

## Press Information

### **Kyocera adds a new finishing tool to its innovative machining products**

**The new MFF milling cutter puts the finishing touch on the machining process. The tool stands out owing to its unique insert combination of semi-finishing and finishing inserts.**

**Kyoto/London, September 22<sup>nd</sup>, 2020.** The MFF milling cutter augments the industrial tools range offered by the Japanese technology company Kyocera in the field of highly productive finishing processes. The cutter is ideally suitable for use with steel, stainless steel and cast iron. It is available on the market from September 2020.

#### **Focusing on productivity for large components**

Kyocera's new and extremely robust cutter stands out due to its excellent efficiency. The combination of semi-finishing and finishing inserts contributes to this efficiency, which has the effect of increasing productivity and demonstrable improvements in quality. Years' worth of know-how in developing and manufacturing machining tools has resulted in an innovative pressing method that yields robust inserts. These wiper inserts are especially suited to very high feed rates and achieve outstanding surface qualities. The strengths of the MFF milling cutter come into their own for large components, such as construction parts made of construction steel, carbon steel or cast iron (grey & ductile iron). The robust cutter can even be used for hardened steel (up to 60 HRC) and stainless steel.

#### **The supreme discipline of finishing**

The finishing process is very demanding and time-consuming because the finished parts must meet very high-quality standards, for example with regard to surface roughness and flatness. The MFF milling cutter can achieve a high-quality finish as well as increase productivity thanks to its wiper geometry. At the same time, typical problems such as vibrations or scratches are avoided, principally through a combination of a sharp blade and the patented Kyocera Cermet technology intended for use as substrate for inserts.

#### **Preset cartridge height in the MFF for improved user-friendliness**

The new design of the milling body allows the plates to be changed reliably. More time is saved thanks to the preset cartridge height of the MFF milling cutter. It is no longer necessary to readjust after changing a plate. The resulting precisely adjustable cutting edge height improves the handling and facilitates more reliable processes.



## MFF milling cutters

For more information on Kyocera: [www.kyocera.co.uk](http://www.kyocera.co.uk)

### About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 298 subsidiaries (as of March 31, 2020), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the most experienced producers of smart energy systems worldwide, with more than 40 years of know-how in the industry.

The company is ranked #549 on Forbes magazine's 2020 "Global 2000" listing of the world's largest publicly traded companies. With a global workforce of over 75,500 employees, Kyocera posted sales revenue of approximately €13,33 billion in fiscal year 2019/2020. The products marketed by the company in Europe include printers, digital copying systems, semiconductor-, fine ceramic-, automotive- and electronic components as well as printing devices and ceramic kitchen products. The Kyocera Group has two independent companies in the United Kingdom: Kyocera Fineceramics Ltd. and Kyocera Document Solutions.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at approximately €828,000 per prize category).

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