

Coating Properties Chart

	Color	Nano-hardness (GPa)	Thickness [um]	Friction-(fretting)	Max usage temp.
Titanium Nitride (TiN)	Gold	26	1-7	0.40	600°C
Titanium Carbo-Nitride (TiCN)	Blue-Grey	38	1-4	0.25	400°C
Titanium Aluminium Nitride (TiAlN)	Violet-Black	36	1-4	0.50	700°C
Aluminium Titanium Nitride (AlTiN)	Black	32	1-4	0.60	900°C
Chrome Nitride (CrN)	Metal-Silver	20	1-7	0.50	700°C
Zirconium Nitride (ZrN)	White-Gold	22	1-4	0.40	550°C
nACo®-3	Violet-Blue	41	1-4	0.40	1200°C
nACRo®-3	Blue-Grey	40	1-7	0.45	1100°C
nACVlc®	Grey	40-25	1-10	0.15	450°C