



**Stand off Cutting**

- SCP8102 Cooling Tube
- PPR0101 Electrode
- PPE0101 Swirl Ring
- Refer to Cutting Tip Table
- Refer to Retaining Cap Table
- PCV0021 Cutting Buggy
- Spacer Spring
- PCV0012 Double Pointed Spacer
- PCV0014 Crown Spacer

**Extended Stand off Cutting**

- SCP8102 Cooling Tube
- PPR0101 Electrode
- PPE0101 Swirl Ring
- Refer to Cutting Tip Table
- Refer to Shield Cap Table
- PCV0039 Spacer Large Contact Cutting
- PCV0023 Spacer Large Contact Cutting

**Extended Contact Cutting**

- PFH0562E Cooling Tube
- PPR0116 Electrode
- PPE0103 Swirl Ring
- Refer to Cutting Tip Table
- Refer to Shield Cap Table
- Refer to Shield Cap Table
- Refer to Cutting Tip Table
- Refer to Shield Cap Table
- SCP1540 Spacer Contact Cutting
- P1408LN Locking Nut
- SCP1541 Spacer Contact Cutting

**Model**

Description	Part No.	
	4mt	6mt
Suregrip TRF Plasma Cutting Torch Package	STR A101R-40-CF7	STR A101R-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 A101R Suregrip TRF Plasma Cutting Torch Range

Rating: 100A Air/N<sub>2</sub> 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