



LARGE DIAMETER GRIND BLANKS

STC now offers our quality high purity alumina to support 400 mm Semiconductor needs, as well as sizable alumina and zirconia tubes for the Oil & Gas and Energy Industries.



Capabilities

- Isostatic Press: 30" OD x 48" L Chamber, 30 Kpsi
- Vertical Mills, Lathes, and Kilns accompany the isopress in STC's large Diameter Work Cell

Applications

- Focus Rings
- E chucks
- Mud Pump Liners
- Vacuum Chucks
- Chamber Liner
- CMP Rings

Materials

- High Strength 99.8% Aluminas with Highly Dense, Fine Grained material microstructure for chamber critical components.
- 96%-99% Aluminas as well as YTZP & MSZ Zirconias

Service

- STC can provide same day quote turn around, 3-4 week deliveries, along with application and customer service to support your existing and new project needs.

Superior Technical Ceramics products and services are subject to the Company's standard terms and conditions, available on request or at ceramics.net. For more information contact an authorized Superior Technical Ceramics representative. Unless noted otherwise, trademarks and service marks herein are the property of Superior Technical Ceramics and may be registered in the United States and/or other countries. Superior Technical Ceramics products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact sales@ceramics.net. Specifications are subject to change without notice. Superior Technical Ceramics sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Superior Technical Ceramics and the client.

