



CUTTING TIPS

EASIEST TO USE, MOST EFFICIENT AND LONGEST LASTING TIPS YOU CAN BUY



MC12 Series
Oxy-Acetylene



Cutting Attachments – PIPELINER
MC-505, MC-509 and AIRLINE AC-309

MC12 Series One Piece Cutting Tips (Oxy-Acetylene)

Unit Price	Tip Number	Metal Thickness	Consumption - SCFH					Kerf Width	Drill Size	
			Pressure - PSIG		Oxygen		Acet.		Cutting Jet	Preheat
			Oxygen	Acety.	Cutting	Preheat	Preheat			
\$22.50 EA	MC12-00	1/8"	20*	10	30	7	6	.050	68	75
		3/16"	20*	10	30	7	6	.050	68	75
\$22.50 EA	MC12-0	3/16"	35*	10	40	7	6	.055	62	75
		3/8"	40*	10	46	7	6	.055	62	75
\$22.50 EA	MC12-1	1/2"	45*	10	75	9	7	.080	55	74
		5/8"	50*	10	81	9	7	.080	55	74
\$22.50 EA	MC12-2	3/4"	50*	10	107	11	9	.095	54	71
		1-1/4"	55*	10	118	11	9	.095	54	71
\$22.50 EA	MC12-3	1-1/2"	55*	10	170	12	10	.100	51	70
		2"	60*	10	181	12	10	.100	51	70
\$22.50 EA	MC12-4	2-1/2"	65*	10	249	14	12	.125	45	70
		3"	70*	10	267	14	12	.125	45	70
		4"	65	10	320	15	13	.125	45	70
\$28.60 EA	MC12-5	4"	80	10	420	15	13	.150	41	70
		6"	90	10	485	15	13	.150	41	70

*Increase pressure 10-15 PSIG when using AC-309 cutting attachment.

Helpful Suggestions

When Inserting Smith Original Cutting Tips into all Smith Cutting Torches

When inserting a new Smith cutting tip for the first time:

- Using a wrench, apply a slight torque pressure to the torch head nut. This procedure will seat the tip.
- Loosen the torch head nut.
- Hand tighten the torch head nut.
- Light the torch, set to neutral flame.
- If there is a slight snapping or popping sound, it indicates a high pressure seat leak (#4A). Shut down the torch; once again, tighten the torch head nut using slight wrench pressure. Relight the torch.
- If a fire appears around the torch head nut, it indicates a low pressure leak (#4B). Shut down the torch; once again, tighten the torch head nut using wrench pressure. Relight the torch.

Slight wrench pressure will allow for seating surfaces (4A and 4B) to make positive contact. Once this is done, **DO NOT USE WRENCH ON TORCH HEAD NUT; HAND TIGHTEN ONLY.**

