

SC12 STYLES

| Metal Thickness | | Pressure (PSIG) | | | | | | Consumption (SCFH) | | | | Drill Size | |
|-----------------|--------|-----------------|----------------|-------|---------|--------|------------|--------------------|---------|--------------|--------------|-------------|---------|
| mm | Inch | Tip Size | Cutting Oxygen | | Preheat | | Kerf Width | Oxygen | | | Speed I.P.M. | Cutting Jet | Preheat |
| | | | Reg. | Torch | Oxy | Acety. | | Cutting | Preheat | Fuel Preheat | | | |
| 5 | 3/16" | 00 | 20 | 20 | 10† | 10 | .050 | 24 | 7 | 6.5 | 26 | 68 | 75 |
| 6 | 1/4" | 0 | 30 | 30 | 10† | 10 | .055 | 40 | 7.5 | 7 | 22 | 62 | 74 |
| 10 | 3/8" | 0 | 35 | 35 | 10† | 10 | .055 | 50 | 7.5 | 7 | 20 | 62 | 74 |
| 13 | 1/2" | 1 | 35 | 35 | 10† | 10 | .080 | 75 | 11 | 9.5 | 19 | 56 | 71 |
| 16 | 5/8" | 1 | 40 | 40 | 10† | 10 | .080 | 85 | 11 | 9.5 | 17 | 56 | 71 |
| 19 | 3/4" | 2 | 36 | 35 | 10† | 10 | .095 | 105 | 12 | 10.5 | 16 | 54 | 70 |
| 25 | 1" | 2 | 41 | 40 | 10† | 10 | .095 | 115 | 12 | 10.5 | 14 | 54 | 70 |
| 32 | 1-1/4" | 2 | 51 | 50 | 10† | 10 | .095 | 135 | 12 | 10.5 | 13 | 54 | 70 |
| 38 | 1-1/2" | 3 | 42 | 40 | 10† | 10 | .100 | 170 | 14 | 12 | 12 | 51 | 68 |
| 51 | 2" | 3 | 47 | 45 | 10† | 10 | .100 | 180 | 14 | 12 | 10 | 51 | 68 |
| 64 | 2-1/2" | 4 | 38 | 35 | 10† | 10 | .125 | 240 | 15 | 13 | 9 | 45 | 62 |
| 76 | 3" | 4 | 44 | 40 | 10† | 10 | .125 | 265 | 15 | 13 | 8 | 45 | 62 |
| 102 | 4" | 4 | 54 | 50 | 10† | 10 | .125 | 315 | 16 | 14 | 7 | 45 | 62 |
| 127 | 5" | 5 | 56 | 50 | 10† | 10 | .150 | 420 | 30 | 26* | 7 | 41 | 57 |
| 152 | 6" | 5 | 67 | 60 | 10† | 10 | .150 | 485 | 30 | 26* | 6 | 41 | 57 |
| 203 | 8" | 5 | 78 | 70 | 10† | 10 | .150 | 550 | 30 | 26* | 5.5 | 41 | 57 |
| 254 | 10" | 6 | 83 | 70 | 10† | 10 | .230 | 750 | 32 | 28* | 5 | 32 | 57 |
| 305 | 12" | 6 | 125 | 90 | 10† | 10 | .230 | 975 | 32 | 28* | 4.5 | 32 | 57 |



† Listed pressure for 3-hose machine cutting torches only. *Minimum of one 350 cu. ft. cylinder required.

MC12 STYLES

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

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

