suregrip TRF Plasma Cutting Torch Range

Rating: 100A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
PPD0101-17	Cutting Tip	1.7mm	140A
* PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0111	Retaining Cap, Long Life
PPC0130	Shield Cap Body Max.Life

Spare Parts

Part No.	Description
1 SCP1003	Front Insulation
2 SCP1008	O Ring
3 STR0145	STR101 70° Torch Head Kit
4 SCP8014/HF	Plasma Handle Kit
5 SCPSP1	Screw Pack
6 SCP2516	Plasma Safety Trigger
7 PGR60	Extractor For Swirl Ring
8 *SCP10119-40 -#	Cable Assembly Complete x 4mt
*SCP10119-60 -#	Cable Assembly Complete x 6mt
9 PCV0022	Circle Cutting Attachment Kit

STR A141 Suregrip TRF Plasma Cutting Torch Range

Rating: 140A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



The diagram illustrates the components of the STR A141 Suregrip TRF Plasma Cutting Torch Range, categorized by cutting method. The main torch assembly is shown on the right, with numbered callouts (1-9) pointing to specific parts. Below the main assembly, four cutting methods are detailed with their respective components:

- Stand off Cutting:** SCP1412 Cooling Tube, PPR0101 Electrode, PPE0101 Swirl Ring, Refer to Cutting Tip Table, Refer to Retaining Cap Table, PCV0021 Cutting Buggy, PCV0011 Spacer Spring, PCV0012 Double Pointed Spacer, PCV0014 Crown Spacer.
- Contact Cutting:** SCP1412 Cooling Tube, PPR0101 Electrode, PPE0101 Swirl Ring, Refer to Cutting Tip Table, Refer to Retaining Cap Table, PCV0039 Spacer Large Contact Cutting, PCV0023 Spacer Large Contact Cutting.
- Extended Contact Cutting:** PFH0563E Cooling Tube, PPR0116 Electrode, PPE0103 Swirl Ring, Refer to Cutting Tip Table, Refer to Retaining Cap Table, SCP1540 Spacer Contact Cutting, P1408LN Locking Nut, SCP1541 Spacer Contact Cutting.
- Gouging:** SCP1412 Cooling Tube, PPR0101 Electrode, PPE0101 Swirl Ring, Refer to Cutting Tip Table, Refer to Retaining Cap Table, PCV0013 Spacer Gouging.

Model

Description	Part No.	
Suregrip TRF Plasma Cutting Torch Package	4mt	6mt
	STR A141-40-CF7	STR A141-60-CF7

Alternative torch packages can be configured using the configurator on page 12

CF7

*Denotes torch package standard wear part set-up
For more information please refer to the following sections:
 • Cable Terminations Page 10
 • Master Wear Parts Table Page 30-37
 • Wear Parts Configuration Tables Page 38-41

