



### **MAQ's STMD Damped Turning Tools Superior When Using Ceramic and CBN Inserts!**

Using Ceramic inserts and CBN inserts requires stable machining. Perfect for MAQ tools!

When machining HRSA (Heat-resistant Super Alloy) and case-hardened steel, Ceramic inserts, and CBN/PCBN inserts are often used to boost productivity. With the higher cutting speed, CBN inserts, and Ceramic inserts outperform cemented carbide with a higher material removal rate when machining HRSA and case-hardened steel.

The challenge of using CBN inserts, and Ceramic inserts is that they require a stable-machining process without vibrations. Due to the high hardness of these materials, they naturally have lower toughness compared to cemented carbide. A slight vibration in machines can lead to edge fracture immediately, and this puts high demand on the tooling system's rigidity and vibration damping.

MAQ STMD damped turning tools are superior to all other solutions on the market when it comes to dampening vibrations and creating stable machining and are therefore the perfect choice when using Ceramic and CBN Inserts.

Should there be a challenge, give a call to Turpin Sales & Marketing!

Visit [www.maqab.com](http://www.maqab.com) for more information.

