Heavy Duty "SC" / Propane, Natural Gas

SC46 Series

SC46 One Piece Rugged Duty Cutting

Oxy-Propane
Oxy-Natural Gas

One-piece cutting tips designed for cutting dirty or heavily coated metals for rugged use to include scrapping, heavy construction or where excessive reflected heat is present.

USE IN: *Cutting Attachments* - DG200 & SC200 Series (Maximum size SC46-4).
All SC & DG Series Hand Torches.
All Machine Cutting Torches.

PROPANE

Tip Number	Metal Thickness Inches	Metal Thickness mm	Pressure - PSIG: Cutting Oxygen Reg.	Cutting Oxygen Torch	Preheat Oxy.	Preheat Propane	Kerf Width	Consumption - SCFH: Cutting Oxy.	Preheat Consumption Oxy.	Preheat Consumption Propane	Speed I.P.M.	Cutting Jet	Drill Size Preheat
SC46-2	3/4"	19	36	35	20†	10	.095	105	70	15	16	54	56
SC46-2	1"	25	41	40	20†	10	.095	115	70	15	14	54	56
SC46-2	1-1/4"	32	51	50	20†	10	.095	135	70	15	13	54	56
SC46-4	2-1/2"	64	38	35	20†	10	.125	240	70	15	9	45	56
SC46-4	3"	76	44	40	20†	10	.125	265	70	15	8	45	56
SC46-4	4"	102	54	50	20†	10	.150	315	70	15	7	45	56
SC46-5	5"	127	56	50	20†	10	.150	420	105	22	7	41	54
SC46-5	6"	152	67	60	20†	10	.150	485	105	22	6	41	54
SC46-5	8"	203	78	70	20†	10	.150	550	105	22	5	41	54
SC46-6	10"	254	83	70	20†	12	.200	750	105	22	5	32	54
SC46-6	12"	305	125	90	20†	12	.230	975	105	22	4.5	32	54

† Listed pressure for 3-hose machine cutting torches only..

NATURAL GAS

Tip Number	Metal Thickness Inches	Metal Thickness mm	Pressure - PSIG: Cutting Oxygen Reg.	Cutting Oxygen Torch	Preheat Oxy.	Preheat Nat. Gas	Kerf Width	Consumption - SCFH: Cutting Oxy.	Preheat Consumption Oxy.	Preheat Consumption Nat. Gas	Speed I.P.M.	Cutting Jet	Drill Size Preheat
SC46-2	3/4"	19	36	35	20†	10	.095	105	70	41	16	54	56
SC46-2	1"	25.4	41	40	20†	10	.095	115	70	41	14	54	56
SC46-2	1-1/4"	32	51	50	20†	10	.095	135	70	41	13	54	56
SC46-4	2-1/2"	64	38	35	20†	10	.125	240	70	41	9	45	56
SC46-4	3"	76	44	40	20†	10	.125	265	70	41	8	45	56
SC46-4	4"	102	54	50	20†	10	.150	315	70	41	7	45	56
SC46-5	5"	127	56	50	20†	10	.150	420	52	52	7	41	54
SC46-5	6"	152	67	60	20†	10	.150	485	52	52	6	41	54
SC46-5	8"	203	78	70	20†	10	.150	550	52	52	5	41	54
SC46-6	10"	254	83	70	20†	12	.200	750	90	52	5	32	54
SC46-6	12"	305	125	90	20†	12	.230	975	90	52	4.5	32	54

† Listed pressure for 3-hose machine cutting torches only.