This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

Designation: D6860/D6860M – 19

Standard Tables of Body Measurements for Boys, Sizes 4H to 20H Husky[1]

This standard is issued under the fixed designation D6860/D6860M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

INTRODUCTION

These tables were developed from data published by the U.S. Department of Commerce. These data were based on original research conducted by the U.S. Department of Agriculture[2] in the 1930s. This standard takes into consideration children's growth patterns reflected in the 1980 charts for the National Center for Health Statistics[3] and the 1977 Anthropometric Study of U.S. Infants and Children conducted by the University of Michigan[4] and 2000 CDC Growth Charts for the United States[5] and CDC Advance Data No. 361, Dated 7/5/2005. All sudden shifts of proportion have been eliminated so as to reflect the gradual growth and development of the child. To verify the proposed body measurements, a three-dimensional Avatar was created in the size range by Alvanon Inc.[6] for a visual reference and also attached in the documentation. Terminology D5219 data was removed and references to the standard were made to avoid duplicity and ease management of standard.

1. Scope

1.1 These tables list body measurements for boys husky sizes. Although these are body measurements, they can be used as a baseline in designing apparel for husky boys in this size range when considering such factors as fabric type, ease for body movement, styling, and fit.

1.2 The maximum age for Boys Husky chart is 15 years old to size 20H.

1.3 The size table includes range of little boy sizes; these values are for husky boys and will be included in boy's regular and slim as well.

1.4 These tables list body measurements for the complete range of Boys Husky sizing. Husky subjects are the same stature (height), with fuller body, and higher body weight than regular subjects as illustrated by measurement charts in Tables D6458.

1.5 The values stated in either inch-pound units or SI units are to be regarded separately as standard. The values stated in each system are not necessarily exact equivalents; therefore, to ensure conformance with the standard, each system shall be used independently of the other, and values from the two systems shall not be combined.

1.6 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.7 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*[7]

D123 Terminology Relating to Textiles

[1] This test method is under the jurisdiction of ASTM Committee D13 on Textiles and is the direct responsibility of Subcommittee D13.55 on Body Measurement for Apparel Sizing.

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[2] U.S. Department of Commerce, *Voluntary Product Standard: Body Measurements for the Sizing of Children's Apparel*, NIST Publication No. PS 54-172, Washington, DC.

[3] Available from the National Center for Health Statistics (NCHS), a division of Centers for Disease Control & Prevention (CDC), 1600 Clifton Rd., Atlanta, FA 30333, http://www.cdc.gov.

[4] Snyder, Lawrence, *Anthropometry of Infants, Children, and Youth to Age 18*, University of Michigan, May 1977.

[5] 2000 CDC Growth Charts for the United States: Methods and Development, National Center for Health Statistics, *Vital Health Stat*, 11 (246), 2002.

[6] Alvanon, Inc., 145 W 30th Street, Suite 1000, New York, NY 10001.

[7] For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

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