STR A141 Suregrip TRF Plasma Cutting Torch Range

Rating: 140A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

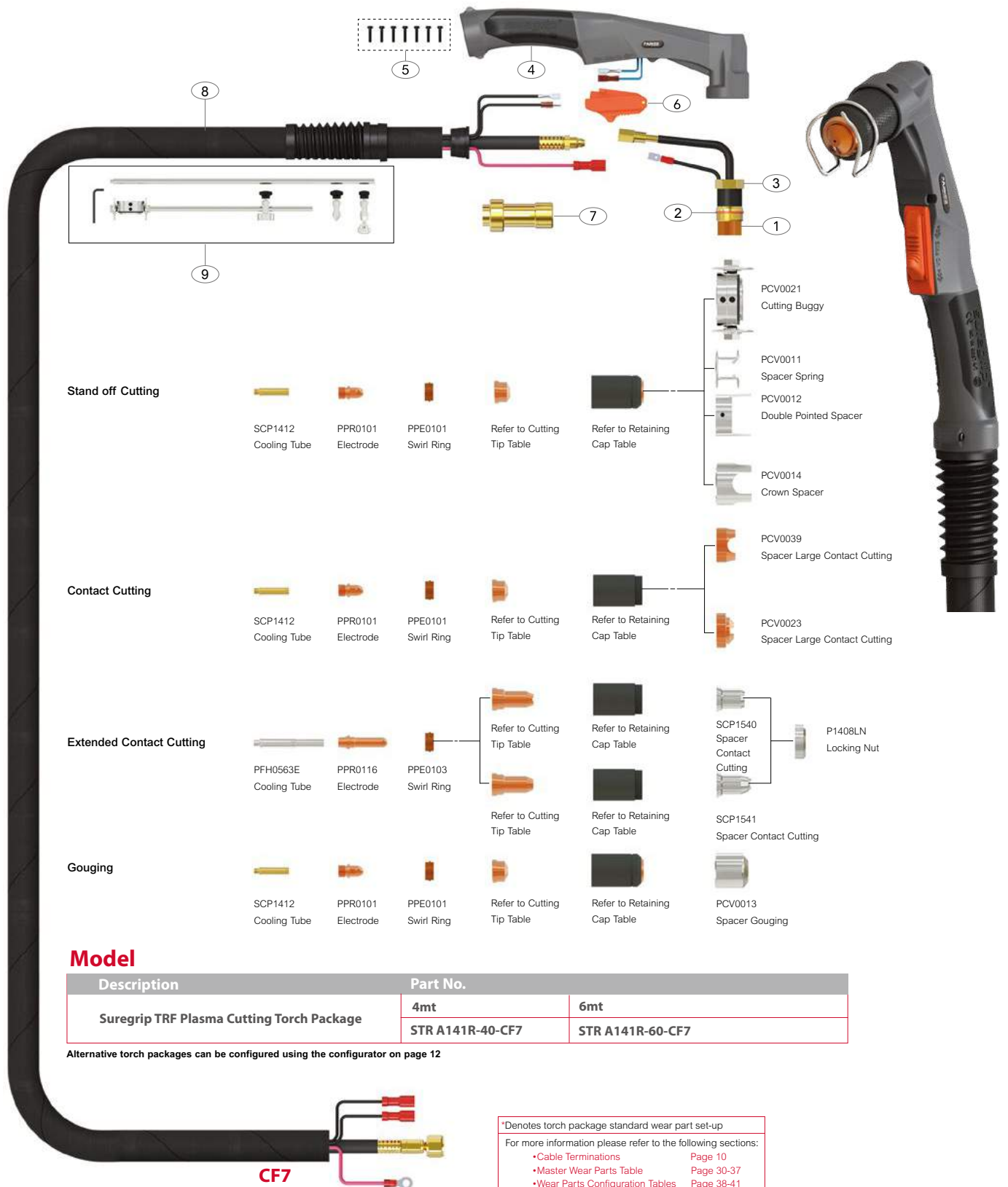
Part No.	Description	Bore Ø A	Amps
PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
* PPD0101-17	Cutting Tip	1.7mm	140A
PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A
PPD0101-19	Cutting Tip	1.9mm	150A
PPD0101-30	Gouging Tip	3.0mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0102	Retaining Cap, Long Life
PPC0131	Shield Cap Body Max.Life

Spare Parts

Part No.	Description
1	SCP1503
2	SCP1008
3	STR0155
4	SCP8014/HF
5	SCPSP1
6	SCP2516
7	PGR60
8	*SCP10119-40 -#
	*SCP10119-60 -#
9	PCV0022



STR A141R Suregrip TRF Plasma Cutting Torch Range

Rating: 140A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
* PPD0101-17	Cutting Tip	1.7mm	140A
PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A
PPD0101-19	Cutting Tip	1.9mm	150A
PPD0101-30	Gouging Tip	3.0mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0102	Retaining Cap, Long Life
PPC0131	Shield Cap Body Max.Life

