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# THE MICROSTRUCTURE OF BRONZE SINTERINGS

BY

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ASTM COMMITTEE B-9  
ON  
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## FOREWORD

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While sintered bronze has been a major production item for over 35 years, little significant information has been available about its microstructure and effects on its mechanical properties following changes in the microstructure.

ASTM Committee B-9 on Metal Powders and Metal Powder Products has been for some time conducting a broad study of the properties of sintered bronze in order to obtain a better fundamental understanding of the microstructural changes occurring in a standard bronze material when sintered under normal commercial practices. The present report shows the changes which occur in the microstructure under variable sintering conditions of time, temperature, and furnace atmosphere.

Subsequent reports on other aspects of the study on sintered bronze will be prepared when sufficient data have been developed.

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