



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
- PCV0039 Spacer Large Contact Cutting
- PCV0023 Spacer Large Contact Cutting

Contact Cutting

- SCP1412 Cooling Tube
- PPR0101 Electrode
- PPE0101 Swirl Ring
- Refer to Cutting Tip Table
- Refer to Retaining Cap Table
- SCP1540 Spacer Contact Cutting
- SCP1541 Spacer 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
- SCP1541 Spacer Contact Cutting
- P1408LN Locking Nut

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.	
	4mt	6mt
Suregrip TRF Plasma Cutting Torch Package	STR A141R-40-CF7	STR A141R-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 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