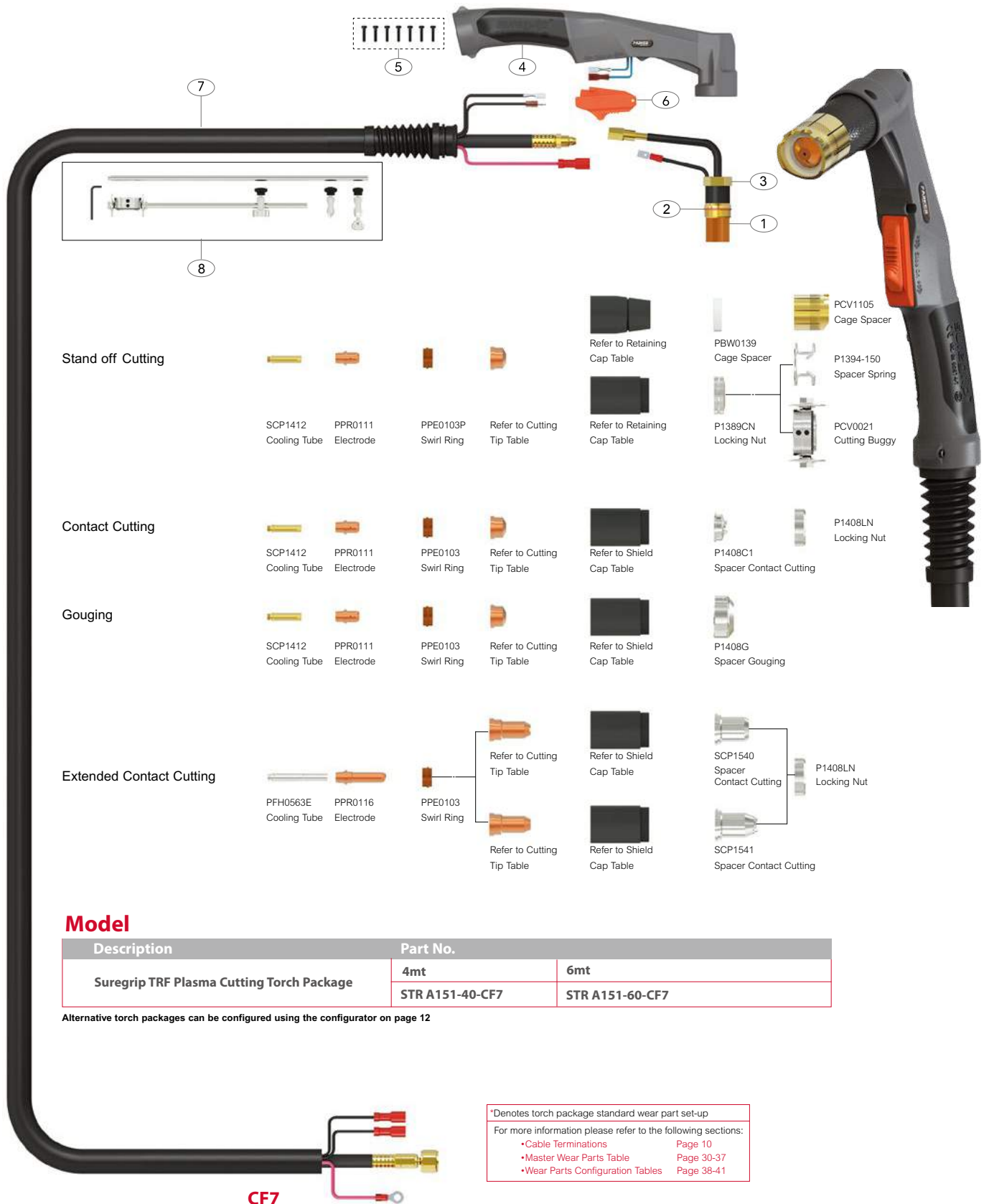
Spare Parts

Part No.	Description
1 SCP1503	Front Insulation
2 SCP1008	O Ring
3 STR0155	STR141 70° Torch Head Kit
4 SCP8014C/HF	Plasma Handle Kit
5 SCPSP1	Screw Pack
6 SCP2516	Plasma Safety Trigger
7 PGR60	Extractor For Swirl Ring
8 *SCP10119C-40 -#	Cable Assembly Complete x 4mt
*SCP10119C-60 -#	Cable Assembly Complete x 6mt
9 PCV0022	Circle Cutting Attachment Kit

