TECH NICKEL, INC.

Salt Bath Nitriding.

The Salt Bath Nitride process is a Thermo Chemical treatment that improves wear resistance and corrosion resistance of ferrous metals with little or no dimensional change.

We offer four options for our customers

1. Standard nitriding,
   This option offers an iron oxide surface and is typically oiled for improved corrosion resistance. This offers a hard surface with a flat black finish.

2. QP (Quench, Polish)
   This option adds a polishing operation that offers a clean hard surface, enhanced lubricity and can be oiled to a black luster finish.

3. QPQ (Quench, Polish, Quench)
   This option adds an additional quench operation that will re-oxide the surface and is typically oiled. This option offers a dark black, smooth surface finish.

4. SBN 300
   This option is for applications that require extra corrosion protection. This is a proprietary salt bath nitride option that will provide protection up to 300 hours in a salt spray test per ASTM B117.

For more information:
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