

PRESS RELEASE

For immediate circulation

Operating without guide bush and left-hand feeder: a great success for Micro 8 and its users

Moutier, September 17, 2007

The Micro 8 is proof that a turning machine without guide bush can offer an extraordinary level of precision.

In Hannover, the Swiss machine manufacturer is presenting its famous Micro 8 turning machine that has already made a name for itself (formerly known as Sigma 8). Indeed, according to European standards, not only is the bar feeder on the wrong side, but it also operates without guide bush and every experienced operator will tell you that this is not the best solution. So why is this turning machine the most precise on the market with impressive tolerance results of 1.4 microns in production?

Gone are the days of operational clearance. These days, an automatic turning machine such as the Micro 8 is designed to work 'without clearance', as opposed to the cam-operated machines of the 'past'. On those machines, it wasn't possible to ensure quality work without a guide bush. As the Micro 8 is designed to replace cam-operated turning machines for the production of short parts (up to 3 times the diameter), it's only logical to make this comparison. But it stops there! According to the tests carried out by the Tornos customers the Micro 8 is far superior in terms of precision, availability, simplicity and repeatability... at all levels!

According to Tornos customers, experienced cam-operated machine users adapted to the Micro 8 in one week. They were amazed by the quality, the simplicity and the flexibility of such production methods. The fact that tools require sharpening less often and that you don't have to 're-invent the wheel' at each set-up all mean that a lot of operators will not go back.

To copy a slogan from a car manufacturer: Micro 8, once you've tried it, there's no going back...

Technical characteristics:

Max. bar passage 8 (10) mm	
Max. component length	17.5 mm
Max. rotational speed:	15 000rpm
Max spindle power 2.2/3.7 kW	
Total number of tools:	20
Total number of tools on end unit	4
Number of back-operations	6
Number of axes (simultaneous)	5 (7/axes C)

Press contact : Pierre-Yves Kohler TORNOS SA, 111, rue Industrielle, CH-2740 Moutier
Tel. +41 32 494 44 44, Fax +41 32 494 49 03, www.tornos.com