



ZrN Zirconium Nitride-based coating

TECHNICAL SPECIFICATIONS

ACRONYM	ZrN
HARDNESS in HV 0.05:	≈ 2 500
DEPOSITION TEMPERATURE in C°:	< 450
MAXIMUM OPERATING TEMPERATURE in C°:	≈ 750
COEFFICIENT OF FRICTION:	0,30 / 0,40
THICKNESS IN μm :	1,5 / 2



MAIN FEATURES

Monolayer
Oxidation resistant
Excellent non-stick properties
Low chemical affinity with aluminum and
non-ferrous materials



FIELDS OF APPLICATION

Mechanical components
Utensils for aluminum and stainless steel
tooling
Tooling of non-ferrous alloys

