

Precision Flat and Waterjet Cut Metal Letters and Logos



The Process: Sheets of metal arrive at Gemini in truckload quantities and are cut with a waterjet or high speed precision router. The waterjet utilizes a 50,000 psi stream of water and garnet crystals. The routed letters utilize 1/8" or 1/4" bit depending on the material and thickness being cut.

The Material: Gemini offers flat cut metal letters in five major metals: Aluminum, Bronze, Brass, Copper and Stainless Steel. Gemini uses alloys of each of these metals that are lead and mercury free. Our environment and our Gemini Metal Letters team is much better off, even though it makes cutting, finishing, and polishing of the letters more difficult.

- **Aluminum:** All aluminum letters are cut from a 5052H alloy. This allows for the best possible finish whether the letters are polished, anodized or clear coated. Available in Router Cut thicknesses of 1/8", 1/4", 3/8" & 1/2". Available in Waterjet Cut thicknesses of 1/8", 1/4", 3/8", 1/2", 3/4" & 1/2".
- **Bronze:** Lead and mercury free bronze alloy NAVY-G (88-8-0-4) is used for all bronze letters. This alloy is used for all bronze finishes including natural satin, patina, polished and oxidized. Available in Router Cut thicknesses of 1/8", 1/4" & 3/8". Available in Waterjet Cut thicknesses of 1/8", 1/4", 3/8" & 1/2".
- **Brass:** Lead-free alloy CR46400 NAVAL Brass is used for both brass finishes; Natural Satin and Polished. Available in Router Cut thicknesses of 1/8", 1/4" & 3/8". Available in Waterjet Cut thicknesses of 1/8", 1/4", 3/8" & 1/2".
- **Copper:** Sheet copper alloy C11000 is used because it offers good cutting, welding and corrosion resistance. Available in Router Cut thicknesses of 1/8", 1/4" & 3/8". Available in Waterjet Cut thicknesses of 1/8", 1/4" & 3/8".
- **Stainless Steel:** C304 Grade stainless steel is used because of its resistance to tarnishing under almost all conditions. Available in Waterjet Cut only and in thicknesses of 1/8", 1/4", 3/8" & 1/2".

Advantages of Waterjet Cut Metal Letters and Logos

Quick Delivery

- Order completed within 2 weeks
- Custom orders within 3 weeks

More cost effective to buy than make:

- Email or fax in your custom artwork for a quick quote and/or order
- No undue wear and tear on your equipment
- Guaranteed cost to you (no scrap or waste)
- Delivered to your door or job site in just days
- No additional labor for finishing

Unlimited Customization

- Can create your letter style or logo
- 5 metals to choose from
- Over 32 different finishes + painting
- Waterjet cutting allows fine detail
- Manufactured in your region

Durability

- Anodized finishes impervious to elements
- Will not dent or chip like metal laminates
- **Guaranteed for Life**