



Designation: D2050 – 19

Standard Terminology Relating to Subassemblies Used in the Manufacture of Textiles¹

This standard is issued under the fixed designation D2050; 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. Scope

1.1 This standard identifies terminology related to subassemblies used in the construction of textiles both general and specific and can be categorized as any component or structure that is used in the construction or assembly of a textile product. Subassemblies can be in the form of closures (for example, slide fasteners, buttons, snap fasteners, hook and loop (touch) fasteners) or methods of joining (for example, stitches and seams).

1.2 The subassembly terms relating to Buttons are found in Terminology Section 3.

1.3 The subassembly terms relating to Hook and Loop (Touch) fasteners are in Terminology Section 4.

1.4 The subassembly terms relating to Snap Fasteners are found in Terminology Section 5.

1.5 The subassembly terms relating to Slide Fasteners are found in Terminology Section 6.

1.6 For other terms associated with textiles, refer to Terminology [D123](#).

1.7 *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.*

1.8 *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.*

¹ This terminology is under the jurisdiction of ASTM Committee [D13](#) on Textiles and is the direct responsibility of Subcommittee [D13.54](#) on Subassemblies. These definitions were developed in cooperation with the American Fastener and Closure Assn. Inc.

Current edition approved Jan. 15, 2019. Published February 2019. Originally approved in 1961. Last previous edition approved in 2011 as D2050 – 11^{ε1}. DOI: 10.1520/D2050-19.

2. Referenced Documents

2.1 ASTM Standards:²

- [D123 Terminology Relating to Textiles](#)
- [D1230 Test Method for Flammability of Apparel Textiles](#)
- [D2060 Test Methods for Measuring Zipper Dimensions](#)
- [D2061 Test Methods for Strength Tests for Zippers](#)
- [D3657 Specification for Zipper Dimensions](#)
- [D4846 Test Method for Resistance to Unsnapping of Snap Fasteners](#)
- [D5169 Test Method for Shear Strength \(Dynamic Method\) of Hook and Loop Touch Fasteners](#)
- [D5171 Test Method for Impact Resistance of Plastic Sew-Through Buttons](#)
- [D5646 Terminology Relating to Seams and Stitches Used in Home Sewing](#)
- [D7142 Test Method for Holding Strength of Prong-Ring Attached Snap Fasteners](#)

3. Terminology

RELATING TO BUTTONS

3.1 Terminology relating specifically to buttons covers special terms or special meanings used in the button industry. These apply only to sew-through flange and shank buttons.

3.2 The principal types of button defined in this terminology document are illustrated in [Figs. 1-8](#). These figures are descriptive only and are not intended to be restrictive as to design.

assembled button, *n*—a decorative button consisting of combinations of similar or dissimilar materials, such as plastic and metal or metal and metal, which have been joined together by such processes as gluing, swedging or metal stamping.

bridge, *n*—the area of a button between the holes partially covered by the sewing threads with dimensions varying upon design and end use.

² 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.