



# **Precision Cutting Tools and Metalworking Products**

Supporting the machining and metalworking industries with premium tools, supplies, and services.

#### Why Source Atlantic and Our Team

Our passion is making our customers more productive by solving their cutting challenges! Source Atlantic aims to be the best source of knowledge, technology, and service for all of your cutting applications. We want to achieve complete customer satisfaction by combining technical expertise with superior service, all the while delivering quality products, both standards and specials, on-time, and at competitive prices. Our long-standing relationships and partnerships with hundreds of the industry's top manufacturers allow us to provide the optimal tooling solution for your business.

**Our Team:** The Source Atlantic cutting tools team is a group of highly skilled, highly technical employees who have decades of combined industry experience. We are tradespeople who know machines and tooling, understand the inner-workings of a machine shop, and who stay current on industry trends so we can educate and provide the most effective machine cutting tool solutions to our customers.

**Machine Equipment Sales and Service:** Source Atlantic has a team of factory-trained and certified sales and service personnel committed to helping you select and maintain the proper machine equipment for your business. Our machining specialists have over 100 years of combined machining experience to help you select, operate and maintain all your equipment to avoid downtime and function at the highest capacity.





# Source Atlantic provides a variety of services to help optimize the productivity and profitability of your machines.

**Productivity Analysis:** Performing a productivity analysis is an excellent way to improve the efficiency of your production line. Whether on a single machine, a process chain or your entire facility, Source Atlantic's skilled manufacturing specialists will perform a time study of current processes, observe cycle times, and assess the connectivity between machines, applications and materials. The survey will allow us to propose alternative solutions to help lower manufacturing costs and eliminate waste and bottlenecks.

**Machine Part Process Mapping:** To produce a component for the lowest possible cost at the highest quality you need the best possible combination of machinery, work holding, tool holding, cutting tools, cutting lubricants and machining parameters. Source Atlantic will conduct a study of your production process and provide a solution on how to machine effectively to reduce tooling costs. We offer our customers complete turn key solutions which include recommendations on the right selection of machine tools, for your project and how to best apply those tools in the finishing and deburring of your completed component.

**Machine Tool Repair:** Keeping your machines running is essential to your operation. Source Atlantic technicians have years of experience diagnosing and repairing all types of machine tools. Our on-site repair services include emergency repairs, troubleshooting and diagnosing, and scheduled and planned repairs. Source Atlantic can create, schedule and track all the machine tools in your facility and develop a regular maintenance program specific to your unique facility requirements.

**Inventory Management:** We provide a variety of inventory management solutions to solve problems such as stock-outs, shrinkage, and high cost of processing orders. Automate your ordering, reduce costs and improve manufacturing speed using a Source Atlantic inventory solution tailored to your company's needs.

## **Carbide Cutting Tools**

Are you looking for quality carbide cutting tools? Source Atlantic has precision carbide cutting tools that range from turning, to drilling, to milling applications: ideal for both one-off prototypes and large production runs. Our cutting tool offering gives you what you need to complete your project efficiently and accurately. We carry a wide variety of precision carbide cutting tools for every application, so you'll find the product you need. If you're unsure which tool works with your current tool holding, contact us. We'll guide you in the right direction.





## **Carbide Round Tools**

Source Atlantic provides premium round tools to cover a wide range of application types within the areas of solid carbide milling, drilling, reaming and tapping, along with an extensive range of inserted round tools. Every round tool is designed to meet the demands to produce high quality, precision components with maximum productivity so you can get the most out of your machining process.





# **High Speed Cutting Tools**

High Speed Steel (HSS) tools offer benefits to a wide range of applications: whether it is drilling holes in bridge beams or tapping. Source Atlantic offers high quality tools including jobber drills, annular cutters and hand taps. Our partnerships with industry leading cutting tool brands allow us to supply the highest quality tools.







## **Tool Holding**

Toolholders are a critical link between the machine tool and the workpiece. Productivity is not only influenced by grade and geometry, but also by the tool holding and the ability to clamp cutting tools securely and precisely. The toolholder provides the connection between cutting tool and machine tool, thus acting as the interface so that the efficiency of either element is not diminished. Source Atlantic has partnered with key industry suppliers to ensure you have the products you need to keep your facility running.





#### **Machine Tool Accessories**

Complete your machine with machine tool accessories from Source Atlantic. Whether you need a revolving center for your lathe, or probe for your vertical mill. Source Atlantic offers machine probes and tool setters to increase component accuracy and reduce set up time. You'll find all the extras you need to enhance the precision and productivity of your machine tools. Whether you opt for a chuck for your Lathe or a variety of pneumatic clamps for your mill, reach out to Source Atlantic for tooling components.









## **Precision Measuring Tools**

Verify your projects accurately with the help of Source Atlantic's precision measuring and inspecting tools. We carry a full selection of measuring and inspection tools and equipment including calipers and depth gauges, levels, micrometers, and quick-change gauges. You'll be sure to find exactly what you need at Source Atlantic.



Mitutoyo Starrett KINSIZE

#### **Coolants and Lubricants**

At Source Atlantic, we have the industrial oils, coolants and lubricants that your facility needs. Overheating, reduced tool life or even tool breakage a problem in your facility? Let the cutting tool team assess your application to make sure you are using the best coolant for the job. A strong fluid maintenance program can make your facility safe, healthier and productive. Our team will customize a program to suit your plant including fluid identification, and on-site coolant monitoring, including coolant samples and reports.





#### **Bandsaw Blades**

The band saw is a useful tool for metalworking due to its versatility and precision, and one can be found in almost every shop. Its usefulness, however, depends on the blade. If you choose the wrong blade, teeth can dull prematurely, damage your material, or break. Performance, durability, and cost are all important factors in deciding which band saw blade is right for the application. Getting the lowest cost per cut, while maintaining acceptable feed rates, is the optimal solution for ensuring continued productivity and profitability. Thinking about these factors is the first step in selecting blades that optimize metal cutting production and profit and we can help you make the right choice









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For more information please contact your cutting tool technical specialist or Source Atlantic account manager.



info@sourceatlantic.ca