



# CRN Chromium Nitride-based coating.

## TECHNICAL SPECIFICATIONS

<b>ACRONYM:</b>	CRN
<b>HARDNESS in HV 0.05:</b>	≈ 2 100
<b>DEPOSITION TEMPERATURE in C°:</b>	< 450
<b>MAXIMUM OPERATING TEMPERATURE in C°:</b>	≈ 700
<b>COEFFICIENT OF FRICTION:</b>	0,50 / 0,60
<b>THICKNESS IN µm:</b>	2 / 4



## MAIN FEATURES

- Monolayer
- High toughness
- Good corrosion resistance
- Anti-adhesive properties
- Reduced coefficient of friction
- Low-temperature deposition also available



## FIELDS OF APPLICATION

- Molds for plastics
- Stainless steel deep drawing molds
- Coining
- Mechanical components

