



Potentials, Inc.

The Accelerator Specialists

P.O. Box 26446
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Varian Viision Accelerator Bushing REFURBISHED

REFURB™

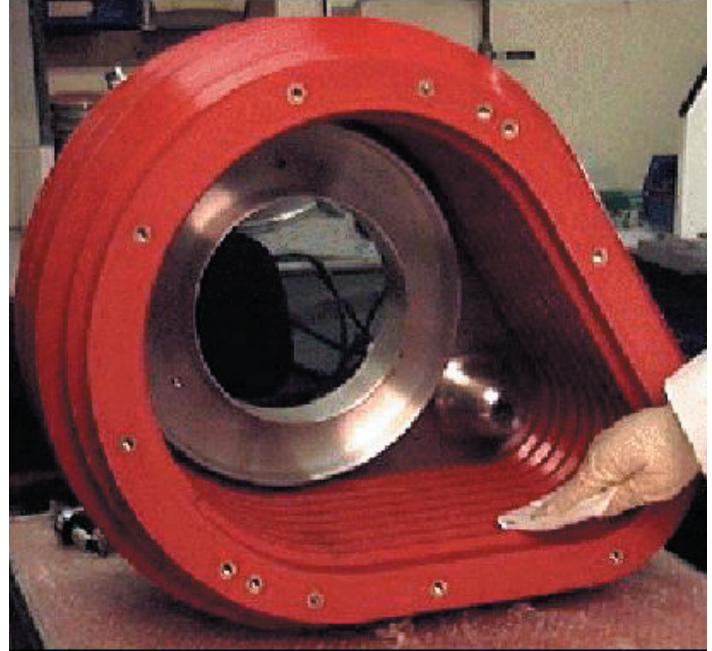
Refurbishment Services

Potentials can repair all of the following problems, and continue the service life of an otherwise useless bushing:

- **Arcing Trails Removed**
- **Cracks in bushing wall repaired**
- **Missing pieces of O-ring surface replaced**

Refurbishment Process

- All arcing trails are ground out to remove any carbonized (burned) material.
- New material, containing a high loading of ceramic, is used to replace any burned or broken out material. This high ceramic loaded material is used to assure high insulating value, high thermal conductivity (to reduce incidence of arcing damage) and low outgassing.
- The new material is smoothed and reglazed to assure ease of cleaning and (as related to the O-ring surface), to assure an effective O-ring seal.



Accelerator Bushing for the Varian Viision Implanter

Inspection Items and Specifications

- Helium Leak Test- $9 \cdot 10^{-10}$ atmospheric cc/sec sensitivity, no detection of leak.
- Proprietary test for hidden damaged material

Benefits

- Longer life
- Savings over new