

FIXATION FORCEPS

DESCRIPTION

Fixation Forceps are delicate, tweezer-style surgical instruments used to stabilise and hold small tissues during ophthalmic, microsurgical, and general procedures. Designed with fine pointed tips or teeth for precise gripping, these forceps provide excellent non-slip control with minimal tissue trauma. They are commonly used in both human and veterinary surgeries that require accurate and steady tissue handling.

SPECIFICATION

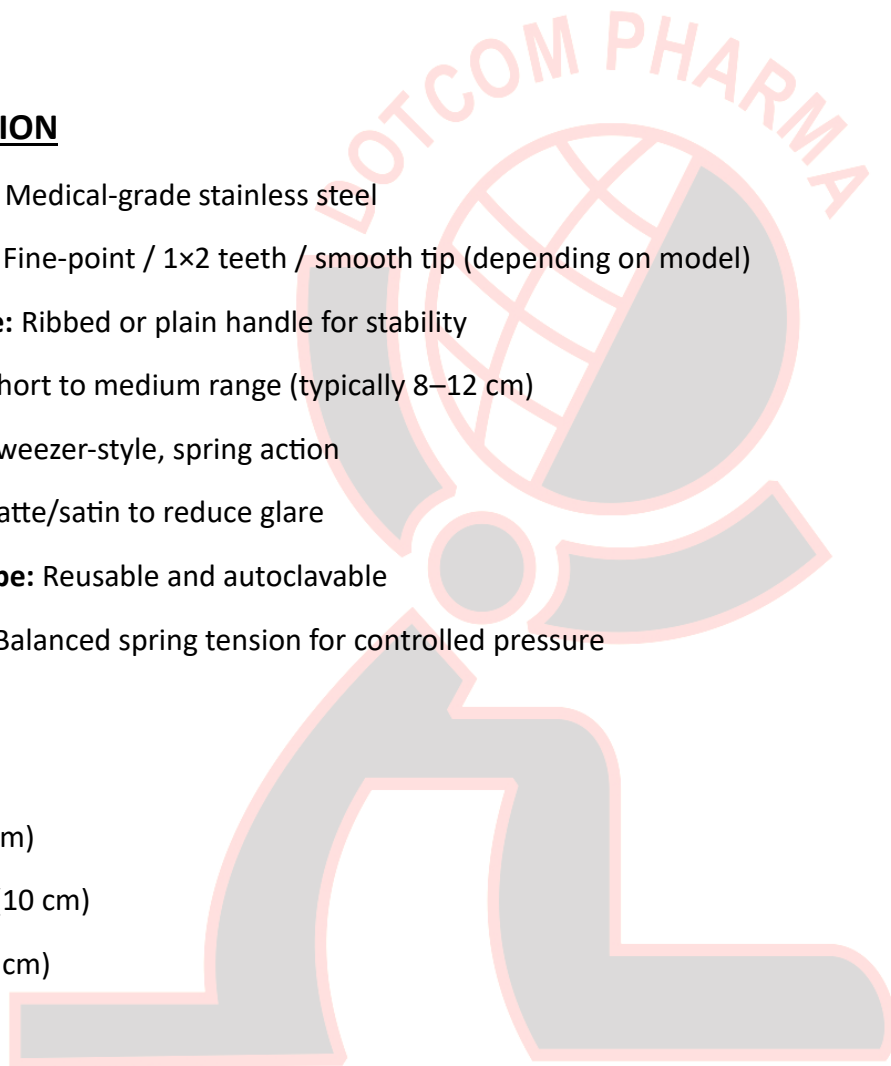
- **Material:** Medical-grade stainless steel
- **Tip Type:** Fine-point / 1x2 teeth / smooth tip (depending on model)
- **Grip Style:** Ribbed or plain handle for stability
- **Length:** Short to medium range (typically 8–12 cm)
- **Design:** Tweezer-style, spring action
- **Finish:** Matte/satin to reduce glare
- **Usage Type:** Reusable and autoclavable
- **Tension:** Balanced spring tension for controlled pressure

SIZES

- Small (8 cm)
- Medium (10 cm)
- Large (12 cm)

SHAPES

- Straight fixation forceps
- Curved tip variants
- 1x2 teeth (for secure grip)
- Smooth-tip (atraumatic)



MATERIAL TYPES

- SS 304 Surgical Stainless Steel
- SS 316 High-Grade Surgical Stainless Steel
- SS 410 Hardened Stainless Steel

CATEGORY

- Ophthalmic Surgical Instruments
- Micro-Surgical Instruments
- Veterinary Surgical Instruments

PRODUCT FORM

- Solid stainless-steel tweezer-style instrument
- Reusable, non-sterile when supplied

USAGE

Human Application:

- Stabilising ocular tissues (cornea, sclera, iris)
- Handling fine skin or membrane layers
- Grasping micro-sutures or delicate components
- Assisting in ophthalmic and plastic surgeries

Veterinary Application:

- Small animal ocular surgeries
- Microsurgical vet procedures
- Handling delicate tissues in eye or soft tissue surgeries

ADVANTAGES

- Fine precision for delicate tissue handling
- Atraumatic design (especially smooth-tip models)
- Strong, corrosion-resistant stainless steel
- Excellent grip and spring tension
- Autoclavable and reusable

DISADVANTAGES

- Not suitable for heavy tissue or traction
- Tips can bend if dropped
- Requires professional skill for safe use
- Not meant for cutting or clamping

PRECAUTIONS

- Avoid dropping to prevent tip misalignment
- Check tips for damage before use
- Use only for delicate tissue handling
- Avoid pressing too hard on fragile tissues
- Store in protective casing to avoid deformation

HANDLING DETAILS

- Hold near the mid-section for optimal control
- Apply light, controlled pressure
- Keep tips aligned during use
- Place carefully into surgical trays after use
- Avoid forcing the tips apart

STERILISATION DETAILS

- Fully autoclavable at standard surgical temperatures
- Compatible with EO (Ethylene Oxide) sterilisation
- Safe with approved chemical sterilising solutions
- Dry completely after cleaning
- Avoid harsh corrosive chemicals

HS CODE (Harmonized System Code)

HS Code: 9018 – Medical, surgical, dental, veterinary instruments.

HSN CODE (India)

HSN Code: 9018.90 – Other surgical instruments & appliances.

? FAQ (Frequently Asked Questions)

1. What are Fixation Forceps used for?

They are used to stabilise delicate tissues during ophthalmic and microsurgical procedures.

2. Are they reusable?

Yes, they are made from stainless steel and fully autoclavable.

3. Do they come with teeth?

Yes, models are available with 1×2 teeth or with smooth atraumatic tips.

4. Are they suitable for veterinary use?

Yes, they are frequently used in small-animal and eye-related surgeries.

5. How should they be cared for?

Handle gently, sterilise properly, avoid dropping, and store in protective trays.

