TWS Flexible Spring Retractor

TWS Flexible Spring Retractor is a specialized surgical instrument designed to hold open incisions and maximize surgical visibility, especially in tight or contoured anatomical spaces.

- Typically, a double-pronged sharp or blunt hook is used for fine wound retraction.
- Available in flexible neck variations, featuring multiple prongs for broader tissue retraction.

Key Features & Design

- **Malleable Shaft:** The neck of handle can be manually bent and shaped to conform to specific patient anatomy and wound angles.
- **Prongs:** The working end typically features 1 to 4 hook or prongs.

Sharp hooks provide a secure grip on tough tissues like skin and fascia, while blunt hooks prevent accidental tearing of delicate underlying tissue, nerves, and blood vessels.

Sharp hooks for standard skin contraction
Blunt hooks to protect delicate tissues

Surgical Applications

•**Plastic & Reconstructive Surgery:** used in rhinoplasty, breast surgeries, and facial procedures where precise, non-obstructive retraction.

•**Orthopedic & Hand Surgery:** Ideal for isolating tendons, bones, and small joints in confined spaces.

•**Pediatric Surgery:** Accommodates smaller incision sizes and delicate anatomical structures.

•**Orthopedic surgery**: a flexible wound retractor with hooks is heavily relied upon for exposing bones, tendons, and small joints. The malleable neck allows surgeons to bend the tool around irregular anatomical structures or bony prominences, delivering customizable traction while maintaining a clear line of sight under clinical lighting.

TW Surgical

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TWS 25-8816/01	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Single-pronged, Tip Width 1mm, Length 16cm Material: Stainless Steel
TWS 25-8816/02	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Two-pronged, Tip Width 2mm, Length 16cm Material: Stainless Steel
TWS 25-8816/04	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Three-pronged, Tip Width 4mm, Length 16cm Material: Stainless Steel
TWS 25-8816/06	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Four-pronged, Tip Width 6mm, Length 16cm Material: Stainless Steel
TWS 25-8820/01	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Single-pronged, Tip Width 1mm, Length 20cm Material: Stainless Steel
TWS 25-8820/02	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Two-pronged, Tip Width 2mm, Length 20cm Material: Stainless Steel
TWS 25-8820/04	TWS Flexible Spring Retractor, Extra Fine, Sharp, Delicate Slender shaft, Three-pronged, Tip Width 4mm, Length 20cm Material: Stainless Steel
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TWS 25-8916/08	TWS Flexible Spring Retractor, Fine, Blunt, Slender shaft, Three-pronged, Tip Width 8mm, Length 16cm Material: Stainless Steel
TWS 25-8916/12	TWS Flexible Spring Retractor, Fine, Blunt, Slender shaft, Four-pronged, Tip Width 12mm, Length 16cm Material: Stainless Steel
TWS 25-8920/02	TWS Flexible Spring Retractor, Fine, Blunt, Slender shaft, Single-pronged, Tip Width 2mm, Length 20cm Material: Stainless Steel
TWS 25-8920/04	TWS Flexible Spring Retractor, Fine, Blunt, Slender shaft, Two-pronged, Tip Width 4mm, Length 20cm Material: Stainless Steel
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TWS 25-9016/02	TWS Flexible Spring Retractor, Fine, Sharp, Slender shaft, Single-pronged, Tip Width 2mm, Length 16cm Material: Stainless Steel
TWS 25-9016/04	TWS Flexible Spring Retractor, Fine, Sharp, Slender shaft, Two-pronged, Tip Width 4mm, Length 16cm Material: Stainless Steel
TWS 25-9016/08	TWS Flexible Spring Retractor, Fine, Sharp, Slender shaft, Three-pronged, Tip Width 8mm, Length 16cm Material: Stainless Steel
TWS 25-9016/12	TWS Flexible Spring Retractor, Fine, Sharp, Slender shaft, Four-pronged, Tip Width 12mm, Length 16cm Material: Stainless Steel
TWS 25-9020/02	TWS Flexible Spring Retractor, Fine, Sharp, Slender shaft, Single-pronged, Tip Width 2mm, Length 20cm Material: Stainless Steel
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TWS Rigid Retractor

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TWS 25-9116/02	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Single-pronged, Tip Width 2mm, Length 16cm Material: Stainless Steel
TWS 25-9116/04	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Two-pronged, Tip Width 4mm, Length 16cm Material: Stainless Steel
TWS 25-9116/08	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Three-pronged, Tip Width 8mm, Length 16cm Material: Stainless Steel
TWS 25-9116/12	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Four-pronged, Tip Width 12mm, Length 16cm Material: Stainless Steel
TWS 25-9120/02	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Single-pronged, Tip Width 2mm, Length 20cm Material: Stainless Steel
TWS 25-9120/04	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Two-pronged, Tip Width 4mm, Length 20cm Material: Stainless Steel
TWS 25-9120/08	TWS Rigid Retractor, Fine, Blunt, Slender shaft, Three-pronged, Tip Width 8mm, Length 20cm Material: Stainless Steel
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