

# Industrial coating type NP

**General notes:**

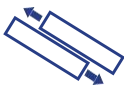
- » This **pure nickel coating** is generally used to improve the resistance of tools made of carbon steel. The coating is deposited by electroplating technique



## Mechanical properties

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

Thickness	<b>20-30 microns</b>
Hardness	<b>200-500 Vickers</b>
Tensile Strength	<b>70-140 kg/mm<sup>2</sup></b>
Elongation	<b>25-35%</b>



## 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