

Press Information

Kyocera expands the MFH high-feed milling cutter series

New chipbreaker and new insert grade for shoulder, ramp and slot milling applications as well as plunge, helical and face milling

Kyoto/London, May 27th, 2020. Kyocera has added the new PR015S MEGACOAT HARD insert grade for stable machining of hardened materials to its MFH high feed cutter series. In combination with the likewise new GH Chipbreaker, it is ideal for a wide range of applications and especially for difficult milling operations. Both extensions are integrated into the MFH Harrier and MFH Mini series.

Convex cutting edge design for low cutting forces

The GH Chipbreaker has a convex and very robust cutting-edge design, so that cutting forces are reduced when entering the workpiece. The high-feed tool also has excellent breaking resistance. Along with the PR015S insert grade, the new chipbreaker is suitable for stable machining of hardened material. The PR015S is characterized by its high hardness and extremely heat-resistant PVD coating MEGACOAT HARD, which improves wear resistance. The combination of the GH Chipbreaker and the PR015S also reduces heat cracks and increases the breaking strength of the insert. Different geometries offer the right solution for the high precision technology industry with a maximum cutting depth of up to 5 mm.



Different versions of the GH Chipbreaker

#Kyocera responds to high market demand with MFH expansion

Since its introduction in 2014, Kyocera has continuously expanded its range of state-of-the-art MFH cutting tools. This range now includes diameters from 8 mm to 160 mm. All inserts in the series feature a convex, spiral edge design, making them ideal for various shoulder, ramp, slot, plunge,



helix and face milling applications. The MFH was Kyocera's first high-feed milling tool and completes the comprehensive line of cutting tools to meet various manufacturing challenges.

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