

Green Armytage Forceps

Description

Green Armytage Forceps are specialized surgical instruments designed to **grasp, compress, and clamp tissues** during surgical procedures. Characterized by their **wide, flat, serrated jaws**, they are primarily used for **haemostasis**, especially in controlling bleeding from large tissue areas. These forceps offer a **broad surface area**, minimizing tissue trauma while providing firm grip.

Specification

- **Length:** Typically 8 inches (approx. 20 cm)
- **Jaw Type:** Wide, triangular, flat, serrated jaws
- **Tip:** Blunt tips to reduce tissue damage
- **Locking Mechanism:** Ratchet system for locking in place
- **Material:** High-quality surgical stainless steel
- **Sterilization:** Fully autoclavable

Sizes

- **Standard Size:** 8 inches (most commonly used)
- **Custom Lengths:** Available from specific surgical suppliers

Shapes

- Straight shaft with triangular, broad jaws
- Flat profile for better visualization and access
- Some variants with slightly curved jaws for specific procedures

Types

- **Standard Green Armytage Forceps** (straight, wide-jaw)
- **Modified Green Armytage Forceps** (slightly curved or longer handles)
- **Disposable Green Armytage Clamps** (used in field or mobile surgery kits)

Material

- **Surgical-Grade Stainless Steel:** Corrosion-resistant and reusable
- **Titanium (rare):** Lightweight, non-magnetic option for specialized use

Category

- Surgical Instruments
- Clamping & Haemostatic Tools
- Soft Tissue Handling Instruments

Product Form

- Individually packed (sterile or non-sterile)
- Included in surgical instrument sets
- Available in reusable and disposable variants

Usage

- Clamping large bleeding surfaces during surgeries
- Holding gauze or packs in place for haemostasis
- Providing traction or tissue control
- Common in soft tissue surgeries and emergency procedures

Advantages

- Broad, flat jaws reduce tissue trauma
- Firm grip ideal for compressing bleeding surfaces
- Easy to sterilize and maintain
- Locking mechanism allows hands-free use
- Reusable and cost-effective in long term

✘ Disadvantages

- Not ideal for delicate or small structures
- Improper use may cause crushing of tissues
- Ratchet mechanism can become loose with overuse
- Requires skill for proper clamping without trauma

⚠ Precaution

- Use only for intended tissue or gauze compression
- Avoid over-tightening to prevent tissue necrosis
- Ensure proper sterilization to avoid infection
- Inspect ratchet and jaws before each procedure
- Store in dry, sterile environments

📄 HS / HSN Code

- **HS Code:** 9018.90 (Surgical and veterinary instruments and appliances)
- **HSN Code:** 9018 (Medical, surgical, dental or veterinary instruments and apparatus)

👉 Handling

- Hold via ring handles with index finger for control
- Align jaws flat over the surface or gauze to be clamped
- Lock ratchet gently to secure without crushing
- Clean thoroughly, especially between serrations

🧴 Sterilization Details

- **Autoclaving:** Recommended method (121°C – 134°C)
- **Chemical Disinfection:** Suitable for quick sterilization
- **Ultrasonic Cleaning:** For fine particles and blood residue
- Ensure complete drying before storage to avoid rust

Veterinary Application

- Widely used in **large and small animal surgeries** for haemostasis
- Helps in **clamping bleeding surfaces or securing surgical packs**
- Useful during **spaying, tumour removal, and abdominal surgeries**
- Common in **field surgery kits** and **hospital surgical trays**

Human Application

- Frequently used in **gynaecological surgeries**, especially C-sections
- Common in **general and emergency surgeries** for bleeding control
- Ideal for **abdominal, pelvic, and thoracic procedures**
- Used in **obstetric surgeries** to control uterine bleeding

Frequently Asked Questions (FAQs)

Q1: What are Green Armytage Forceps used for?

They are used for clamping bleeding surfaces, securing gauze packs, and compressing tissue during surgery.

Q2: What makes them different from other forceps?

Their broad, triangular jaws provide a wider grip area, reducing tissue damage and increasing haemostatic control.

Q3: Can these forceps be used in veterinary surgery?

Yes, they are commonly used in both human and veterinary surgeries, especially in abdominal and soft tissue procedures.

Q4: Are Green Armytage Forceps reusable?

Yes, if made from surgical-grade stainless steel, they are fully reusable after proper sterilization.

Q5: What is the HSN code for these forceps?

HSN Code: 9018 under surgical and veterinary instruments.