STR A151 Suregrip TRF Plasma Cutting Torch Range

Rating: 150A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



STR A151 Suregrip TRF Plasma Cutting Torch Range

Rating: 150A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

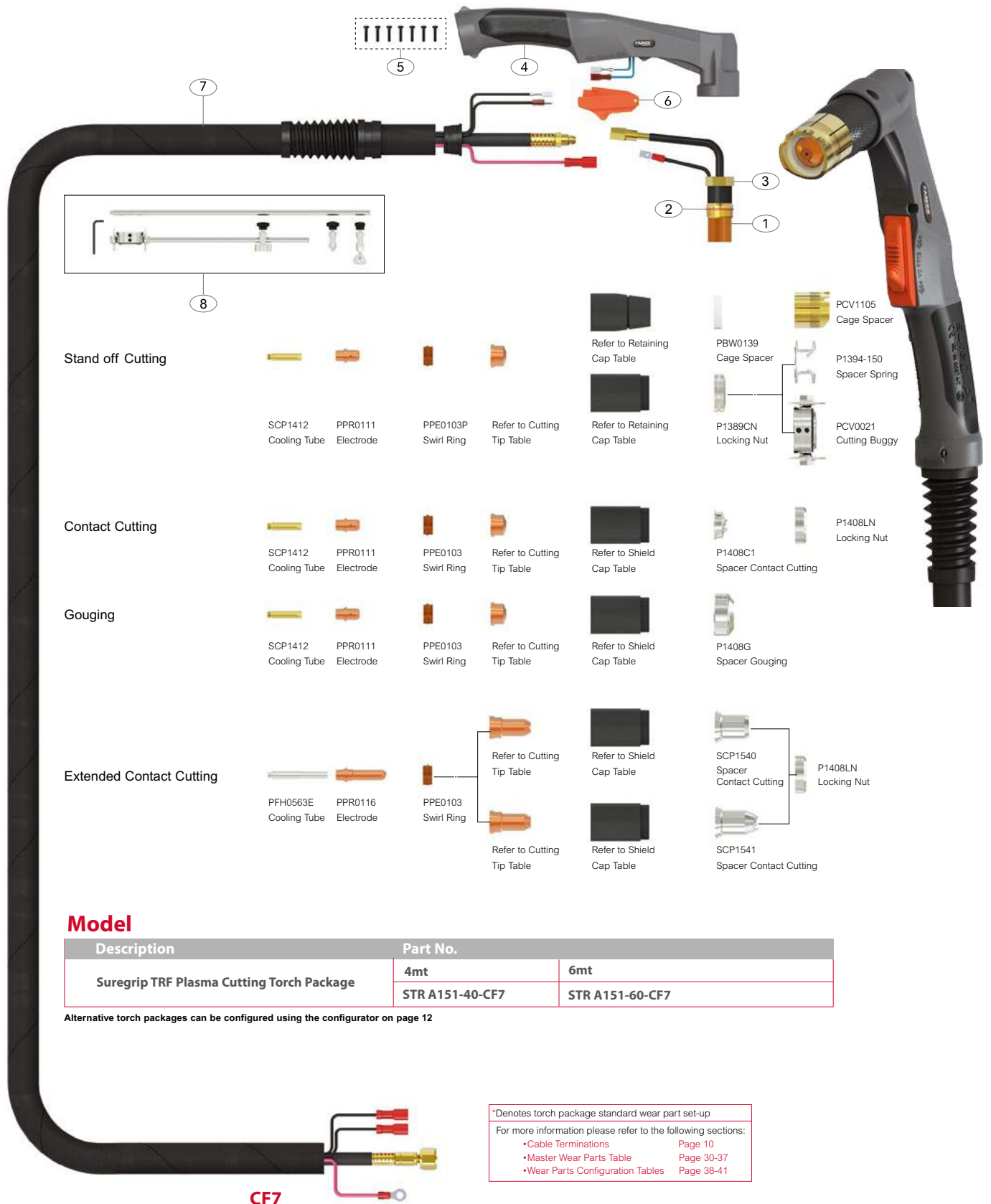
Part No.	Description	Bore Ø A	Amps
PPD0109-14	Cutting Tip	1.4mm	90A
PPD0109-16	Cutting Tip	1.6mm	120A
* PPD0109-18	Cutting Tip	1.8mm	150A
PPD0109-30	Gouging Tip	3.0mm	150A
PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0120	Retaining Cap
PPC0131	Shield Cap Body Max.Life

Spare Parts

Part No.	Description
1	SCP1503 Front Insulation
2	SCP1008 O Ring
3	STR0160 STR151 70° Torch Head Kit
4	SCP8014/HF Plasma Handle Kit
5	SCPSP1 Screw Pack
6	SCP2516 Plasma Safety Trigger
7	*SCP10119-40 -# Cable Assembly Complete x 4mt
	*SCP10119-60 -# Cable Assembly Complete x 6mt
8	PCV0022 Circle Cutting Attachment Kit



STR A151R Suregrip TRF Plasma Cutting Torch Range

Rating: 150A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
PPD0109-14	Cutting Tip	1.4mm	90A
PPD0109-16	Cutting Tip	1.6mm	120A
* PPD0109-18	Cutting Tip	1.8mm	150A
PPD0109-30	Gouging Tip	3.0mm	150A
PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0120	Retaining Cap
PPC0131	Shield Cap Body Max.Life

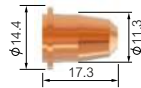
Spare Parts

Part No.	Description
1	SCP1503 Front Insulation
2	SCP1008 O Ring
3	STR0160 STR151 70° Torch Head Kit
4	SCP8014/HF Plasma Handle Kit
5	SCPSP1 Screw Pack
6	SCP2516 Plasma Safety Trigger
7	*SCP10119-40 -# Cable Assembly Complete x 4mt
	*SCP10119-60 -# Cable Assembly Complete x 6mt
8	PCV0022 Circle Cutting Attachment Kit

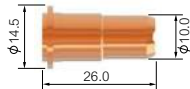
Cutting Tips

STR S25K

Part No.	Description	Bore ϕ A	Amps
* PPD0116-06	Cutting Tip	0.6mm	25A

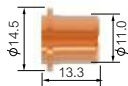


PPD0103-65	Cutting Tip	0.65mm	25A
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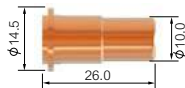


STR A81/A81R

Part No.	Description	Bore ϕ A	Amps
PPD0105-10	Cutting Tip	1.0mm	50A
PPD0105-11	Cutting Tip	1.1mm	60A
* PPD0105-12	Cutting Tip	1.2mm	70A

