

Press information

## **Kyocera exhibits its latest innovations in the cutting tools sector at EMO Milan 2015**

**29 September 2015 – Kyoto / Neuss – The Japanese ceramics specialist Kyocera will presents its new solutions for the Cutting Tools sector at the upcoming EMO trade fair: Si3N4 ceramic insert grades for cast iron milling, KS6030 - SiAlON ceramics for finishing to medium cutting of heat resistant alloy and the special made MAGIC DRILL DRX drills made in europe. 4TFK and 4TFR - high efficiency end mills for difficult-to-cut materials**

Italy will host the 2015 edition of EMO, the world leading machine tool exhibition that runs every two years in Hannover and Milan alternatively. The exhibition will take place from the 5th to the 10th of October at the prestigious exhibition centre of fieramilano. Kyocera's booth can be found in Hall 10, booth A18/B09.

### **New Si3N4 ceramic insert grades for cast iron milling**

Ceramic grades for high speed and high efficiency machining KS6050/CS7050 are added to MFK indexable milling cutter for cast iron, a milling system that allows machinists to reduce costs and improve their milling operations. KS6050 is the first choice for cast iron showing high fracture resistance at interrupted cut. CS7050 is recommended first for ductile cast iron. Its wear resistance improvement due to high coating adhesion is perfect for high speed cutting.

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### **KS6030 - New SiAlON ceramics for finishing to medium cutting of heat resistant alloy.**

This new ceramics for turning application shows superior wear and fracture resistance and is highly resistant to burrs and chipping. It is also applicable to milling operation. It complements the KS6040 which is also a SiAlON ceramic grade for roughing (heat resistant alloy). It provides also excellent wear and fracture resistance and performs good in low speed (100-300m/min) condition.

### **MAGIC DRILL DRX drills: Custom made tools from Europe**

The Kyocera Unimerco Group offers its customers a special service since May 2015: Production of custom indexable inserts and tool holders, which offer precise solutions for customers' individual requirements. From this EMO on, Kyocera offers its MAGIC DRILL DRX drills in special dimension and as step drills (using ISO inserts at the step). Available diameter from  $\varnothing 13.5$  mm and higher. You can choose if you need Integrated cone – e.g. HSK & Capto, what insert type and internal coolant when needed.

### **4TFK/4TFR - high efficiency end mill for difficult-to-cut materials**

Kyoceras new 4TFK/4TFR end mill series provides the best solution for Titanium machining. The 4TFK/4TFR are high efficiency end mill for difficult-to-cut materials, providing excellent chip evacuation at high feed by wide chip pocket and large rake angle. Stable and long tool life are possible thanks to Kyoceras original PVD coating technology MEGACOAT NANO..

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For more information about Kyocera: [www.kyocera.eu](http://www.kyocera.eu)

### 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 226 subsidiaries (as of March 31, 2015), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 6 gigawatts of solar power having been installed around the world to date.

The company is ranked #552 on Forbes magazine's 2015 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of over 68,000 employees, Kyocera posted net sales of approximately €11.74 billion in fiscal year 2014/2015. The products marketed by the company in Europe include printers, digital copying systems, microelectronic components, fine ceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Fineceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

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 and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €385,000 per prize category).

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