

## Medium Duty



**MC12 Series  
Oxy-Acetylene**

### MC12 Series

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

### Oxy-Acetylene

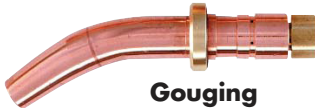
**USE IN:** *Cutting Attachments - DG109A, MC505, MC509, CC509P (all sizes); AC309 (Maximum tip size MC12-4).*

| 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.

Tips

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



**Gouging  
MC13-3**

### Gouging Tip - MC13-3

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

### Oxy-Acetylene

**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<br>x 1/4" deep | 10 wide<br>x 6 deep | Acetylene | 20           | 10                | 115             | 23*              | 50             | 60<br>29               |

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