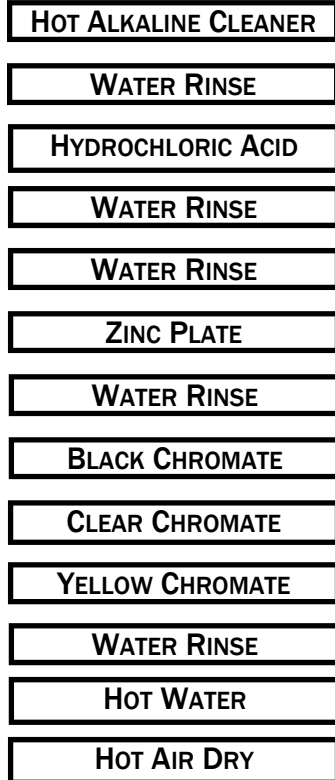


COATINGS

Zinc Plating Process



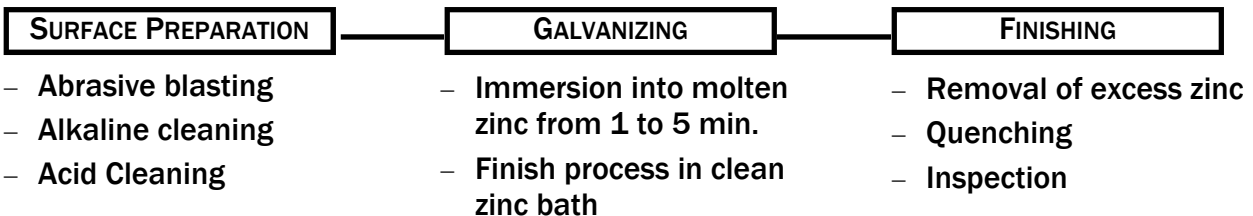
Electroplated

ASTM specifications B633

electroplating is an electrochemical process used to deposit a metallic coating on the base material of an object by immersing it in an electrically charged solution so that a suitable low voltage flows through it, causing the metallic coating to be attracted to the object being plated.

- Inexpensive
- Sacrificial protection against corrosion
- Commonly used on nuts, bolts, washers, anchor bolts, fittings, pipe hangers, pipe supports, etc.
- Commercial zinc plate .0002 thickness
- Zinc Plating process provided by Sonic Plating Co., Inc., Santa Fe Springs, CA

Galvanizing Process



Hot Dip Galvanized

Galvanizing is the practice of coating clean, oxide-free iron or steel with a thin layer of zinc to protect the surface against corrosion. **ASTM A153** specification applies to coated fabricated products such as nuts, bolts, washers and anchor bolts. **ASTM A123** specification applies to coated fabricated products such as fittings, pipe hangers, channel & pipe supports.

- Shields the base metal from the atmosphere because zinc gives cathodic or sacrificial protection
- Hot Dip Galvanized process provided by Atlas Galvanizing, LLC, Los Angeles, CA