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PRESS RELEASE

EFFICIENT, SMOOTH CUTTING WITH NEW STELLRAM GEOMETRY

ATI Stellram's new 48 Geometry is specifically designed for machining challenging aerospace materials, such as titanium alloys, through its exceptional chip control capabilities and smooth cutting action.

Better chip formation and ejection are realised by the insert's high helix features and double positive top rake configuration, which are achieved via strong primary and secondary cutting edges.

The 48 Geometry's design allows more contact time between chip and cutting edge, ensuring longer tool life and greater component accuracy.

According to ATI Stellram, this innovative combination generates lower radial forces and minimises vibration thus allowing the machining of more unstable parts, cutting environments or components.

The 48 geometry is available in grades SP6519, a tough, high-performance substrate which is finished with the latest generation, hard-wearing PVD super nano coating, and the industry-proven X500 which is part of the X-Grade™ Technology program for difficult-to-machine material applications.

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Efficient, smooth cutting with new Stellram geometry/2..

The new insert program is suitable for machining stainless steels, as well as high-nickel, high-cobalt alloys and iron-based alloys, and comprises ADET12 and APET16 style inserts in a comprehensive range of radii from 0.8mm to 4.0mm, and 0.8mm to 6.4mm respectively. Both styles are also available with facets in both SP6519 and X500 grades.

More details on Stellram's 48 Geometry and other solutions for difficult-to-machine materials can be obtained from Elena Gandiglio on 00 41 22 354 9711 or email egandiglio@ATIEP.com. Alternatively, visit www.atistellram.com.

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Note to editors:

ATI Stellram is one of several business units of ATI Engineered Products of the ATI group of companies. ATI is a leading producer of specialty metals including titanium and titanium alloys, nickel-based alloys and superalloys, and stainless steel and specialty alloys. ATI Stellram has manufacturing facilities in the United States, United Kingdom and Switzerland, with 9 sales offices around the world and a product distribution network covering 40 countries.