**IMTS 2024  
Booth 237013**

***For Immediate Release***

**New Louis Bélet Drill Line Dedicated to Stainless Steel Debuts in Star Cutter booth at IMTS  
*Tornado drills proven 3x – 4x faster than previous models***

**Chicago, Ill., Sept. 9, 2024 –** Star Cutter Company’s marketing, sales and service affiliate, Star SU will be debuting the new Tornado line of expert internal coolant drills from Louis Bélet,designed specifically for stainless steels in booth #237013 at IMTS 2024. The Tornado drill line is suited for application in all fields where stainless steel is used, such as watchmaking, medical, aerospace, automotive, etc.

Machining of stainless grades, such as martensitic and austenitic, is often slow and prone to errors. The Tornado (REF .376-10) achieves depths of up to 10xd and at rates that are 3x – 4x faster than previous drills. It also eliminates the need for pecking, resulting in smoother, more productive operations.

Additionally, there is a Tornado REF .336H designed to produce a pilot hole for the REF .376H-10, eliminating the need to use a centering or deburring device. It can be used with or without a chamfer.

The Tornado drills are designed with a compression chamber that minimizes coolant pressure loss, improving efficiency and accuracy with the drills able to hold concentricity of <0.003mm at the drill tip. Additionally, an increased surface area of the lube holes and their specific shape enable these drills to achieve 3x the throughput compared to previous generations.

To tackle complex stainless steels and even superalloys like CoCr (Phynox), Louis Bélet developed a micro-grain carbide specifically for stainless steel applications. The TISI (titanium-silicon) coating reduces friction, decreases heat buildup, and prevents burr formation, ensuring longer tool life. The unique cutting-edge preparation also ensures optimal coating adhesion and durability for longer tool life.

Star SU will be hosting a webinar that details the application and benefits of these drills. People interested in attending can register at [**Webinar Registration - Zoom**](https://us06web.zoom.us/webinar/register/WN_Wp9L8mEXT4qCz6Q_ihFoWA#/registration)**.**

Star SU is the exclusive representative of Louis Bélet SA (Switzerland) precision cutting tools in North America.

For more information, visit<https://www.star-su.com/partners-brands/louis-belet/>

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The new Louis Bélet Tornado drills are designed specifically for stainless steel applications.

**About the Star Cutter Family of Companies**

Star Cutter Company is a provider of custom-engineered tooling solutions and machine tools for precision applications. Headquartered in Farmington Hills, MI, it has over 700 employees working in 15 manufacturing facilities. Each facility specializes in producing a specific type of product or service: carbide blanks and preforms, solid carbide cutting tools, gundrills, PCD tooling, gear cutting tools, and 5-axis CNC tool and cutter grinding machines.

Star SU LLC is the marketing, sales, and service partner for Star Cutter Company in North America, South America, Europe and the Far East.

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