

# EHWA STANDARD COATINGS

Coating grade	Color	Hardness	Maximum Bearable Temperature	Features
TN	Gold	2,300	600	Mono layer Typically used for wear parts Easy to identify used insert edges
TA	Purple grey	2,300	900	Good heat resistance Good wear resistance Conventionally used for cutting tools
AC	Silver gray	3,200	1,100	Better heat resistance than TA High hot hardness High oxidation resistance
New AC2	Light gray	3,700	1,100	Excellent heat resistance Higher hot hardness than AC Higher oxidation resistance than AC
TNP	Dark gray	3,600	1,100	Outstanding wear resistance Excellent surface finish High heat resistance The Best performer for hardened steel & bearing steel
New H1 H2 H3	Copper Blue Rainbow	3,600 4,000 3,600	1,200	Newly developed <b>Multi-layer coating for interrupted cutting</b> Excellent wear resistance High oxidation resistance

## APPLICATION AREAS

EHWA Coating	Cast iron	Hardened steel (HRC45~)	Powder metal (HRC45~)	Bearing steel
TN	TiN			
TA		TiAlN		
AC		AlCrN		
AC2		AlCrN +		
TNP		AlTiN +		
H1		TiSiN +		
H2		TiSiN +		
H3		TiSiN +		

