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## Standard Terminology for Surgical Tissue/Dressing/Pick-Up Forceps (Thumb-Type)<sup>1</sup>

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### 1. Scope

1.1 This terminology defines basic terms and considerations for components of thumb-type surgical forceps. Instruments with this terminology are limited to those fabricated from stainless steel and used for surgical procedures.

### 2. Referenced Documents

2.1 *ASTM Standards*:<sup>2</sup>

F 899 Specification for Wrought Stainless Steels for Surgical Instruments

F 921 Terminology Relating to Hemostatic Forceps

### 3. Terminology

#### 3.1 Definitions

<sup>1</sup> This terminology is under the jurisdiction of ASTM Committee F04 on Medical and Surgical Materials and Devices and is the direct responsibility of Subcommittee F04.33 on Medical/Surgical Instruments.

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<sup>2</sup> 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.

**atraumatic**—teeth that would interdigitate except for being spaced apart a predesigned distance so they will not stress, crush, or otherwise traumatize the tissue being grasped.

**guide pin**—a pin affixed to the inside of one of the forceps halves that aligns with a hole on the other tweezer half without protruding through when closed.

**guide pin hole**—the hole in one forceps half into which the guide pin fits without passing through when closed.

**mesh**—an alignment of opposing teeth. The teeth may be in-line or angled.

**mouse teeth**—distal tip teeth that interdigitate.

**scissoring**—lateral misalignment.

**set**—the at rest position of the instrument halves that will provide the intended closing relationship of fit and force.

**stop pin**—a pin of preset length affixed to the inside of one of the tweezer halves designed to limit teeth contact upon closure and prevent their damage.

**teeth**—serrations formed on the inside faces of the distal end of the tweezer halves.

**tissue forceps**—a device formed in two generally symmetrical halves with their proximal ends secured together and set so their distal ends will stay separated unless pressed together.