

Solution Tool!™

The NO! Vibration Re-Tuneable Boring Bars

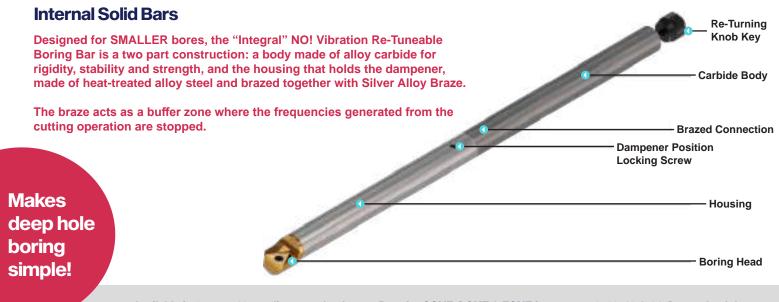
The Dorian Solution Tool[™] NO! Vibration Re-Tuneable Boring Bar will suppress the natural vibration of the boring bar body which occurs when the insert comes in contact with the workpiece in the cutting operation.

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

Solden Ten



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

01924 869610 - PHONE US 8AM-6PM FOR NEXT DAY DELIVERY

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.



Re-Tuning Knob Kev

Can be retuned on the machine to suit different materials (e.g. soft or hard) or change dampening according to cutting depth.

Steel or Carbide Body

Brazed Connection

Connects the boring bar body with the housing, the combination of the correct silver alloy and the thickness of the braze makes brazing strong and almost unbreakable, whilst flexible under the cutting pressure. It creates a buffer zone that increases damping to stop the frequencies developed in the boring operation.

Dampener Position Locking Screw

The screw is released before re-tuning and locked after tuning is complete.

Heat Treated Alloy Steel Housing

Made of heat-treated alloy steel, brazed with the body, the inside of the housing holds the mechanical dampener and on the face is attached the Quick Change Modular Collar Head.

Quick Change Modular Heads

Made of heat-treated alloy steel and TiN Coated. Locks onto 60° serrated face of the collar face with three cup screws precisely and rigidly, making interchangeability easy and quick.

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.

Solution Tool![™]

For more information contact our technical support team on: 01924 869615

