

Olsen-Hegar Needle Holder

Description

The **Olsen-Hegar Needle Holder** is a unique surgical instrument that combines both **needle holding** and **cutting** functions. It features integrated **scissors** in the jaw, allowing surgeons to suture and cut without switching tools. The 5.5" size is ideal for delicate procedures and is popular in both human and veterinary practices.

Specifications

- **Material:** Premium surgical-grade stainless steel (SS304/SS316)
- **Length:** 5.5 inches
- **Jaw Features:**
 - Cross-serrated needle holding jaws
 - Integrated scissor blades
- **Handle:** Finger-ring with ratchet lock
- **Function:** Dual-purpose – hold the needle + cut suture

Types

- **Standard Olsen-Hegar Needle Holder**
- **TC Olsen-Hegar (Optional)** – with Tungsten Carbide inserts (usually gold handle)

Product Form

- Single reusable instrument

Material

- Stainless Steel (SS304 / SS316)
- Optional Tungsten Carbide inserts (TC)

Category

- Surgical Suturing Instruments

Human Application

- Used for suturing and cutting during minor and major surgical procedures.
- Especially useful in plastic surgery, general surgery, and OB/GYN.

Veterinary Application

- Ideal for small animal surgery, especially where both holding and cutting are needed.
- Preferred in mobile vet kits for field use due to its dual function.

Advantages

- **Two-in-One Tool:** Combines needle holder and scissors.
- **Saves Time:** No need to switch between instruments.
- **Compact & Precise:** 5.5" size ideal for fine and controlled procedures.
- **Autoclavable:** Fully sterilizable and reusable.

Disadvantages

- **Learning Curve:** Requires skill to avoid accidental cutting.
- **Not Ideal for Heavy Sutures:** Better suited for finer materials.

Precautions

- Ensure proper grip to avoid unintentional cutting.
- Do not use for wire sutures.
- Sterilize before and after each procedure.

HS / HSN Code

- **HS Code:** 9018.39
- **HSN Code:** 9018.39.00
- **Description:** Surgical instruments including needle holders with scissors.

Sterilization Details

- **Sterilization Method:** Autoclave
- **Temperature:** 121–134°C
- **Cycle:** 15–30 mins depending on sterilizer

Frequently Asked Questions (FAQs)

1. **What makes the Olsen-Hegar different from regular needle holders?**
It has built-in scissors so you can cut sutures immediately after placing them.
2. **What is the size best used for?**
5.5" is perfect for small, precise procedures, especially in small animal or hand surgery.
3. **Is this instrument reusable?**
Yes, it's fully reusable and autoclavable.
4. **Can I use it with heavy-duty sutures?**
It's better suited for fine to medium sutures.
5. **Is a TC (Tungsten Carbide) version available?**
Yes, with gold handles indicating TC inserts for enhanced durability.

