

# SPINDLES WITH INTEGRATED COOLING SYSTEM

## Give your micro-machining a head start with the MHT-30 IKZ

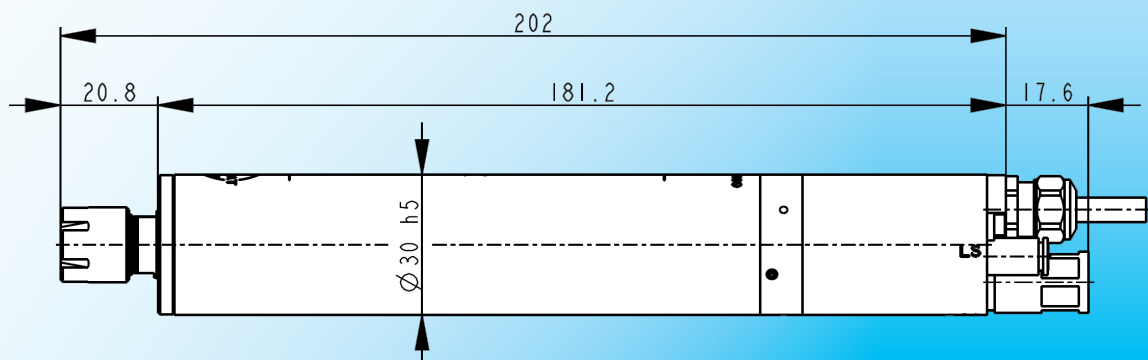
With an external diameter of 30mm, these spindles are the most compact on the market with an integrated tool cooling system. Combined with our MHT (MEYRAT High Torque) technology, it is your ideal partner for micro-machining.

With the MHT-30 IKZ spindles and their high-torque motor, you benefit from up to 4x the torque of a same size spindle without a high-torque motor and an integrated emulsion cooling system that runs through the spindle as well as the through the spindle as well as the tool, allowing for higher performance while protecting the tools.

- Very compact dimensions:  $\text{Ø}30$  / L max 164 mm
- Inlet pressure up to 120 bar
- Optimisation for deep hole drilling
- Better surface finishes
- Reduction of defects generated on the machined material
- Extending the life of tools
- Extended range of applications such as drilling of stainless steel and titanium up to  $\text{Ø} 3\text{mm}$ .



**MHT-30 IKZ**  
010-76-00 / 010-77-00



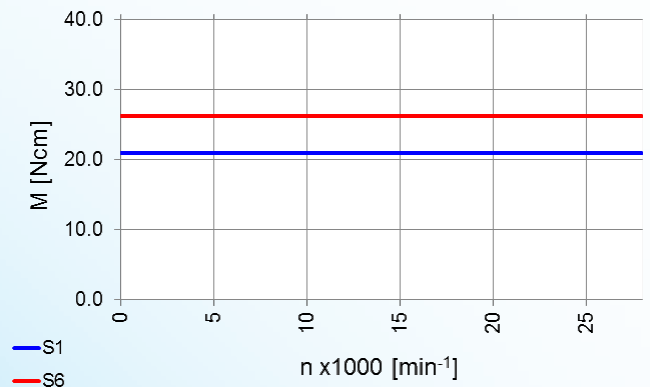
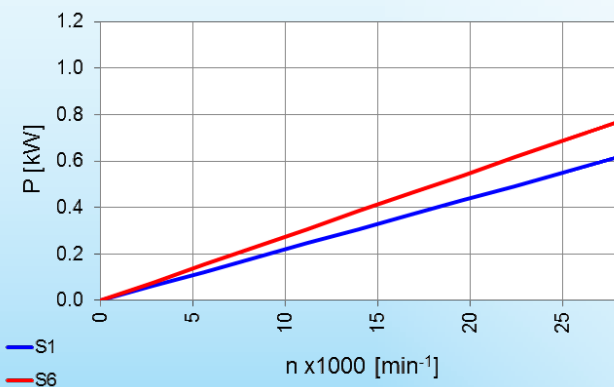
"With MHT technology, you can benefit from up to 4 times more torque than with a spindle of the same size!"

**MHT-30 IKZ**  
010-76-00 / 010-77-00



STANDARD <b>MHT</b>									
	30 mm	202 mm	28'000 rpm	Synchronous	ER11-UP	S1 = 615 W S6 = 770 W	Grease Air - Oil	IKZ - Internal Cooling System	010-76-00 010-77-00

PERFORMANCE DIAGRAMS  
010-76-00 / 010-77-00



### Acquire a spindle, but not only

The philosophy of Meyrat SA is not limited to selecting the spindle from its assortment that best corresponds to the customer's needs. The company also offers its services in defining, together with the customer, the necessary aggregates to be able to install the product. It is mainly a matter of defining the frequency variable, the appropriate parameters, the electrical extension cords, the air handling units and also consumables such as clamps, nuts, plugs, etc. For the new MHF/MHT-45 range, Meyrat SA offers tested and validated aggregates as standards which ensure that the user is able to benefit from maximum performance, while optimising the product's life.