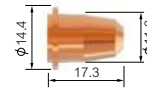


PPD0106-10	Cutting Tip Extended	1.0mm	50A
PPD0106-12	Cutting Tip Extended	1.2mm	70A

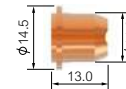


STR S45

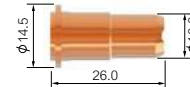
Part No.	Description	Bore ϕ A	Amps
* PPD0116-08	Cutting Tip	0.8mm	30A



PPD0102-10	Cutting Tip	1.0mm	50A
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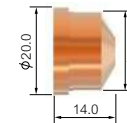


PPD0103-09	Cutting Tip Extended	0.9mm	40A
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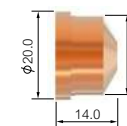


STR A141/A141R

Part No.	Description	Bore ϕ A	Amps
* PPD0101-19	Cutting Tip	1.9mm	150A



* PPD0101-30	Gouging Tip	3.0mm	150A
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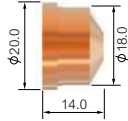
* Denotes torch package standard wear part set-up

Wear Parts

Cutting Tips

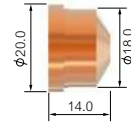
STR A101/A101R/A141/A141R

Part No.	Description	Bore ϕ A	Amps
PPD0101-11	Cutting Tip	1.1mm	60A
PPD0101-14	Cutting Tip	1.4mm	90A
* PPD0101-17	Cutting Tip	1.7mm	140A



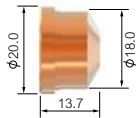
STR A151/A151R

Part No.	Description	Bore ϕ A	Amps
PPD0109-30	Gouging Tip	3.0mm	150A



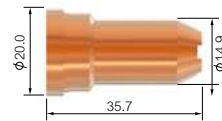
STR A151/A151R

Part No.	Description	Bore ϕ A	Amps
PPD0109-14	Cutting Tip	1.4mm	90A
PPD0109-16	Cutting Tip	1.6mm	120A
* PPD0109-18	Cutting Tip	1.8mm	150A

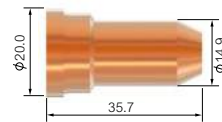


STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description	Bore ϕ A	Amps
PPD0111-12	Cutting Tip Extended	1.2mm	70A



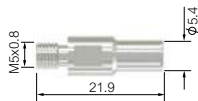
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A



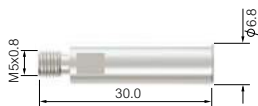
Electrodes

STR S25K/S45

Part No.	Description
* PPR0110	Electrode

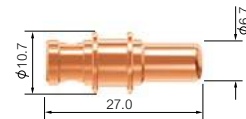


PPR0106 Electrode

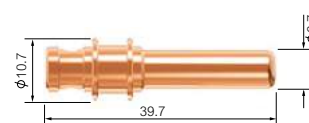


STR A81/A81R

Part No.	Description
* PPR0109	Electrode



PPR0115 Electrode Extended



* Denotes torch package standard wear part set-up

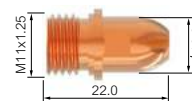
STR S45

Part No.	Description
PPR0105	Electrode



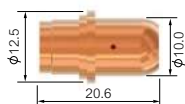
STR A101/A101R/A141/A141R

Part No.	Description
* PPR0101	Electrode



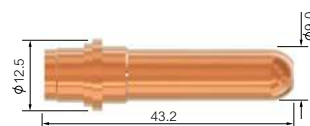
STR A151/A151R

Part No.	Description
* PPR0111	Electrode



STR A101/A101R/A141/A141R/A151/A151R

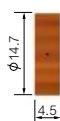
Part No.	Description
PPR0116	Electrode Extended



Swirl Rings

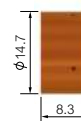
STR S25K/S45

Part No.	Description
* PPE0106	Swirl Ring



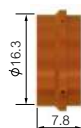
STR A81/A81R

Part No.	Description
* PPE0107	Swirl Ring



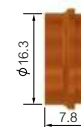
STR A101/A101R/A141/A141R

Part No.	Description
* PPE0101	Swirl Ring



STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description
* PPE0103	Swirl Ring



