



Goodbye, vibrations!

Say hello to MAQ's self-tuning mass damper™. MAQ's self-tuning mass damper (STMD™) tool holders automatically adjust to the CNC machining tool and is used for milling, turning and holmaking reducing vibration in a wide range of frequencies. This allows you to use the same vibration damped tool holder for more than one application. You never have to think about tuning again!

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 solid or completely loses the vibration dampening function. A common problem with other technologies is when it starts leaking, and you have to replace that tool. 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 system!.

- Reduces cycle time by 30%.
- Minimizes tooling costs by 10%
- Lowers your scrap rate by 2%
- Improved surface finish
- Plug-and-play
- Maintenance free

You can often increase both the speed and feed to reduce the cycle time and get an even better result on surface quality!



Visit www.maqab.com for more information.