



**Stand off Cutting**

SCP8102 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

**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	SCP1540 Spacer Contact Cutting
			Refer to Cutting Tip Table	Refer to Shield Cap Table	P1408LN Locking Nut
					SCP1541 Spacer Contact Cutting

**Model**

Description	Part No.	
	4mt	6mt
Suregrip TRF Plasma Cutting Torch Package	STR A101-40-CF7	STR A101-60-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 A101 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	SCP8014C/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