* Denotes torch package standard wear part set-up

Wear Parts

Retaining Caps

STR S25K

Part No.	Description
* PPC0117	Retaining Cap, 2 Holes



STR S45

Part No.	Description
* PPC0116	Retaining Cap, 6 Holes



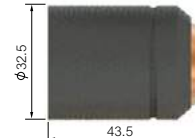
STR A81/A81R

Part No.	Description
* PPC0115	Retaining Cap



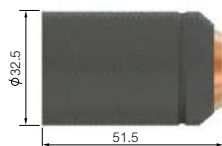
STR A101/A101R

Part No.	Description
* PPC0111	Retaining Cap, Long Life



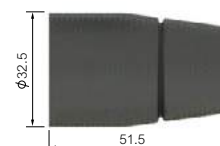
STR A141/A141R

Part No.	Description
* PPC0102	Retaining Cap, Long Life



STR A151/A151R

Part No.	Description
* PPC0120	Retaining Cap



Shield Cap Bodies

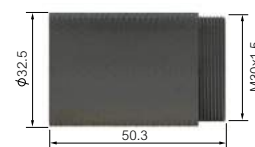
STR A101/A101R

Part No.	Description
PPC0130	Shield Cap Body Max.Life



STR A141/A141R/A151/A151R

Part No.	Description
PPC0131	Shield Cap Body Max.Life

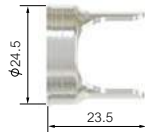


* Denotes torch package standard wear part set-up

Stand off Guides

STR S45

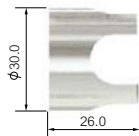
Part No.	Description
* SCP2540	Double Pointed Spacer



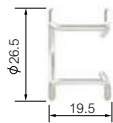
* standard wear part for SCP60

STR A81/A81R

Part No.	Description
PCV0033	Spacer Crown



* PCV0028 Spacer Spring

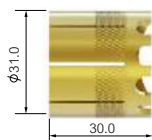


STR A151/A151R

Part No.	Description
P1394-150	Spacer Spring



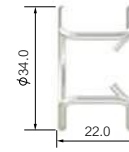
* PCV1105 Spacer Cage



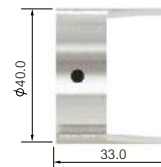
* Denotes torch package standard wear part set-up

STR A101/A101R/A141/A141R

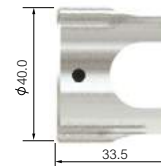
Part No.	Description
* PCV0011	Spacer Spring



PCV0012 Spacer Double Pointed

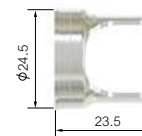


PCV0014 Spacer Crown



STR S45

Part No.	Description
* SCP2540	Double Pointed Spacer



* standard wear part for SCP60

Shield Caps

STR A151/A151R

Part No.	Description
* PBW0139	Nozzles Shield



Wear Parts

Spacer for Gouging

STR A141/A141R/A151/A151R

Part No.	Description
PCV0013	Spacer Gouging



STR A151/A151R

Part No.	Description
P1408G	Spacer Gouging



Spacer for Contact Cutting

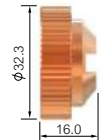
STR A81/A81R

Part No.	Description
PCV0201	Spacer Contact Cutting



STR A101/A101R/A141/A141R

Part No.	Description
PCV0023	Spacer Contact Cutting



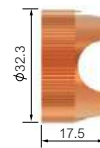
PCV0039 Spacer Contact Cutting Large

STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description
PCV0008	Spacer Contact Cutting



PCV0009 Spacer Contact Cutting



STR A151/A151R

Part No.	Description
P1408C1	Spacer Contact Cutting



* Denotes torch package standard wear part set-up

Locking Nut

STR A151/A151R

Part No.	Description
P1389CN	Locking Nut



STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description
P1408LN	Locking Nut



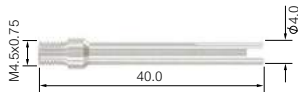
Cooling Tubes

STR A81/A81R

Part No.	Description
* PFH0560	Cooling Tube



PFH0561	Cooling Tube Extended
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STR A101/A101R

Part No.	Description
* SCP8102	Cooling Tube

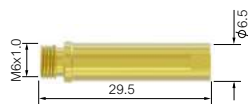


PFH0562E	Cooling Tube Extended
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STR A141/A141R/A151/A151R

