

AMERICAN NATIONAL STANDARD

General Tolerances for Metric Dimensioned Products

ANSI B4.3 - 1978

REAFFIRMED 1999

FOR CURRENT COMMITTEE PERSONNEL
PLEASE SEE ASME MANUAL AS-11

SECRETARIAT

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FOREWORD

The American National Standards Committee B4 was reorganized in November 1975 and renamed "Standardization of Allowances and Tolerances for Manufactured Parts". A need for a general tolerancing system similar to, and recommended to be used with, the ANSI B4.2 standard on Preferred Metric Limits and Fits was recognized. The International Standard ISO 2768, Permissible Machining Variations in Dimensions Without Tolerance Indications, was prepared by the Technical Committee ISO/TC3—Limits and Fits, for the above purpose, and it was approved by the U.S.A. and 22 other countries in 1972. It was decided by the B4 Committee that a similar American standard be prepared based on the ISO 2768 standard.

A draft proposal was circulated for letter ballot of the Committee on October 14, 1976. Comments received as a result of this ballot led to changes of the original draft proposal and subsequent approval of the text by the B4 Standards Committee. Final approval for this standard was granted by the American National Standards Institute on 16 March 1978.