

Needle Holder TC Hegar

Description

The **Needle Holder TC Hegar** is a surgical instrument designed for gripping and guiding needles during suturing. The "TC" refers to **Tungsten Carbide** inserts on the jaws, which offer superior grip strength and longevity. This tool is widely used in both human and veterinary surgeries due to its precision, control, and durability.

Specifications

- **Material:**
 - Body: High-quality stainless steel (SS304/316).
 - Jaw Inserts: Tungsten Carbide (TC) for enhanced grip.
- **Sizes Available:**
 - 8"
 - 10"
 - 12"
- **Design Features:**
 - Ratchet lock mechanism.
 - Cross-serrated jaws with TC inserts.
 - Finger-ring handle for controlled use.
 - Optional **gold-plated handles** to indicate TC.

Types

- TC Hegar Needle Holder – Standard.
- TC Hegar Needle Holder with **Gold Handles**.
- Available in straight or slightly curved jaws depending on surgical needs.

Product Form

- Single reusable instrument.

Material

- Stainless Steel (SS304 or SS316)
- Tungsten Carbide Jaw Inserts

Category

- Surgical & Suturing Instruments

Human Application

- Used during general, gynaecological, orthopaedic, and plastic surgeries for suturing.

Veterinary Application

- Used in small and large animal surgeries for holding suture needles precisely.

Advantages

- **Durable:** TC inserts increase instrument lifespan.
- **Firm Grip:** Prevents needle rotation or slippage.
- **High Precision:** Ideal for fine surgical work.
- **Reusable & Autoclavable:** Built for long-term surgical use.

Disadvantages

- **Higher Cost:** Due to TC inserts.
- **Requires Skill:** Misuse can damage the TC tips.

Precautions

- Handle gently to avoid chipping the TC inserts.
- Sterilize properly after each use.
- Avoid dropping the instrument — TC can crack under impact.

HS / HSN Code

- **HS Code:** 9018.39
- **HSN Code:** 9018.39.00
- **Description:** Surgical instruments (including needle holders with tungsten carbide inserts).

Sterilization Details

- **Sterilization Method:** Autoclave (Steam Sterilization)
- **Temp:** 121–134°C
- Ensure proper cleaning before sterilization to maintain TC life.

Frequently Asked Questions (FAQs)

1. **What does TC stand for in needle holders?**
It stands for Tungsten Carbide – an ultra-durable material used in jaw inserts.
2. **Why do some have gold handles?**
Gold handles indicate TC inserts inside the jaws.
3. **Can this be used for all types of surgeries?**
Yes, it's a versatile instrument for all suturing tasks.
4. **Are TC needle holders better than regular ones?**
Yes — they offer better grip, more control, and longer durability.
5. **Is it autoclavable?**
Absolutely! Built for repeated sterilization in surgical settings.