

## Medium Duty



### MC12 Series

**Oxy-Acetylene**

Slip-in cutting tips for general medium duty hand cutting.  
Use with medium pressure acetylene and oxygen.

**MC12 Series  
Oxy-Acetylene**

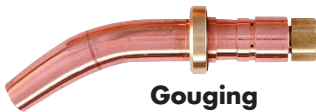
**USE IN:** *Cutting Attachments - DG109A, MC505, MC509, CC509P (all sizes); AC309 (Maximum tip size MC12-4).*

Tips

Tip Number	Metal Thickness		Pressure - PSIG		Kerf Width	Consumption - SCFH			Drill Size	
						Oxygen		Acety. Preheat	Cutting Jet	Preheat
	Inches	mm	Oxygen	Acety.		Cutting	Preheat			
MC12-00	1/8"	3	20*	10	.050	30	7	6	68	75
MC12-00	3/16"	5	20*	10	.050	30	7	6	68	75
MC12-0	1/4"	6	35*	10	.055	40	7	6	62	75
MC12-0	3/8"	10	40*	10	.055	46	7	6	62	75
MC12-1	1/2"	13	45*	10	.080	75	9	7	55	74
MC12-1	5/8"	16	50*	10	.080	81	9	7	55	74
MC12-2	3/4"	19	50*	10	.095	107	11	9	54	71
MC12-2	1"	25.4	55*	10	.095	118	11	9	54	71
MC12-3	1 1/2"	38	55*	10	.100	170	12	10	51	70
MC12-3	2"	51	60*	10	.100	181	12	10	51	70
MC12-4	2 1/2"	64	65*	10	.125	249	14	12	45	70
MC12-4	3"	76	70*	10	.125	267	14	12	45	70
MC12-4	4"	102	65	10	.125	320	15	13	45	70
MC12-5	5"	127	80	10	.150	420	15	13	41	70
MC12-5	6"	152	90	10	.150	485	15	13	41	70

\* Increase pressure 10-15 PSIG when using AC309 cutting attachment.

## Medium & Standard Duty "MC" / Acetylene Special Purpose



**Gouging  
MC13-3**

### Gouging Tip - MC13-3

**Oxy-Acetylene**

For removing old welds or defects in steel. Heavy preheat. Edge preparation.

**USE IN:** *Cutting Attachments - DG109A, MC505, AC309, MC509 & CC509P.*



Tip Number	Purpose	Capacity (inches)	Capacity (mm)	Fuel Gas	Oxy Pressure	Fuel Gas Pressure	Oxy Consumption	Fuel Consumption	Oxy Drill Size	Fuel Gas Configuration
MC13-3	Gouging	3/8" wide x 1/4" deep	10 wide x 6 deep	Acetylene	20	10	115	23*	50	60 29

\* One cylinder required - based on 350 cu. ft. cylinder.



## Medium & Standard Duty "MC" / Alternate Fuel Gas

### MC40 Series

#### Oxy-Propane

Two-piece medium preheat cutting tips for hand cutting with propane and propane base fuel gases.

**USE IN:** *Cutting Attachments* - DG109A, MC505, MC509, CC509P; AC309.

### MC60 Series

#### Oxy-Propylene

Two-piece medium preheat tips for hand cutting with propylene and propylene base fuel gases.

**USE IN:** *Cutting Attachments* - DG109A, MC505, MC509, CC509P; AC309.

### Two-Piece Tips



**MC40 Series**  
Propane & Propane Based Fuels



**MC60 Series**  
Propylene & Propylene Based Fuels

Tips

Tip Number	Metal Thickness		Pressure - PSIG		Consumption - SCFH			Kerf Width	Drill Size Cutting Jet
					Oxygen		Preheat		
	Inches	mm	Oxygen	Propane	Cutting	Preheat	Propane		
MC40-0	1/4"	6	35*	10	40	35	7	.055	62
MC40-0	3/8"	10	40*	10	46	35	7	.055	62
MC40-1	1/2"	13	45*	10	75	35	7	.080	55
MC40-1	5/8"	16	50*	10	81	35	7	.080	55
MC40-2	3/4"	19	50*	10	107	35	7	.095	54
MC40-2	1"	25	55*	10	118	35	7	.095	54
MC40-2	1 1/4"	32	60*	10	133	35	7	.095	54
MC40-3	1 1/2"	38	55*	10	170	35	7	.100	51
MC40-3	2"	51	60*	10	181	35	7	.100	51

Tip Number	Metal Thickness		Pressure - PSIG		Consumption - SCFH			Kerf Width	Cutting Jet
					Oxygen		Preheat		
	Inches	mm	Oxygen	Propylene	Cutting	Preheat	Propylene		
MC60-0	1/4"	6	35*	10	40	26	7	.055	62
MC60-0	3/8"	10	40*	10	46	26	7	.055	62
MC60-1	1/2"	13	45*	10	75	26	7	.080	55
MC60-1	5/8"	16	50*	10	81	26	7	.080	55
MC60-2	3/4"	19	50*	10	107	26	7	.095	54
MC60-2	1"	25	55*	10	118	26	7	.095	54
MC60-2	1 1/4"	32	60*	10	133	26	7	.095	54
MC60-3	1 1/2"	38	55*	10	170	42	11	.100	51
MC60-3	2"	51	60*	10	181	42	11	.100	51

Data based on 25' (7.6m) of 3/16" (5mm) I.D. hose for cutting up to 1 1/2" (38mm) steel and 25' (7.6m) of 1/4" (6mm) I.D. hose for cutting 2" (51mm) steel and above.

\* Increase pressure 10-15 PSIG when using AC305 or AC309 cutting attachment.