

Press Information

Kyocera introduces new innovative tooling solutions

With the new KPK series and the MFWN mini series, Kyocera is adding two new product lines to its highly successful cutting tool product lines.

Kyoto/London, July 17th, 2020. Kyocera is known for its innovative tooling solutions. Long tool life as well as high performance are also the advantages of the two new technologies, which extend the existing line: The KPK series is well prepared for high-performance cut-off solutions and strong clamping mechanism for added safety and security. The MFWN mini series is a smaller version of the original cutters, which also offer excellent performance and tool life.

The KPK series ensures stable and safe cutting

When it comes to cutting operations in general, the workpiece can be difficult to secure which leads to rigidity and chattering issues. Therefore, the cutting speed is usually low at the workpiece rotation center. Also, tools tend to be broken easily by chip troubles. All these issues are long gone with the KPK series as it features a new insert, blade and a tool block design for rigid, safe and speedy cut-off operations in the fields of steel, stainless steel, cast iron and aluminium. Due to the easy insert replacement, the down time is reduced to a minimum. The firmly secured insert uses three contact surfaces to ensure safe clamping which eliminates chattering completely and makes the cutting-off process a lot safer.

The unique chipbreaker technology is inherited from the KGD lineup and provides excellent chip control. Thanks to this advanced technology the tool life is longer and the machining stable. The rigid tool holder block not only prevents chattering but also provides an internal coolant which again adds to the tool life even under normal pressure.



KPK series

The MFWN Mini cutters convince like the original

With the low cutting force 90° milling cutter with double-sided 6-edge inserts, Kyocera launches a new mini series with a smaller diameter than the original MFWN milling cutters. The new line is based on the original, the MFWN milling cutter, but is in no way inferior to it. On the contrary, the mini series works at up to 5 mm D.O.C., while the large model can be used at a cutting depth of up to 8 mm. This product is also used for machining materials such as steel, stainless steel, cast iron and exotic materials.

The design is based on the original MFWN series with fracture-resistant inserts, low cutting forces and neutral inserts for various uses. Another plus is the insert lineup. It is comprehensive for various machining applications. In total there are three insert chipbreakers and four grades available. Namely for general use GM, for low cutting force SM and tough edge GH. Additional fine pitch and small diameter toolholders are available.



MFWN mini series



For more information on Kyocera: 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).

Contact

Kyocera Fineceramics Ltd.

Daniela Faust

Manager Corporate Communications

Hammfelddamm 6

41460 Neuss

Germany

Tel.: +49 (0)2131/16 37 – 188

Fax: +49 (0)2131/16 37 – 150

Mobile: +49 (0)175/727 57 06

Mail: daniela.faust@kyocera.de

www.kyocera.de