

## MEDIA RELEASE

Moutier, February 19, 2016

### **2016 Tornos Watchmaking Days**

Watchmakers from across Europe, Asia and North America will converge in Moutier to experience new and success-enabling products, consult with experts and do business during the eighth annual Tornos Watchmaking Days, 9 a.m. to 6 p.m., February 24–26. At center stage will be Tornos' Swiss DT 13 in its world premiere. The high-performance, five-axis Swiss-type lathe was conceived to meet the turning challenges of the watchmaking industry.

Tornos Watchmaking Days is the place to be to see the Swiss DT 13—along with the renowned SwissNano, the Swiss GT 13, and the EvoDECO 10, the Swiss GT 13—in action, producing challenging watchmaking components throughout the three-day event.

#### **Swiss DT 13 debut**

The compact and highly productive new Swiss DT 13 is sure to capture your attention. Designed to meet the various requirements of typical long and short turned parts, this solution easily machines bars up to 13 mm in diameter.

Featuring high-end spindles and five-axis kinematics, the entry-level Swiss DT 13—unlike its competitors—was designed with the watchmaking industry in mind. Its compact footprint makes it a perfect fit for workshops with limited floor space, but the machine really comes into its own when machining delicate horology components.

At Tornos Watchmaking Days, the Swiss DT 13 will machine a barrel cover which holds the balance spring into the barrel. Manufacture of the barrel cover is a demanding application: This very fine part requires a fast and stable machine to prevent part damage and ensure production consistency. With the Swiss DT 13, the resulting barrel cover is perfectly finished—just as one would expect from a Tornos solution.

#### **SwissNano**

The renowned, highly stable and extremely precise SwissNano will prove why it is a watchmaking industry favorite. Likely the most thermally stable machine on today's market, the SwissNano requires very little monitoring in the production of watch parts, easily producing components with less than 1 micron variation from one to the next.

The SwissNano will produce a second pinion, a truly critical part—especially in chronometers—that drives the second wheel. The part features tight tolerances, with teeth produced by gear hobbing carried out on directly on the SwissNano, at high quality and with no secondary operations required. That's possible because, unlike other Swiss-type machines, the SwissNano features a high-end gear hobbing device. The machine can process bars 1 mm in diameter.

#### **Swiss GT 13**

A tried and true all-rounder, the easy-to-use, six-axis Swiss GT 13 easily tackles watch movement components at an impressive cost/performance ratio. This advanced machining solution enables you to produce the most ambitious parts imaginable. Its tooling zone provides a great deal of freedom; its dense tooling capacity positions you to tackle the most complex parts.

The Swiss GT 13 processes bars up to 13 mm in diameter and is specifically designed to drive your successful production of long and short turned parts. Its advanced technical features and efficient kinematics turn your manufacturing challenges into manufacturing success stories.

### **EvoDECO 10**

True to its heritage, this high-performance Swiss-type lathe allows you to have four tools in the cut, giving you the freedom to configure according to your specific needs. Produce any part with this solution, thanks to kinematics that make it the most productive in its range on the market.

The EvoDECO 10 will tackle an especially tricky part: a balancing wheel. With S0.3 internal threading, this challenging part is made quickly, thanks to the EvoDECO 10's kinematics and highly dynamic synchronous spindle. This solution's completely modular design makes it perfect for parts requiring more milling than turning.

Discover how Tornos keeps you turning, during Tornos Watchmaking Days.

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