Part No.	Description
* SCP1412	Cooling Tube



STR A141/A141R/A151/A151R

Part No.	Description
PFH0563E	Cooling Tube Extended

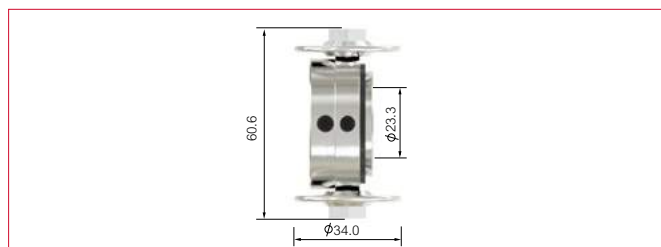


* Denotes torch package standard wear part set-up

Cutting Buggies

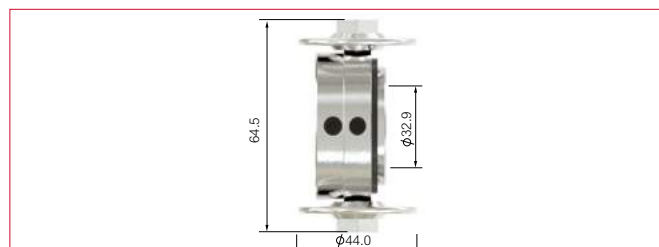
STR S25K/S45

Part No.	Description
SCP2551	Cutting Buggy



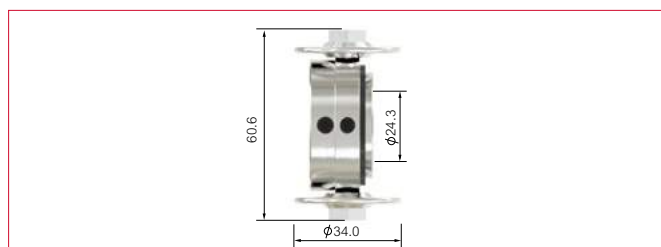
STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description
PCV0021	Cutting Buggy



