

**How are our anodes used?** Our anodes are mostly used in chrome plating. The object to be plated is dipped into a bath of liquid chromium that is equipped with an anode. When a current is conducted from the anode to the object to be plated, chromium adheres to the object's surface. The anode acts as a positive electrode, while the object to be plated acts as the negative electrode, or cathode.

**What's the difference between styles of anodes?** The shape, size, composition, and surface of an anode all affect how it distributes current. For example, anodes with ribbed or rippled surfaces have greater surface than smooth anodes, which allows for greater distribution of current. This translates into efficiencies, as plating can be accomplished with increased speed and reduced current requirements. Republic can help its customers determine what style of anode best meet their needs.

**How are Republic Metals' anodes superior to those of other manufacturers?** We manufacture anodes precisely to customer specifications, and we perform careful testing for quality assurance. Continual innovations in design and production standards have enabled us to maintain quality while holding down prices. Our special alloys and purity-controlled extrusion methods create the most efficient anodes on the market today. We also use an exclusive nonmetallic flux to create a virtually perfect bond that outperforms conventionally cast anodes.