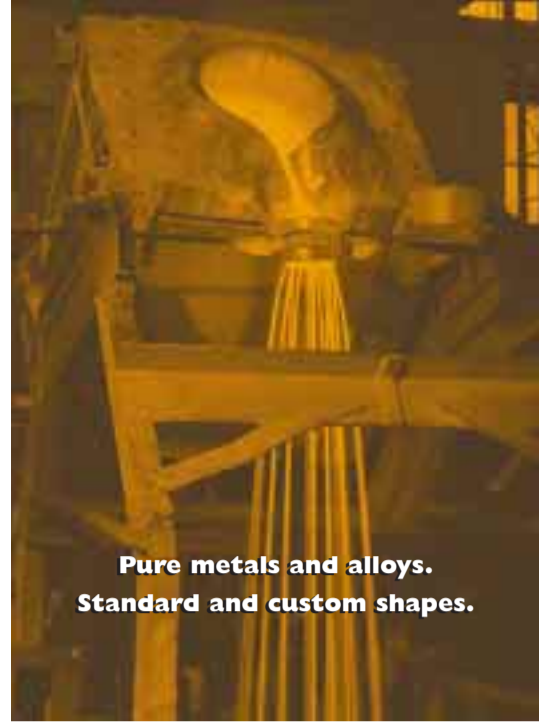


November
Autumn leaves,
family gatherings and
a time to say...

• thanks • for giving us the edge



Pure metals and alloys.
Standard and custom shapes.



Belmont
M E T A L S I N C .

Thanks to you, Belmont forges ahead.

We've been in business for over a century—and we couldn't have done it without you! This is the time of year for extending our gratitude and warmest regards to our greatest resource—you, our customers. In thinking of you during the upcoming holiday season, we look forward to continuing our productive relationship in providing you with the quality service and products you've come to expect and rely upon.

Feature Metal

Cu Copper—The first metal used by mankind dates back 10,000 years and retains its popularity and versatility into the 21st century. The practice of hammering Copper into knives and axes marked the end of the Stone Age. With the discovery of smelting to overcome its natural brittleness, Copper was widely employed not only in the manufacture of tools, but also rings and bracelets—a Copper pendant discovered in northern Iraq goes back to 8700 B.C.! By 3,000 B.C., the appearance of Copper alloys made with Tin defined the Bronze Age, and in 500 B.C. the Brass Age was ushered in with the alloying of Copper with Zinc.

More than two thousand years later, there are over 400 Copper alloys used in a range of industrial and consumer applications. For example, continuing an innovation from the time of the Egyptian Pharaohs, Copper is still the overwhelming choice for piping drinking water because of its natural ability to inhibit bacteria growth and block outside contaminants. Almost every kind of modern plating begins with Copper for the initial leveling coat. Brass and bronze remain essential for all types of casting, especially sculptures. Beryllium Copper molds are used to create the finest detailed plastic wood grains used in furniture, television cabinets and the like. And golfers depend upon wedges made from Beryllium Copper, with White Bronze and Manganese Bronze still popular for putters.



Copper's superior electrical conductivity makes it and its alloys ideal for applications ranging from the simple to the most high-tech. About 250 years ago, Benjamin Franklin invented the lighting rod; billions of dollars and scores of lives could be saved by *pre*-catastrophic installation of these Copper rods. While prehistoric man first used Copper knives, today's surgeons use Copper-clad, electrically-heated Copper scalpels to cauterize incisions even as they cut! And, contrary to what you may think, fiber optics have actually *increased* the use of Copper in the telecommunications industry, leaving Copper as the transport medium of virtually all electricity. A large majority of liquids (water, oil, milk, etc.) are also transported using Copper or Copper alloy piping, valves and pumps. How different (*and difficult*) life would be without Copper!



As a leading supplier of Copper alloys, Belmont has made significant contributions of its own to the innovative history of Copper. We developed new alloys such as White Bronze, Jeweler's Manganese Bronze, and Art Caster's Brass for jewelry and sculpture casting. We are a major supplier of polished Copper cathode and polished Copper shot used in alloying with Gold and Silver. Additionally, we supply many Brass mills with Copper-based master alloys for making Brass and Bronze sheet, strip, rod, etc.

Many of the Bronze statues in Washington D.C. were made of metal supplied by Belmont. Speaking of statues, Belmont made an important charitable contribution towards renovating the Statue of Liberty in time for its 1986 centennial celebration by recycling old Copper removed from the Statue into Copper plating anodes for commemorative items sold to raise funds for Miss Liberty's future care. Incidentally, the Statue contains 179,000 pounds of Copper; but, even that amount is dwarfed by the 700 billion pounds which have been mined *since the beginning of history*. But don't worry. That represents only 12% of the world's known Copper, and nearly *all* of that is still in circulation, making Copper the most recyclable natural resource!