

# STR A141 Suregrip TRF Plasma Cutting Torch Range

Rating: 140A Air/N<sub>2</sub> gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



**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

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## 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 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