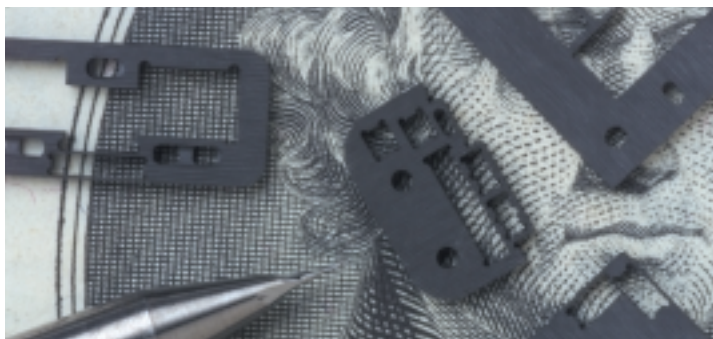


GRAPHITE MACHINING

GRAPHITE MACHINING EXPERTISE

- Ultra-Precision Machining of Graphite Components and Assemblies
- Serving the Electronics, Aerospace, Semiconductor, Research, Mold-Making and Metallurgical Industries
- Materials Selection, Fixture Design and Prototyping Capabilities
- Top Quality Parts, On-Time Delivery and Competitive Prices



**Ultra-Miniature Machining
with .005 Inch End Mill**

TYPICAL MACHINED PRODUCTS

- Furnace Fixtures
- Resistive Heating Elements
- LPE Boats
- Crucibles
- EDM Electrodes
- Precise Locating Inserts
- Beam Targets
- Hot Pressing Dies
- Molds
- Nozzles
- Shields
- Susceptors

PRECISION MACHINING

SST International combines 35 years of graphite machining experience with state-of-the-art equipment and uncompromising craftsmanship to produce the highest quality graphite components and assemblies. Our expertise also extends to other materials such as machine-able ceramics, ferrous and non-ferrous alloys. We utilize High Speed Machining (HSM) CNC milling equipment together with precision surface and centerless grinding, lapping, turning, wire-EDM, drilling, sawing, cleaning and inspection equipment in our 30,000 square foot facility. Our machining technologists use the latest CAM software systems to produce intricate, high-tolerance finished products. We specialize in fine detail work using end mills and drills as small as .005 inches (.12 mm) diameter. Video metrology equipment assures us that we meet your tolerance and finish requirements.



SST International

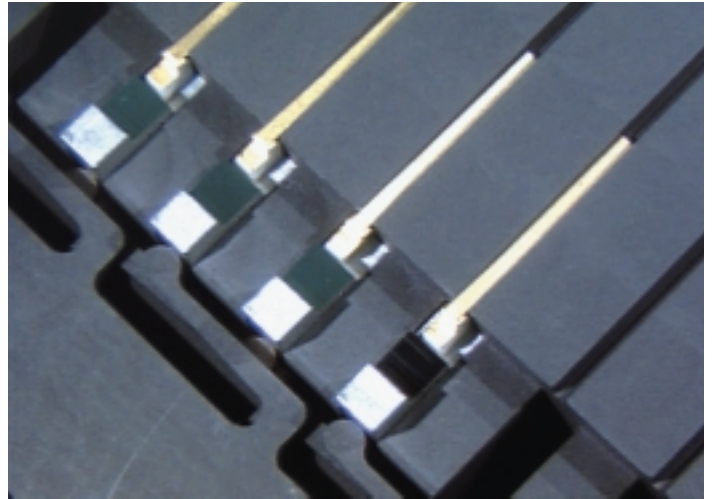
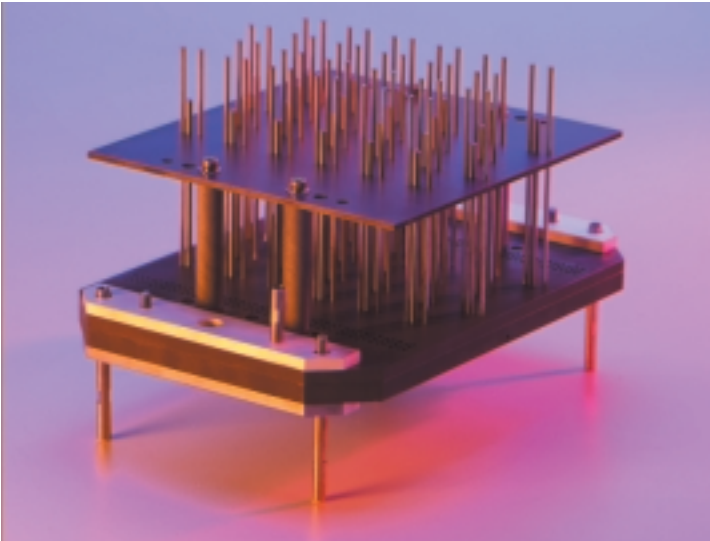
"World Leader in Package Assembly"

DESIGN AND ENGINEERING SERVICES

Our expertise with the design and engineering of graphite products really sets SST International apart from other graphite machining sources. SST's engineering staff works with our customers to translate their concepts into reality. We can easily import a variety of industry-standard CAD files into Pro-E models for design validation. We can also evaluate your requirements and custom design graphite tools and fixtures to meet your needs. Prototypes and first article samples can be provided to confirm design integrity prior to fabrication of production quantities. SST's engineers are thoroughly familiar with the properties of a wide variety of high quality graphite materials and can help you select the best material for your application.



Pro-E CAD Modeling Capabilities



Graphite Fixture with Integrated Positioning Springs



YOUR COMPLETE SOLUTION

SST offers a full complement of products and services to meet all your needs for precision graphite products. We combine our extensive inventory of premium graphite materials with engineering and design services, precision machining of graphite, ceramics and metals, and post machining services such as cleaning, purification, coating and impregnation. We provide the highest quality products and services, competitively priced and delivered on-time. Call us for a quote today!



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