



P V D - C V D COATING CENTER

*TiSi HP*



## ***TiSi HP***

*The next generation PVD coatings for high performance of tools for dry machining*



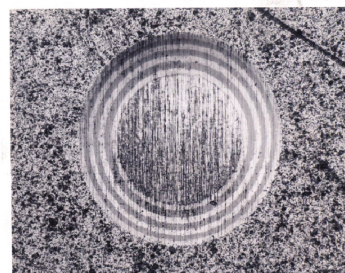
*The nanocomposite coating **TiSiN HP** maintains high hardness of exercise in hot; very high oxidation temperature*

### ***Coating Properties***

- *The main feature of **TiSi HP** coating is the high resistance to oxidation*

### ***APPLICATIONS :***

- *Especially suitable for metal removal in the presence of materials with high hardness and low cooling.*



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<i><b>TiSi HP Properties</b></i>	
<i><b>Coating Material</b></i>	<i>TiSiN</i>
<i><b>Microhardness HV</b></i>	<i>3400-3600</i>
<i><b>Thickness of Coating (µm)</b></i>	<i>1 - 3</i>
<i><b>Friction coefficient (on 100Cr6)</b></i>	<i>nd</i>
<i><b>Max operating Temperature</b></i>	<i>1200°C</i>
<i><b>Colour</b></i>	<i>Rame</i>