



Style 233 - 2 Piece

Style 233 tips are general purpose (straight bore) cutting tips for use with MAPP Gas and propylene. These tips feature thin rectangular spline (fine spline) design. This design provides uniform preheat flames with maximum heat transfer. These tips are superior performers for 822 4490 cutting attachment in combination with the 818 0475 torch.

| Materials Thickness (Inches) | Tip Size | Stock Number | Drill Size |
|------------------------------|----------|--------------|------------|
| 3/16 | 00 | 813-2329 | 72 (.025) |
| ¼-⅜ | 0 | 813-2330 | 68 (.031) |
| ½ | 1 | 813-2331 | 62 (.038) |
| 1 | 2 | 813-2332 | 56 (.046) |
| 1 ½ | 3 | 813-2333 | 54 (.055) |
| 2 ½ | 4 | 813-2334 | 52 (.063) |



Style 245 - 2 Piece

General purpose (straight bore) cutting tips for use with MAPP Gas and propylene. These tips feature thin rectangular spline (fine spline) design. This design provides uniform preheat flames with maximum heat transfer. These tips are superior performers for both hand or machine cutting operations.

| Materials Thickness (Inches) | Tip Size | Stock Number | Drill Size |
|------------------------------|----------|--------------|------------|
| 3/16 | 00 | 813-2499 | 72 (.025) |
| ¼-⅜ | 0 | 813-2450 | 68 (.031) |
| ½ | 1 | 813-2451 | 62 (.038) |
| 1 | 2 | 813-2452 | 56 (.046) |
| 1 ½ | 3 | 813-2453 | 54 (.055) |
| 2 ½ | 4 | 813-2454 | 52 (.063) |
| 3 | 5 | 813-2455 | 49 (.073) |
| 6-8 | 6 | 813-2456 | 39 (.128) |
| 10-12 | 7 | 813-2457 | 30 (.169) |
| 14 | 8 | 813-2458 | 18 (.169) |



Style 345 - 2 Piece

Identical to the Style 245 except that the cutting oxygen bore is diverged to allow use of higher cutting oxygen pressures for increased speed in machine cutting operations. For plate over 4" use 245.

| Materials Thickness (Inches) | Tip Size | Stock Number | Drill Size |
|------------------------------|----------|--------------|------------|
| ⅜ | 0 | 813-3450 | 68 (.031) |
| ½-⅝ | 1 | 813-3451 | 62 (.038) |
| 1 | 2 | 813-3452 | 56 (.046) |
| 1 ½ | 3 | 813-3453 | 54 (.055) |
| 2 ½ | 4 | 813-3454 | 52 (.063) |
| 2 ¾ | 5 | 813-3455 | 49 (.073) |



Style A-RW - 1 Piece

Tips are one piece, solid copper, high preheat. Used for rivet washing with a large oxygen stream with MAPP/Propylene.

| Size | Stock Number |
|------|--------------|
| 147 | 856-6401 |
| 191 | 856-6402 |