

TECHNICAL DATA SHEET

Industrial coating type NP

General notes:

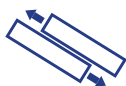
- » This **pure nickel coating** is generally used to improve the resistance of tools made of carbon steel. The coating is deposited by electroplating technique



Mechanical properties

This coating is hard and elastic and has a very good resistance to mechanical stress

Thickness	20-30 microns
Hardness	200-500 Vickers
Tensile Strength	70-140 kg/mm²
Elongation	25-35%



Wear and abrasion resistance

Improved resistance to wear and abrasion



Aging

Superior aging and oxidation resistance



Chemical resistance

Superior corrosion resistance to saltwater, alkalies and organic acids