



Designation: D 5219 – 9902

Standard Terminology Relating to Body Dimensions for Apparel Sizing¹

This standard is issued under the fixed designation D 5219; 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.

¹ This terminology is under the jurisdiction of ASTM Committee D-13 on Textiles and is the direct responsibility of Subcommittee D13.55 on Body Measurement for Apparel Sizing.

Current edition approved ~~May Sept.~~ 10, 1999; 2002. Published ~~September 10, 1999; December 2002.~~ Originally published as D 5219 – 92. Last previous edition ~~D 5219 – 97^ε~~, D 5219 – 99.

1. Scope

- 1.1 This standard is a compilation of terminology related to the body dimensions for necessary apparel sizing.
- 1.2 For definitions of other textile terms, refer to Terminology D 123.
- 1.3 The terms are listed in alphabetical order regardless of whether they are horizontal or vertical measurements.

2. Referenced Documents

- 2.1 *ASTM Standards:*
D 123 Terminology Relating to Textile Materials²
- 2.2 *ISO Standards:*³
~~ISO 3635–1981~~ Size 3635 Size Designation of Clothes, Definitions and Body Measurement Procedures
ISO 8559 Garment Construction and Anthropometric Surveys—Body Dimensions

3. Terminology ~~abdominal extension, n—see front high-hip.~~

3.1 *Anatomy:*

acromion, *n—in anatomy*, that ~~that~~ part of the shoulder blade located at the end of the spine, which articulates with the collarbone. (See also **shoulder joint**.)

across shoulder, *n—in body measurements*, the distance from shoulder joint to shoulder joint across the back.

ankle, *n—in anatomy*, the joint between the foot and the lower leg. (See Fig. 1.) (See Fig. 2.)

ankle girth, *ankle*, *n—in body measurements*, the circumference of ~~the joint between the leg over foot and the greatest prominence of the ankle.~~ lower leg. (See Fig. 1.)

ankle height, *armpit*, *n—in body measurements*, with ~~the hollow under the subject standing barefoot, the distance from the center junction of the prominent outside ankle bone to arm and the floor.~~ shoulder. (See Fig. 1.)

arm length, **back-break point**, *n—in body measurements*, with the arm bent at 90° and the clenched fist placed ~~the location on the hip, the distance from the shoulder joint along the outside back of the body where the arm over separates from the elbow to the greatest prominence on the outside of the wrist.~~ body. (See Fig. 2.)

armhole, **cervicale**, *n—in garment construction*, the area ~~the prominent point of a garment through which the arm passes seventh or into which a sleeve is fitted. (Compare armseye.)~~ lowest neck vertebra at the back of the body.

DISCUSSION—The armhole cervicale is ~~not necessarily identified by being more prominent when the same shape or location as head is bent forward; however, cervicale height measurements are made only when the armseye head is erect.~~ (See Fig. 2.)

armpit, **crotch**, *n—in anatomy*, the hollow under ~~the body area adjacent to the junction vertex of the arm and included angle between the shoulder.~~ legs. (See Fig. 1.)

armseye, **crown**, *n—in garment construction*, the opening in a garment for the attachment ~~the top of a fitted sleeve. (Compare armhole.)~~

DISCUSSION—Armseye is a tailor's term for armhole. The opening follows a line passing over the shoulder joint, front- and back-break points and armpit area. head. (See Fig. 1.)

² Annual Book of ASTM Standards, Vol 07.01.

³ Available from American National Standards Institute, 11 West 42nd Street, 13th Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036.