



#1 Teledyne Place • LaVergne, TN 37086
Toll Free: 800.232.1200 • Facsimile: 800.223.2219
www.atistellram.com

FOR IMMEDIATE RELEASE

For further information,
Contact: April Jackson
Phone: 615-641-4206
E-Mail: ajackson@atimwp.com
Web Site: <http://www.atistellram.com>

**ATI Stellram Introduces 4E Geometry
For Aerospace Alloy Turning**

LaVergne, TN— ATI Stellram specifically designed the 4E Turning Geometry to meet the demands of machining aerospace type components, manufactured from High Nickel, High Cobalt and Titanium-based alloys.

Available in new grade SP0819, 4E inserts utilize an approved aerospace substrate, and are enhanced with a Nano TiAlN layer PVD coating for unmatched performance.

ATI Stellram's new 4E Aerospace Turning Geometry provides ...

- **Longer Tool Life.** The 4E's combination of a new super-hard coating with micro-grain carbide substrate significantly improves heat and wear resistance in high temperature alloy machining, enabling longer tool life and higher productivity.
- **Improved Component Quality.** The 4E's new precise reinforced chipbreaker profile with positive cutting action dramatically reduces built-up edge, leaving a smooth surface finish and greater component dimension integrity.
- **Application Versatility.** The 4E is designed to machine a wide variety of materials including Stainless Steels, High Nickel, High Cobalt and Titanium-based alloys, helping to reduce shop inventory, operator error and cost.

ATI Stellram is a business unit of ATI Metalworking Products, an operating company of Allegheny Technologies, a leading producer of specialty metals, including titanium and titanium alloys, nickel-based alloys and superalloys, and stainless steel and specialty alloys.

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