

Towel Clip

Description

Towel clips are specialized surgical instruments designed to firmly grasp and hold surgical towels or drapes in place during medical procedures. They prevent the towels from slipping or moving, ensuring a sterile field throughout surgery or treatment.

Specification

- **Material:** Stainless steel (usually medical-grade 304 or 316) for corrosion resistance and sterilization compatibility
- **Finish:** Mirror polished or satin finish for easy cleaning
- **Design:** Locking mechanism to secure towels firmly
- **Size Range:** Typically between 50mm to 150mm in length
- **Shape:** Usually scissor-like with blunt or slightly curved ends for towel grip without tissue damage

Sizes & Shapes

- **Sizes:** Commonly 3 inches (75mm), 4 inches (100mm), 5 inches (125mm), and 6 inches (150mm)
- **Shapes:**
 - Straight towel clips
 - Curved towel clips (for easier grip and manoeuvring around body contours)
 - Miniature clips for paediatric or small animal use
 - Large clips for heavy drapes or towels

Types

- **Standard Towel Clip:** Most common, with locking mechanism
- **Non-locking Towel Clip:** Simpler grip, less secure but quicker to attach/detach
- **Disposable Towel Clips:** Plastic, single-use for infection control
- **Reusable Surgical Towel Clips:** Stainless steel, durable and autoclavable

Material

- Surgical-grade stainless steel (304 or 316)
- Occasionally titanium for lightweight and enhanced corrosion resistance
- Plastic (for disposable variants)

Category

- Surgical instruments
- Surgical accessories
- Sterile draping tools

Product Form

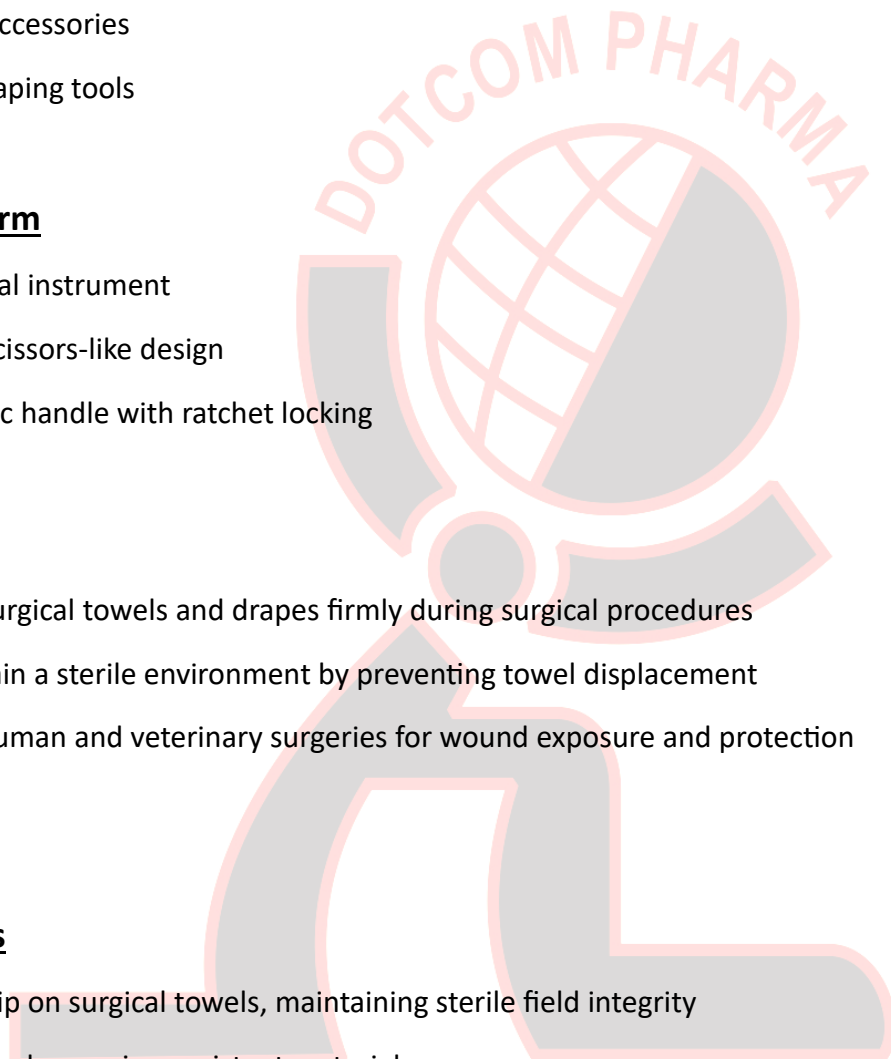
- Solid metal instrument
- Locking scissors-like design
- Ergonomic handle with ratchet locking

Usage

- To hold surgical towels and drapes firmly during surgical procedures
- To maintain a sterile environment by preventing towel displacement
- In both human and veterinary surgeries for wound exposure and protection

Advantages

- Secure grip on surgical towels, maintaining sterile field integrity
- Durable and corrosion-resistant materials
- Easy to sterilize and reuse
- Available in multiple sizes for various surgical needs
- Reduces risk of contamination during surgery



Disadvantages

- Risk of tissue damage if used incorrectly or with excessive force
- Can be challenging to remove quickly in emergencies due to locking mechanism
- Potential for rust if not properly maintained or sterilized
- Disposable versions may have less secure grip

Precautions

- Always sterilize before and after use to prevent infection
- Use appropriate size and type depending on procedure and towel thickness
- Avoid excessive pressure to prevent towel or tissue damage
- Regularly inspect for signs of wear, rust, or damage
- Dispose of single-use clips appropriately

HS / HSN Code

- **HS Code:** 9018.39 (Instruments and appliances used in medical, surgical, dental or veterinary sciences)
- **HSN Code:** 9018 (India-specific Harmonized System Nomenclature)

Handling & Sterilization Details

- Clean thoroughly after use with enzymatic detergents
- Autoclave sterilization is preferred (121°C for 15-20 minutes)
- Avoid chemical sterilant that may corrode stainless steel
- Store in dry, sterile conditions to prevent rust and contamination
- Inspect and lubricate locking mechanisms periodically

Veterinary Application

- Used in animal surgeries to hold drapes and towels on various body parts
- Suitable for both small and large animals with different clip sizes
- Assists in maintaining sterile fields during wound care, orthopaedic surgeries, and spaying/neutering
- Durable material withstands veterinary clinic sterilization methods

Human Application

- Utilized in general surgeries including abdominal, orthopaedic, and emergency procedures
- Maintains sterile draping in operating rooms and clinical settings
- Available in sizes for adult and paediatric patients
- Helps prevent surgical site infections by stabilizing drapes

? FAQ's (Frequently Asked Questions)

Q1: What is the primary function of a towel clip?

A1: To securely hold surgical towels or drapes in place during medical or veterinary procedures, maintaining a sterile field.

Q2: Can towel clips be sterilized and reused?

A2: Yes, stainless steel towel clips are designed for repeated sterilization, typically by autoclaving.

Q3: Are there different types of towel clips for human and veterinary use?

A3: While many towel clips are similar, veterinary clips may come in specialized sizes or stronger designs for animal surgeries.

Q4: What materials are towel clips usually made from?

A4: Surgical-grade stainless steel is most common; some disposable versions are made from plastic.

Q5: How should towel clips be handled to ensure safety?

A5: They should be sterilized before and after use, handled with care to avoid tissue damage, and regularly inspected for wear.

