

# INDUSTRIAL TOOLS

## Metal Cutting



### SANICOM Grade System

<b>Example</b>	<b><u>HC P 25 1 0..</u></b>				
	1	2	3	4	5
<b>1- Cutting material:</b>	<b>H = Tungsten Carbide</b> <b>HC</b> - Carbide coated CVD <b>HP</b> - Carbide coated PVD <b>HW</b> - Carbide uncoated <b>HF</b> - Carbide fine graduation uncoated <b>HT</b> - Cermet uncoated  <b>C = Ceramics</b> <b>CW</b> - Ceramics uncoated <b>CC</b> - Ceramics coated CVD				
<b>2- ISO 513 Classification:</b>	<b>P</b> - Grade: General for working operation in STEEL <b>M</b> - Grade: General working operation in STAINLESS STEEL <b>K</b> - Grade: General working operation in CAST IRON <b>N</b> - Grade: General working operation in NON FERROUS STEEL <b>S</b> - Grade: General working operation in HIGH TEMP: ALLOYS <b>H</b> - Grade: General working operation in HARD MATERIAL				
<b>3- ISO 513 Application range:</b>	0 to 50 toughness increasing <b>05 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50</b> 50 to 0 hardness increasing				
<b>4- Working operation</b>	<b>Turning</b>	<b>1</b>			
	<b>Milling</b>	<b>2</b>			
	<b>Grooving</b>	<b>3</b>			
	<b>Drilling</b>	<b>4</b>			
	<b>Threading</b>	<b>5</b>			
<b>5- SANICOM intern cotation</b>	<b>0 - 1 - 11 - 12 .....</b>				