



PROFESSIONAL PRODUCTS...
SUPERIOR RESULTS™

THE HARRIS PRODUCTS GROUP

6290 AC CUTTING TIP FLOW CHART

ACETYLENE

| TIP SIZE | PLATE THICKNESS | CUTTING OX PRESSURE | SCFH CUTTING OX FLOW | SCFH P.H. OX FLOW | SCFH ACETYLENE FLOW |
|----------|-----------------|---------------------|-------------------------|----------------------|------------------------|
| 00 | 3/16" - 3/8" | 15 - 30 | 28-35 | 10-20 | 9-18 |
| 0 | 3/8" - 5/8" | 20 - 35 | 35-53 | 10-20 | 9-18 |
| 1 | 5/8" - 1" | 30 - 50 | 53-88 | 20-40 | 18-36 |
| 2 | 1" - 2" | 40 - 65 | 141-212 | 20-40 | 18-36 |
| 3 | 2" - 4" | 40 - 65 | 176-247 | 20-40 | 18-36 |
| 4 | 4" - 7" | 50 - 80 | 318-494 | 20-40 | 18-36 |
| 5 | 7" - 10" | 65 - 80 | 459-565 | 35-60 | 32-54 |
| 6 | 10" - 12" | 70 - 95 | 530-671 | 35-60 | 32-54 |

NOTES:

Preheat flows are average cutting conditions with hand torches.

6290S tips are heavy preheat tips for unusually rusty, scaled, or heavily painted plate.

Cleaning: Use Harris Tip Cleaner C-9 (PN 9000156) for cleaning preheat holes and cleaning spatter from tip face. Use Harris E-9 (PN 9000160) on 6290AC tips.

Hose: Use 3/8" I.D. hose for tip size 4 or larger and 1/4" I.D. or larger for Tip sizes 1 and 2.