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**The standard segmented mandrels from HAINBUCH  
now with air supply control**

MARBACH. HAINBUCH, the clamping device manufacturer based in Marbach, Germany, is introducing a new generation of segmented mandrels for series production to the market. The clever aspect in this regard: The old mandrels can be conveniently replaced by the new ones; connection geometry, length, end-stop, and segmented clamping bushings are precisely the same. The air sensing control is new. And so are the optimized inner workings, which now have also been externally adapted to match the current HAINBUCH look.

**100% compatible, stable in price, and even greater process reliability**

The new MANDO segmented mandrels have what it takes, in the truest sense of the word: It is not just the fact that the user is required to change neither zero point nor NC program when changing from old to new. Thanks to the air supply control the user also profits from greater process reliability, longer machine runtimes, and longer maintenance intervals. And this is offered at a cost structure that is approximately one fifth of the cost structure of comparable mandrel systems previously offered. In this regard the new HAINBUCH MANDO standard mandrels are not more expensive than their predecessors. However they offer significantly more.

**Two variants, significantly greater flexibility**

HAINBUCH offers the MANDO mandrel system in two variants: One with air sensing control system, one with prepared air sensing control system. The latter is fully compatible with the HAINBUCH modular system and can be changed over to the air sensing control system within just two minutes. The optionally available threaded adapter makes it possible. It can be replaced with just a few easy steps, with a simple tool, and without a major expenditure of force. This renders the question: »Now do I purchase a mandrel with air sensing control system or not?« obsolete; either way, if it is used with HAINBUCH you can change over quickly and easily - without having to purchase a new mandrel - you simply change the adapter. A genuine Swabian solution: Economical, well thought out, and with a high utilization value for the user.

**Photos:**

01\_HAINBUCH\_MANDO.jpg:

The new HAINBUCH MANDO mandrel generation is available in two variants: With installed [left] or prepared air sensing control system [rights]. Users should be particularly pleased with the easy transition from the old system to the new system, as neither zero point nor NC program must be changed. And the existing HAINBUCH segmented clamping bushings and end-stops can still be used with the »new system«.

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