

# Reference Guide to Finishes and Plating

## Fastener Plating (Finishes) Chart

**Zinc**



**Cadmium**



**Zinc Dichromate**



**Cadmium Dichromate**



**Galvanized**



**Black Zinc**



**Phosphate, Black Phosphate**



**Chrome**



**Nickel**



Description	Plating	Corrosion Resistance Level; other Purposes
<b>Zinc</b>	Zinc, electroplated	Very good
<b>Cadmium</b>	Cadmium, electroplated	Very good, especially for wet environments
<b>Zinc Dichromate</b>	Zinc Dichromate	Very good to excellent
<b>Cadmium Dichromate</b>	Cadmium Dichromate	Very good to excellent
<b>Galvanized</b>	Hot-dip Galvanized (electrochemical process)	Very good
<b>Black Zinc</b>	Zinc, electroplated	Very good
<b>Phosphate, Black Phosphate</b>	Manganese Phosphate	Good
<b>Chrome</b>	Chromium, electroplated	Good. Useful against physical wear & erosion. Appearance more durable than zinc's.
<b>Nickel</b>	Bright nickel, electroplated	Good
<b>Hot Dipped Wax</b>	Hot Dip Wax	Facilitates easier driving of part; reduces galling
<b>Phosphate &amp; Oil</b>	Grey coating with oil bath	Moderate; useful against physical wear