

INDUSTRY NEWS



The Best Vibration is No Vibration!

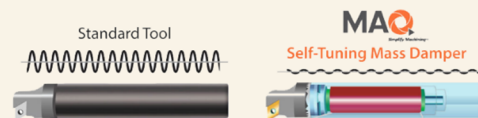
Introducing Vibration Damped Machining Tools By MAQ

MAQ simplifies machining by reducing vibration! MAQ's self-tuning mass damper (STMD™) technology is included in all of their anti-vibration tool holders and reduces vibration in a wide range of frequencies. This technology is used for CNC milling, turning and hole making operations. This new technology greatly reduces the unpredictable and frustrating byproducts of machining: vibrations (regenerative tool chatter).

The days of manual tuning are over!

You can use the same vibration damped tool holder for more than one application. You never have to think about tuning again!

- Improved surface finish in machining – get it right the first time
- Plug-and-play – begin straight away
- Maintenance-free – no need for do-overs



The difference is in the material!

Other mass damper technologies use rubber or viscous fluid to increase the damping. That only allows the product to keep a very narrow frequency range, and you must have perfect pressure on both the rubber and the viscous fluid during machining. Otherwise, the fluid becomes rigid and or completely loses the vibration dampening function.



MAQ's tool holders feature a tungsten mass inside the tool that is completely dry. You get elastic support through a new-age polymer that self-adjusts its stiffness according to the frequency and reduces vibration in machining. That allows for automatic tuning of the mass damper without using advanced mechatronic systems. You will increase productivity and take your machining processes to the next level!

TURNING



All MAQ vibration damped turning tools have the self-tuning mass damper technology inside and cover lengths from 3xD to 15xD. Starting from 8 mm or 5/16 inch diameter, the "in-stock" item covers up to 60 mm or 2 1/2 inch diameter. Bigger sizes are available as "on-request" and also the "custom-made."



Visit WWW.MAQab.com for more information.