

## Press information

# **Kyocera's cutting tool business continues to expand: Innovative products and a new plant in India**

**Kyocera's new PG chipbreaker for inserts offers excellent chip control and a high level of cutting edge stability. The new product ensures high levels of productivity in the process of medium roughing and roughing steel. Other innovations from the company include the CA510 and CA530 CVD-coated carbide grades for steel machining, which complete the CA5 series. Another new development is the opening of Kyocera's first high-tech production site in India, in the city of Jamshedpur, which represents the latest stage in the company's expansion plans.**

**Kyoto/Neuss, 10 March 2014** – Inserts from Kyocera provide perfect results under a wide variety of conditions throughout the steel machining process, from precision machining to roughing. The new PG chipbreaker allows for excellent chip control, and also prevents the formation of shavings and the possibility of chip biting.

The design of the PG chipbreaker's cutting edge ensures maximum efficiency during the steel machining process. The newly developed chip geometries make optimum chip control possible at cutting depths between 1 mm and 4 mm and within a feed rate range of 0.15 mm to 0.45 mm per revolution.

The new CVD coating technology used in the CA5 series and, in particular, in the two new grades CA510 and CA530 results in a long tool life.

This makes a major contribution to increasing productivity during

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medium roughing and roughing processes.

### **A stronger local presence in an emerging market**

Kyocera is not only expanding its portfolio of products. The company has also recently built its first production facility in India, which started trial operation in December 2013. The factory has a floor area of 7000 m<sup>2</sup> and has begun producing 100,000 inserts per month. There are also plans for toolholders to be manufactured at the plant in the future.

Kyocera's aim in opening its new factory in the eastern Indian city of Jamshedpur, which goes under the name "Kyocera CTC Precision Tools Private Limited," is to meet the rapidly growing demand for industrial cutting tools in this emerging market. One contributing factor is the increased demand for industrial machinery, in particular in the automotive industry.

To date, Kyocera's cutting tool business has four sales offices and a technical centre in India. The new plant gives the company a stronger presence in this important economy. Kyocera will continue to base its activities on a "three-pillar system", consisting of sales, technical support and production.

**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 228 subsidiaries (as of April 1, 2013), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest

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producers of solar energy systems worldwide, with more than 4 gigawatts of solar power having been installed around the world to date.

The company is ranked #492 on *Forbes* magazine's 2013 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 71,000 employees, Kyocera posted net sales of approximately €10.58 billion in fiscal year 2012/2013. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, finceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Finceramics 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 €354,000 per prize category).

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