



APPROVED FOR PUBLIC RELEASE. CASE 06-1104.

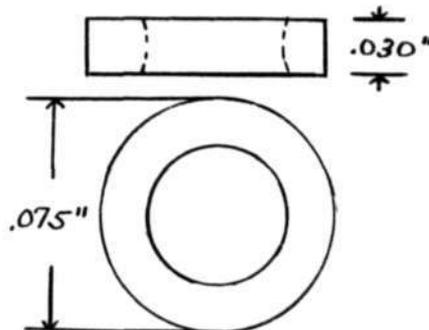
Memorandum M-2398

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paid \$75 for each crystal supplied hereafter. This is a fraction of the growing cost and considered by them a token payment.

Linde is supplying mass-production quantities of cut crystal parts to industry (sapphire bearings for clock and instrument movements, balls for ball-point pens, sapphire phonograph needles, etc.) and they consider it not out of the question to supply memory cores for computer work. They feel that the high uniformity of crystals might make selection of good cores a smaller problem.

I was rather surprised when they said that a certain sapphire watch bearing is being precision machined and supplied in quantities of the order of one hundred million per year (in Switzerland) at a per-unit-cost of ten cents. The shape of the bearing was sketched approximately thus:



Signed

*Dudley A. Buck*  
Dudley A. Buck

Approved

*DRB*

David R. Brown

DAB/jk

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