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COUNTRY East Germany
SUBJECT Ceramic Cutting Tools for Machining Metal

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1. Experiments on the use of ceramic cutting tools for machining metals are being carried out at the Dresden Technical College (Technische Hochschule Dresden); the experiments are based on the published results of similar experiments performed in the USSR. It is alleged that East Germany, following the published Russian methods, has succeeded in producing and using ceramic cutting tools. 1/
2. Dipl. Ing. (fnu) Richter's special field is experiments concerned with cutting tools and with industrial engineering. He works under Professor (fnu) Koloc at the Dresden Technical College. Richter is more a theoretical than a practical scientist.

1/ [] Comment: The most recent Russian publications on ceramic cutting instruments were reproduced in the East German pamphlet, Die Presse der Sowjetunion, No. 246, 18 December 1952. The two articles contained in the pamphlet are "The Use of Ceramic Tools for Cutting Metals" and "The Machining of Metals with Heat-Resistant Corundum (Thermokorund) Cutting Tools."

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