



**Tech Nickel®**  
INCORPORATED

# 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

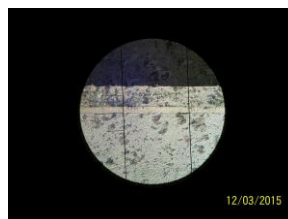
1. Standard nitriding,  
This option offers an iron oxide surface and is typically oiled for improved corrosion resistance. This offers a hard surface with a flat black finish.
2. QP (Quench, Polish)  
This option adds a polishing operation that offers a clean hard surface, enhanced lubricity and can 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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