



NEWS RELEASE
from
KENNAMETAL Inc.

ISSUED BY: George B. Varner
Kennametal Inc.
Latrobe, Pa.

FOR RELEASE: Immediately

Kennametal Inc., Latrobe, Pa., has announced an ultra-high strength tungsten carbide which is being used to generate pressures of more than 1,000,000 pounds per square inch. Anvils, dies, plungers, and backup plates -- ranging in diameters from one inch to more than eight inches -- are now being produced by Kennametal for use in the synthesis of diamonds, borazon, and other materials. A variety of components of the new material will be displayed at the Chemical Industries Exposition to be held in the New York Coliseum opening November 27.

The phase changes that many materials undergo when subjected to extremely high pressures have interested scientists for many years. The scope of their investigations has depended upon the strength of materials available for generating the pressures required. The availability of materials with higher strength and consistent quality permits extending investigations into many new areas by employing higher and higher pressures.

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KENNAMETAL *Inc.*

GENERAL OFFICE AND MAIN PLANT
LATROBE, PA., U. S. A.

CEMENTED CARBIDE PRODUCTS



AREA CODE 412
KEystone 7-3311

November 7, 1961

Mr. H. T. Hall
Brigham Young University
Provo, Utah

Dear Mr. Hall:

Enclosed is a news release and photograph we sent to a number of trade journals a few days ago. I thought you would be interested in seeing some of the parts we are making of high strength tungsten carbide for ultrahigh pressure work.

If you attend the Chemical Exposition in New York next month, we hope you will visit us at Booth 963 at the Coliseum. Either I or a member of my staff will be there throughout the show. We will be glad to tell you about our facilities and explore how they might be of service to you. A registration card for the exposition is enclosed for your convenience.

Sincerely,

KENNAMETAL INC.

A handwritten signature in blue ink that reads "W. L. Kennicott".

W. L. Kennicott
Vice President--Engineering

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