STR A81/A81R

Part No.	Description
SCP8151	Cutting Buggy



Circle / Cutting Attachment Kits

STR S25K/S45

Part No.	Description
SCP2550	Circle / Cutting Attachment Kit

STR A81/A81R

Part No.	Description
SCP8150	Circle / Cutting Attachment Kit

STR A101/A101R/A141/A141R/A151/A151R

Part No.	Description
PCV0022	Circle / Cutting Attachment Kit



* Denotes torch package standard wear part set-up

STR S25K Series

Stand off Cutting

Stand off Cutting



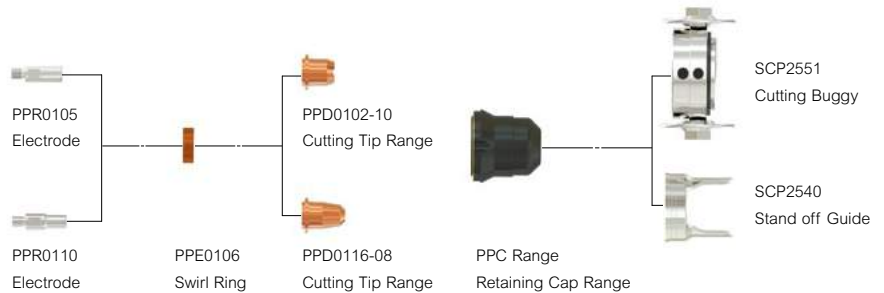
Extended Stand off Cutting



* Wear parts part number and sizes are available on pages 30-37

STR S45 Series

Stand off Cutting



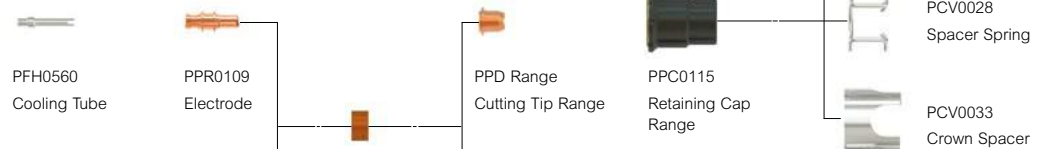
Extended Stand off Cutting



* Wear parts part number and sizes are available on pages 30-37

STR A81/A81R Series

Stand off Cutting



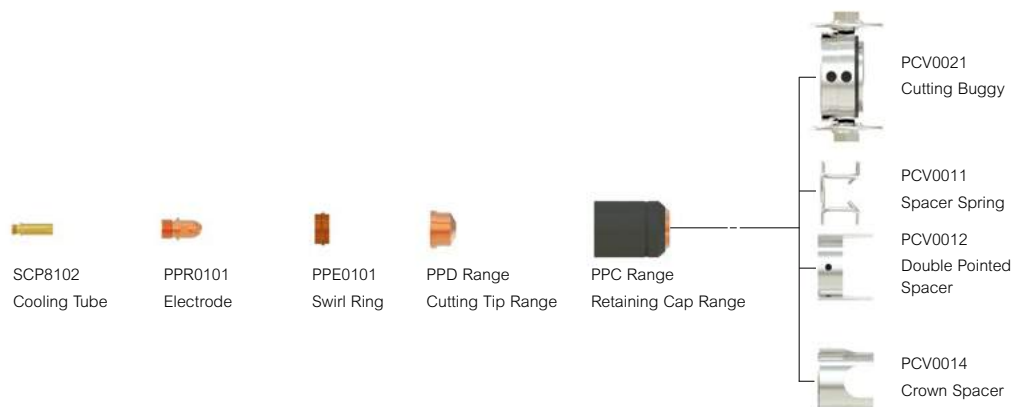
Extended Stand off Cutting



* Wear parts part number and sizes are available on pages 30-37

STR A101/A101R Series

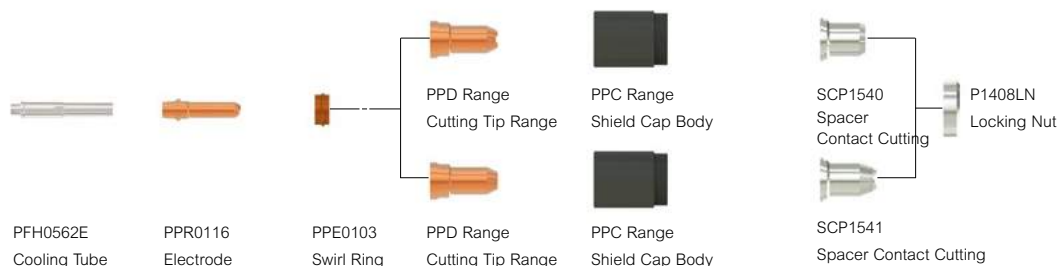
Stand off Cutting



Extended Stand off Cutting



Extended Contact Cutting



* Wear parts part number and sizes are available on pages 30-37

STR A141/A141R Series

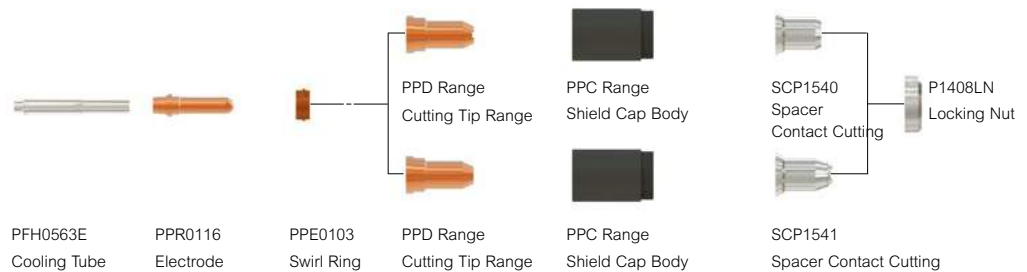
Stand off Cutting



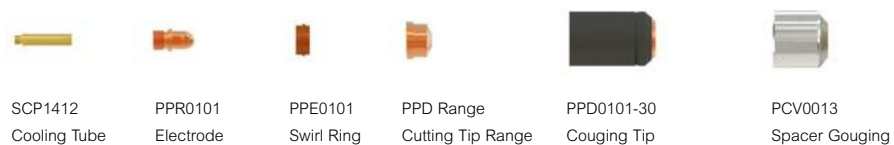
Contact Cutting



Extended Contact Cutting



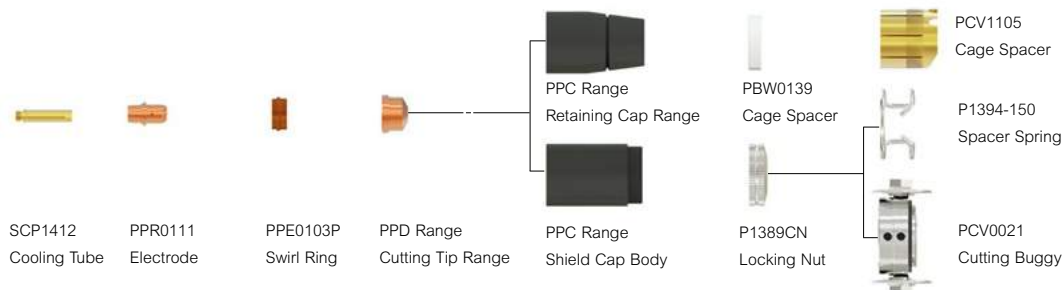
Gouging



* Wear parts part number and sizes are available on pages 30-37

STR A151/A151R Series

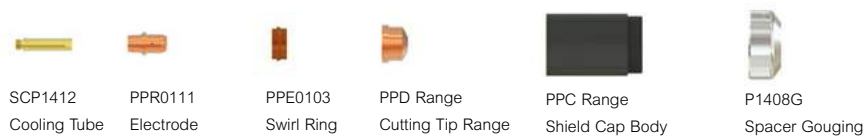
Stand off Cutting



Contact Cutting



Gouging



Extended Contact Cutting



* Wear parts part number and sizes are available on pages 30-37



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MPP033 / V.2019.06