

# TiCN Titanium Carbonitride-based coating

## TECHNICAL SPECIFICATIONS

|                                             |             |
|---------------------------------------------|-------------|
| <b>ACRONYM:</b>                             | TiCN        |
| <b>HARDNESS in HV 0.05:</b>                 | ≈ 2800-3000 |
| <b>DEPOSITION TEMPERATURE in C°:</b>        | < 450       |
| <b>MAXIMUM OPERATING TEMPERATURE in C°:</b> | ≈ 550       |
| <b>COEFFICIENT OF FRICTION:</b>             | 0,45 / 0,60 |
| <b>THICKNESS IN μm:</b>                     | 1,5 / 3     |



## MAIN FEATURES

Multilayer  
High hardness  
High wear resistance  
High toughness



## FIELDS OF APPLICATION

Cutting tools  
Molds for deformation  
Blanking tools  
Hobs  
Tapping and thread forming

