

Simple Forceps / Thumb Forceps / Dissecting Forceps / Plain Forceps

Description

Simple Forceps, also known as Thumb Forceps or Dissecting Forceps, are precision surgical instruments primarily used to grasp, hold, or manipulate tissues and other materials during surgical procedures. The straight plain design ensures a firm grip without serrations, making them ideal for handling delicate tissues without trauma.

Specifications & Sizes

- Lengths Available: 8 inches (20 cm), 10 inches (25 cm), 12 inches (30 cm), 14 inches (35 cm)
- Tip: Straight, plain (non-serrated)
- Weight: Lightweight stainless steel construction for comfortable handling

Shapes & Types

- Straight plain tip forceps (non-serrated) for gentle tissue handling
- Variants include serrated tips or curved tips (not covered here)

Material

- High-quality surgical stainless steel (SS 304 / SS 316)
- Corrosion-resistant, durable, and heat-resistant for repeated sterilizations

Category

- Surgical Instrument
- Tissue Handling and Dissecting Tools

Product Form

- Solid, reusable metal instrument
- Autoclavable and built for longevity

Usage

- Grasping and holding delicate tissues without causing damage
- Assisting in tissue dissection and manipulation
- Handling sutures or small surgical materials
- Used extensively in both veterinary and human surgeries

Advantages

- Plain tip reduces risk of tissue trauma
- Available in multiple sizes to suit various surgical needs
- Durable and easy to sterilize
- Lightweight and ergonomically designed for precision control

Disadvantages

- Not ideal for gripping slippery or tough tissues due to lack of serrations
- Requires steady hand for optimal use to avoid accidental slips

Precautions

- Handle carefully to maintain tip alignment and avoid damage
- Ensure thorough sterilization before and after each use
- Avoid using forceps on tissues beyond intended application to prevent injury

Handling & Sterilization Details

- Clean immediately after use with warm water and mild detergent
- Use ultrasonic cleaner if available for best results
- Sterilize using autoclave at standard surgical temperatures
- Store in a dry, sterile place to maintain instrument integrity

Veterinary Application

- Widely used in veterinary surgeries for tissue manipulation and dissection
- Suitable for delicate tissue handling in small and large animals
- Helps reduce tissue trauma, improving surgical outcomes

Human Application

- Commonly used in human surgical procedures including general, plastic, and orthopaedic surgeries
- Ideal for delicate tissue handling and suture assistance
- Provides surgeons with precise control during operations

HS & HSN Codes

- **HS Code:** 9018.39 — Instruments and appliances used in medical, surgical, dental, or veterinary sciences, not elsewhere specified
- **HSN Code:** 9018 — Medical, surgical, dental, or veterinary instruments and appliances

FAQs

Q: Why use plain forceps instead of serrated ones?

A: Plain forceps reduce the risk of damaging delicate tissues as they provide a gentler grip.

Q: What sizes are most commonly used?

A: 8" and 10" sizes are common for most procedures, with 12" and 14" used in specialized surgeries.

Q: Can these forceps be used in veterinary surgeries?

A: Yes, they are essential in both human and veterinary surgeries for tissue handling.

Q: How do I sterilize these forceps?

A: Clean immediately after use and sterilize in an autoclave following standard protocols.

Q: Are these reusable?

A: Absolutely, with proper care and sterilization, they can be used multiple times.