



T-A[®] Coating Options

TiN

TiN is the original coating offered by AMEC. Its longevity and wide use are a tribute to its success in the cutting tool market.

TiCN

TiCN is the hardest coating AMEC stocks. Its high hardness provides increased wear resistance over TiN coating making it suitable for harder, more wear resistant materials. TiCN will generally yield increases in tool life over TiN when running parameters are comparable. Penetration rate increases can also be obtained by running at elevated spindle speeds over that of TiN.

TiAlN

TiAlN has a higher heat threshold when compared to TiN and TiCN, allowing for much higher drilling speeds. It has been proven successful in both cast iron and steel applications.

AM200[®]

AM200[®] is a proprietary coating developed to meet the demands of a high penetration rate drilling application. This coating has excellent wear characteristics and a high heat threshold, ideal for most high penetration drilling applications.

AM210[®]

AM210[®] is a proprietary coating similar in structure to our AM200[®] coating. However, this coating was developed to meet the unique demands of threadmilling. The high wear resistance and high heat threshold will yield exceptional tool life and industry leading spindle speeds.