

Solution Tool!™

The NO! Vibration Re-Tuneable Boring Bars

The Dorian Solution Tool™ NO! Vibration Re-Tuneable Boring Bar will suppress the natural vibration of the boring bar body which occurs when the insert comes in contact with the workpiece in the cutting operation.

The internally tuned mechanical dampener system provides the optimum dynamic stability in deep hole boring operations for a better machining performance, smooth surface finish, precise tolerance and long insert life.

- Available in 6mm to 100mm diameter shanks.
- 8xD, 10xD, 12xD and 14xD maximum depth holders.
- Modular type with quick change heads for boring, grooving & threading.
- Available with standard through coolant or high pressure jet stream through coolant for 200% more tool life.

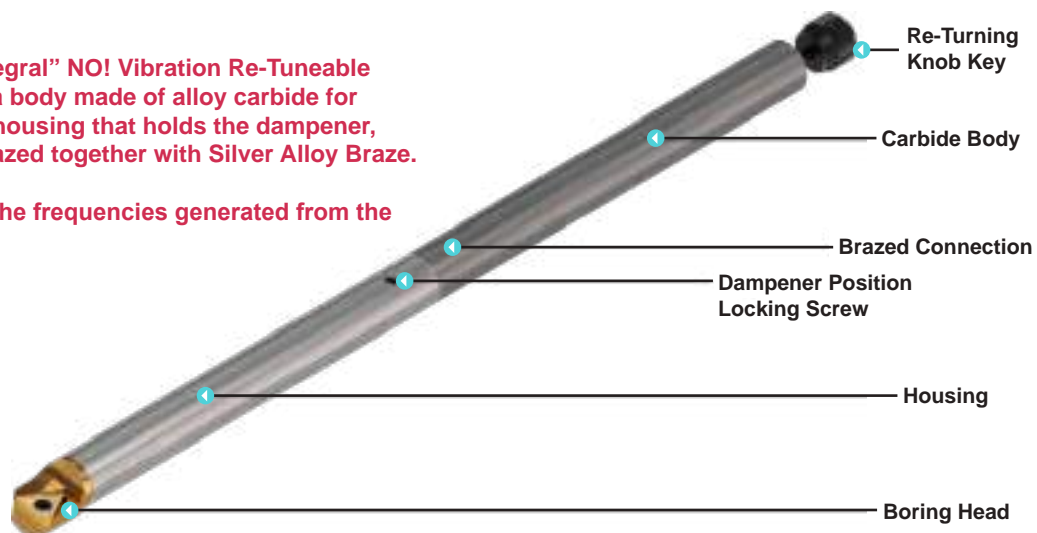


DEEP HOLE BORING FROM 6-100MM DIAMETER, UP TO 14xD DEEP

Internal Solid Bars

Designed for SMALLER bores, the “Integral” NO! Vibration Re-Tuneable Boring Bar is a two part construction: a body made of alloy carbide for rigidity, stability and strength, and the housing that holds the dampener, made of heat-treated alloy steel and brazed together with Silver Alloy Braze.

The braze acts as a buffer zone where the frequencies generated from the cutting operation are stopped.



- Available in 6mm to 16mm diameter shanks.
- Bars for CCMT, DCMT & TCMT inserts.
- 8, 10, 12 & 14xD max depth bars.

Makes deep hole boring simple!

Modular Quick Change Bars

Designed for MEDIUM bores, the Quick Change Boring Bar range is available in steel 1 piece construction or carbide body 3 piece construction with quick change heads for boring, threading and grooving.



- Available in 20mm, 25mm & 32mm diameter shanks.
- Quick Change modular heads for inserts: CCMT, DCMT, TCMT, VCMT & ISO threading.
- 8, 10, 12 & 14xD max depth bars.
- Steel shank (up to 10xD) or carbide shank (up to 14xD).
- Through coolant.



Modular Jet Stream Bars

Designed for MEDIUM TO LARGE bores, Jet Stream No Vibration modular boring bars use the same dampening technology of the Modular Quick Change Bars above, and adds Jet Stream through coolant to ensure the best chip evacuation in deep and large bores.



- Available in 40, 50, 60, 80 & 100mm diameter shanks.
- Quick Change modular heads for inserts: CNMG, DNMG, TNMG, VNMG, WNMG, CCMT, DCMT, TCMT, VCMT & ISO threading.
- 8, 10, 12 & 14xD max depth bars.
- Steel shank (up to 10xD) or carbide shank (up to 14xD).
- Jet stream high pressure through coolant.



For more information contact our technical support team on:
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