

Removing Vibrations. Adding Simplicity.



MAQ STMD™ Self-Tuning Mass Damper tools are easy to use and improve cutting tool performance out of the box: Plug & Play. No Maintenance. No Tuning.

Parts Manufacturers, Machine Tool Builders and Cutting Tool Manufacturers can simplify their machining with MAQ STMD and get these benefits:

- > **No Vibration**
- > **No Re-Work**
- > **Less Energy Consumption**



Turning

Milling

By the numbers, the STMD can:

Reduce Cycle
Time up to
30%

Reduce Tooling
Costs up to
5%-10%

Reduce Energy
Consumption up to
2%-3%

Given the high volume of machining operations, even the smallest percentage reductions can result in substantial savings.

Tell us about your specific requirements, and we'll provide innovative solutions.



Physics & Chemistry Working Together

Vibration in machining usually means damaged parts and surface quality, potentially destroying cutting inserts and dramatically increasing production costs. MAQ provides a new method for mass dampening in the tool body to minimize movement and neutralize vibration.

Expertise at Your Fingertips

To make sure you're getting the most out of your MAQ STMDs, your MAQ distributor can help you with:

- > **Tool Holder Selection**
- > **Tool Holder Installation**
- > **Cutter Head Selection**
- > **Troubleshooting**
- > **Maintenance**
- > **Wear Life**

With MAQ, machining is easier and more cost-effective than ever. Learn more at www.maqab.com

Standard Tools

Don't see your dimensions? Don't worry – contact us for a solution

Turning

METRIC

Art. Nr	Description	D (mm)	L (mm)
STMD™ M12-144	Tool Holder	12	144
STMD™ M16-170	Tool Holder	16	170
STMD™ M16-204	Tool Holder	16	204
STMD™ M20-200	Tool Holder	20	200
STMD™ M20-260	Tool Holder	20	260
STMD™ M25-255	Tool Holder	25	255
STMD™ M25-330	Tool Holder	25	330
STMD™ M32-320	Tool Holder	32	320
STMD™ M32-416	Tool Holder	32	416
STMD™ M40-408	Tool Holder	40	408
STMD™ M40-528	Tool Holder	40	528
STMD™ M50-518-40	Tool Holder	50	518

INCH

Art. Nr	Description	D (Inch)	L (Inch)
STMD™ I 5/8-6.7	Tool Holder	0.625	6.7
STMD™ I 3/4-7.9	Tool Holder	0.750	7.9
STMD™ I 1-10	Tool Holder	1.000	10.0
STMD™ I 1 1/4-12.6	Tool Holder	1.250	12.6
STMD™ I 1 1/2-16.0	Tool Holder	1.500	16.0
STMD™ I 2-20.4-40	Tool Holder	1.97	20.79

Milling

METRIC

Art. Nr	Description	D (mm)	L (mm)
HSK100A 48-310 M22	Tool Holder	47.5	310
HSK100A 48-260 M22	Tool Holder	47.5	260
HSK100A 60-340 M22	Tool Holder	60	340
HSK63A 48-210 M22	Tool Holder	47.5	210
HSK63A 48-260 M22	Tool Holder	47.5	260
BT40 48-260 M22	Tool Holder	47.5	260
BT50 48-260 M22	Tool Holder	47.5	260
BT50 60-340 M22	Tool Holder	60	340



Turning

Milling



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