













## HARD COATING PROPERTIES

Coating Type	Symbol Color	Nanohardness(GPa)	Thickness (μm)	Friction Coefficient	Max usage Temp(°C)	Coating Temp(°C)
<b>TIALN</b>	 BLACK	30	1 - 4	0.4	800	450 ↑
<b>AITiN</b>	 BLACK	38	1 - 4	0.6	900	450 ↑
<b>nACoB</b>	 BLUE	45	1 - 4	0.45	1200	400 ↑
<b>HELICA</b>	 COPPER	30	1 - 4	0.25	1000	480 ↑
<b>CrN</b>	 METAL-SILVER	18	1 - 7	0.4	700	200 - 400
<b>DLC</b>	 BLACK	20	1 - 3	0.15	400	150 - 250
<b>G100</b>	 BURGUNDY-VIOLET	33	1 - 4	0.3	500	
<b>G300</b>	 SOFT GOLD	35	1 - 4	0.4	800	
<b>i8</b>	 GOLD-BRASS	47	1 - 4	0.45	900	
<b>Aldura</b>	 BLACK	32	1 - 4	0.35	1100	
<b>G-plus</b>	 WHITE GOLD		1 - 4	0.25	1100	
<b>i-plus</b>	 COPPER		1 - 3	0.3	1200	

