



Superior Technical Ceramics
Engineering. Partnership. Solutions.

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.

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