



## TiN Titanium Nitride-based coating

### TECHNICAL SPECIFICATIONS

ACRONYM:	TiN
HARDNESS in HV 0.05:	≈ 2 500
DEPOSITION TEMPERATURE in C°:	< 450
MAXIMUM OPERATING TEMPERATURE in C°:	≈ 550
COEFFICIENT OF FRICTION:	0,65 / 0,70
THICKNESS IN µm:	2 / 3



### MAIN FEATURES

Monolayer  
Universal coating  
Good combination of hardness and toughness  
Good adhesion  
Biocompatibility  
Chemical inertness



### FIELDS OF APPLICATION

Cutting tools  
Gear cutting tools  
Molds for deformation  
Blanking  
Components  
Biomedical

