



LARGE DIAMETER GRIND BLANKS

STC now offers our quality high purity alumina to support 450mm 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
- Vacuum Chucks
- E chucks
- Chamber Liner
- Mud Pump Liners
- 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.