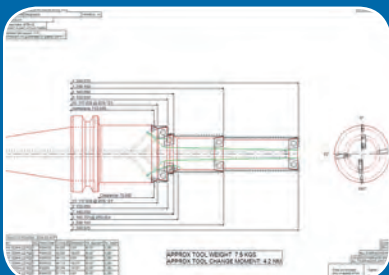


Special Tool Design

Rigibore design and manufacture customized, multi-function, combination boring bars - specific to your application

- Tool quotes in 24-48hrs *
- Tool delivery in 2-3 weeks
- Comprehensive technical support

(* depending on complexity or size of project)



Rigibore engineers tooling that saves cycle time by combining features.

We increase quality by using our own range of highly accurate adjustable products.

Our focus is purely on hole making strategies and with over thirty years experience in this engineering field we consider ourselves the best in the world at providing our customers with solutions to making perfect holes.

All our tools are built to incorporate ISO standard inserts. RADS (Rigibore Advanced Design Software) allows the engineering of complex boring tools in minutes with automatically generated 3D models for detail design and approval.



How to contact us:
Telephone a Rigibore representative
Email Rigibore
Use our online 'Rapid Quote Request'

Global (excl. USA and Mexico)	India	USA and Mexico
Rigibore Ltd Guildford Road Ind. Est. Hayle Cornwall TR27 4QZ United Kingdom Tel: +44 (0) 1736 755 355 Fax: +44 (0) 1736 756 100	Rigibore India Pvt Ltd. #109 1st Floor Mota Chambers Millers Road Bangalore - 560052 Tel: +91 80-41253035	Rigibore Inc 700 Swan Drive Mukwonago WI 53149 USA Tel: 262 363 3922 Fax: 262 363 3685
Email: info@rigibore.com www.rigibore.com	Email: info@rigibore-india.com www.rigibore-india.com	Email: info@rigiboreinc.com www.rigiboreinc.com

Rigibore Products

- Includes:
- ActiveEdge®
 - Smartbore®
 - Micron-adjustable Boring Units (MBU)
 - UFP Cartridges
 - Standard Boring Bars
 - ISO Cartridges
 - Inserts



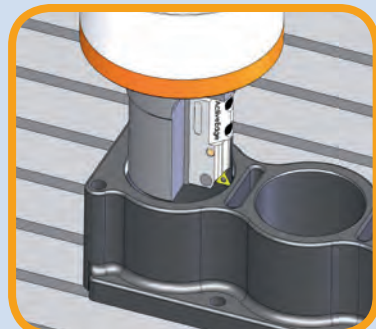
RIGIBORE® Innovation Technology and Quality in Design and Manufacture

RIGIBORE Automatic Adjustment

ActiveEdge

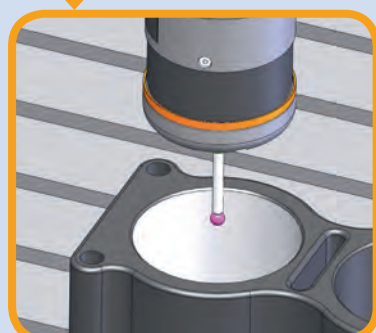
Fully Automatic Boring Bar Compensation

- Automatic bore sizing
- Increase in cell productivity and throughput efficiency
- Consistent bore size control
- Increase in spindle utilization
- Multiple edges with individual adjustment
- Reduces scrap
- Simple to set up



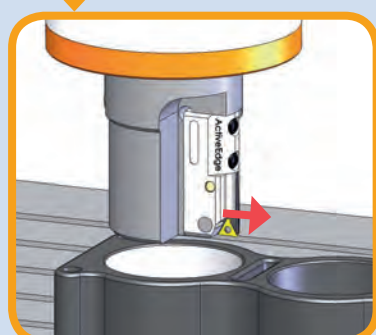
Bore

Pre-set tool bores hole on CNC Machine Tool.



Measure

Bored hole is measured with dedicated gauge or probe.



Automatic Adjust

Measurement is used to calculate adjustment for tool. Boring tool is wirelessly adjusted.

RIGIBORE Advanced Tooling

Smartbore

Micron accurate cutting edge tool adjuster

Smartbore Plus+

Confidently adjust to 1µm on diameter

- Allows operators of all skill levels to confidently adjust boring bars
- Adjusts to 1µm on diameter
- Significantly reduces risk of scrap parts
- Makes fast micron-accurate adjustments to multiple cutting edges
- Improves process capability



- Digital display in microns, showing exact adjustment made
- Cartridge-based design, interchangeable with UFP
- 0.6mm range of adjustment on diameter
- Metric or Imperial settings
- Rechargeable

ActiveEdge

Remotely Adjustable Boring Bars

Adjust boring tools from the machine control without entering the machine.

Reduces health and safety risks

Reduce downtime and eliminate scrappage



RIGIBORE Standard Products

Standard Boring Bars & Units

Complete range of standard boring bars
Roughing, semi-finish and finish tools
Bore from Ø15.875 to Ø450.00mm
Stock available in all common taper & straight shanks



Tools for building in

UFP Cartridges

Ultra-Fine Precision Cartridges (finishing)
Graduated adjustment by 5 microns on dia.
0.6mm range of adjustment on diameter
Pre-tensioned for zero backlash
No clamping
For CAD models and design dimensions see website



Micron-Bush Units (MBX)

Micron Adjustable Bush Units (finishing)
Interchangeable with other leading brands
Competitive prices
Angular and square mount available
4 sizes



ISO Cartridges

Screw-on style ISO cartridges (roughing)
ISO Standard design cartridges
(06CAx7) 06CA 08CA 10CA 12CA

Specially designed cartridges available



Inserts – Standard and Special Form

ISO Standard range of Inserts
Cast iron grades
Aluminium grades
Steel grades & geometries
Specially designed form inserts available

