



**APPLICATION**

A great choice in certain applications when extreme wear resistance is needed. This is a product with an alloyed tool steel base combined with the coating, for example suitable for abrasive and metallic inks.

<b>Base steel quality</b>	Remelted carbon steel
<b>Base steel nominal carbon content (wt.%)</b>	0.5
<b>Base steel nominal chromium content (wt.%)</b>	4.0
<b>Special alloying elements in base steel, nominal:</b>	
Molybdenum (wt.%)	1.5
Tungsten (wt.%)	2.0
<b>Base steel microstructure</b>	Tempered martensite with an extra high amount of small well-distributed carbides
<b>Base steel nominal tensile strength (N/mm<sup>2</sup>)</b>	2200
<b>Base steel nominal hardness (HV)</b>	670
<b>Coating</b>	Nickel / ceramic composite
<b>Coating thickness (µm)</b>	10 – 14
<b>Coating nominal hardness (planar HV)</b>	630
<b>Edge profile</b>	Lamella / Bevel / Radius edge
<b>Standard packaging</b>	100 m coils in reinforced carton box +4 m for jointed coils.