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GrindTec in Augsburg, 17.03.-20.03.10, Halle 7, Stand 701

HAAS & Rösler – Orthopaedic Implant Alliance

New partnership offers know how for the manufacture of implants

The German companies HAAS Schleifmaschinen GmbH, based in Trossingen, and Rösler Oberflächentechnik GmbH, based in Untermerzbach, combine their know how in the field of orthopaedic implants.

Thanks to the innovative equipment and manufacturing technologies developed by the grinding specialist Haas, in recent years high-precision grinding and milling have become the standard manufacturing method for forming the final shape of orthopaedic knee and hip implants. At the same time, the surface finishing specialists at Rösler adapted and refined existing drag finishing technologies to provide the final surface finish on the implants. By combining the technologies of the two specialists it has become possible to create high quality finished products all the way from the raw castings or forgings.

Since younger people are putting a lot of stress on their joints by extreme sports, and because the life expectancy is increasing all over the world, the demand for artificial joints has been growing rapidly. Due to the fact that these products are "implanted" into the human body, they are subject to stringent requirements with regard to repeatability and accuracy of the manufacturing process. For this reason the two partners have one common objective, namely the development of a highly precise and repeatable process technology for placing the final finish on the surface of implants.

The detailed technical coordination between the two specialist partners helps our customers to exactly define their product and manufacturing parameters during the planning phase. This saves time and provides an early overview of the most important issues like cost calculations and specification of the manufacturing environment. Leading "global players" in the field of engineered medical products are already taking advantage of the combined knowhow provided by Haas Schleiftechnik and Rösler for the final surface finish of the implants.

The technical combination of high precision grinding and high end surface finishing offers optimal technical solutions for the implant manufacturers and their manufacturing processes. In 2010 Haas and Rösler will jointly present their respective technologies at various trade fairs – for the first time at GrindTec taking place in Augsburg.

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Haas and Rösler offer an optimum combination of the complete product shaping process, from profile grinding, milling all the way to fine grinding and polishing.

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