



Rochardson Retractor



Thomson Retractor



Bookwalter Retractor

Thomson surgicals retractors possesses several key features that contribute to its effectiveness in various medical procedures:

- 1. High-Quality Material:** Constructed from surgical-grade stainless steel or other materials compatible with sterilization procedures to ensure hygiene and durability.
- 2. Autoclavable:** Capable of withstanding autoclaving for sterilization, maintaining aseptic conditions in the operating room.
- 3. Atraumatic Design:** Smooth and atraumatic tips to minimize tissue damage during insertion and retraction, promoting better patient outcomes.
- 4. Ergonomic Handle:** Designed with an ergonomic handle for comfortable manipulation, reducing hand fatigue during prolonged surgeries.
- 5. Adjustability:** Adjustable features to accommodate different patient anatomies and surgical requirements, providing versatility in use.
- 6. Self-Retaining Capability:** Capable of self-retention, allowing surgeons to focus on the procedure without needing constant manual assistance to hold tissues back.
- 7. Blade Variety:** Available in various blade sizes and shapes to suit different surgical scenarios and anatomical variations.
- 8. Locking Mechanism:** Equipped with a reliable locking mechanism to secure the retractor blades in place once positioned, preventing unintentional movement.
- 9. Radiopacity:** Some retractors may have radiopaque markings, aiding visibility in medical imaging for surgical planning and monitoring.
- 10. Easy to Clean:** Designed for easy cleaning to maintain sterility and prevent cross-contamination between surgeries.
- 11. Durability:** Resilient construction to withstand repeated use, ensuring longevity and cost-effectiveness.
- 12. Versatility:** Suitable for a range of surgical specialties and procedures, enhancing its utility in various medical contexts.
- 13. Tissue-Specific Designs:** Specialized retractors tailored for specific procedures, such as abdominal, orthopedic, cardiovascular, or gynecological surgeries.

The combination of these features ensures that the Thomson surgicals retractors contribute positively to the surgical process, providing optimal exposure, accessibility, and safety during procedures.

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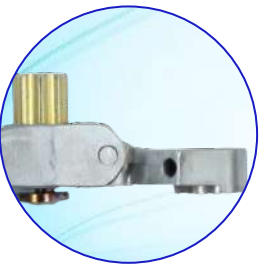
1. Customizable setup

Our retractor is completely customizable to the point where all the parts can be custom made to get the desired setup.



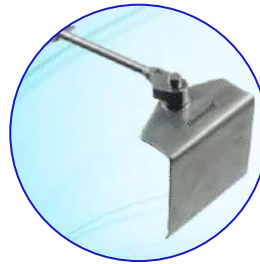
2. Easy Locking

Our new retractor avoids all the predated locking systems and introduces quick locking systems making the retractor extremely user friendly



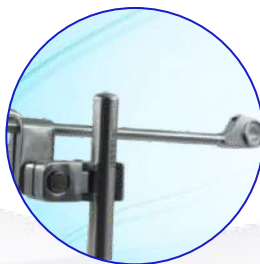
3. Multi angle Handles

The multi angle feature is a unique feature of our retractor which helps in maneuvering the blade angle



4. Quick Locking Blades

The Blades can be interchanged in the push of a button thus providing provision for immediate blade change without compromising the setup



5. Multi Function Retractor

Our retractor can be used for all major and minor surgical procedures and for all branches



GENERAL RETRACTOR SET





GENERAL RETRACTOR SET

PART DESCRIPTION	PRODUCT NO	QTY
1) Main body unit 20"	TS/TR/MBU/01	2
2) Lock 1 assembly	TS/TR/LA/01	2
3) Angled Connecting arm 8" X 10"	TS/TR/ACA/02	1
4) Angled connecting arm 8" X 10" X 8"	TS/TR/ACA/10	1
5) Bilateral crossbar 12" x 8" x 12"	TS/TR/BC/01	1
6) Lock 2 assembly	TS/TR/LA/02	1
7) Clip on connector with 8" Blade holder	TS/TR/CC/01	4
8) Slide on connector with 8" Blade holder	TS/TR/SC/01	2
9) Clip on gear retractor 10" with angle adjust	TS/TR/CGC/01	2
10) T handle	TS/TR/TH/01	1
11) Balfour blade 2" X 3"	TS/TR/BBB/01	2
12) Doyens blade 3" X 5"	TS/TR/DDB/03	2
13) Malleable finger blade 5"	TS/TR/FBB/03	1
14) Malleable blade 2" X 6"	TS/TR/MMB/05	2
15) Deaver blade 3" X 5"	TS/TR/DBB/03	2



Main Body Unit

The main body is attached to the railing and it provides the foundational strength for the retractor setup. They come in various sizes

DESCRIPTION

Main body unit 20"

Main body unit 15"

Main body unit 10"

PRODUCT NO

TS/TR/MBU/01

TS/TR/MBU/02

TS/TR/MBU/03

Bilateral Crossbar

Adjustable connecting arm helps in setting up the connecting arm in the required position as fast as possible eliminating complex placement of connecting arms

DESCRIPTION

Bilateral crossbar 12" X 8" X 12"

Bilateral crossbar 10" X 8" X 10"

PRODUCT NO

TS/TR/BC/01

TS/TR/BC/02



Lock Assembly 1

Lock 1 assembly connects the main body unit to the connecting arms while providing a stable frame. The special locking feature reduces the locking time required with its unique lever locking system.

DESCRIPTION

Lock 1 assembly

PRODUCT NO

TS/TR/LA/01



Lock Assembly 2

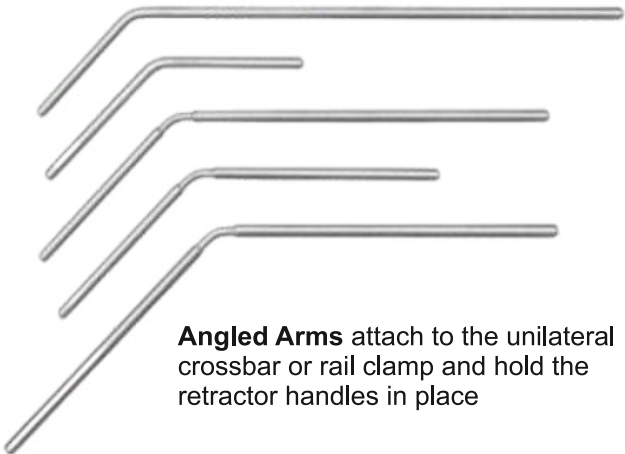
Lock 2 assembly connects the Connecting arm to each other. This provides an extended frame which helps in providing a support for extended retraction

DESCRIPTION

Lock 2 assembly

PRODUCT NO

TS/TR/LA/02



Angled Arms attach to the unilateral crossbar or rail clamp and hold the retractor handles in place

Angled Connecting Arm

Connecting arms are attached to the main body unit and provides the basic structure for setting up the retraction as desired

DESCRIPTION

PRODUCT NO

1) Angled connecting arm 10"X 12"	TS/TR/ACA/01
2) Angled connecting arm 8"X 10"	TS/TR/ACA/02
3) Angled connecting arm 8"X 8"	TS/TR/ACA/03
4) Angled connecting arm 10"X 10"	TS/TR/ACA/04
5) Angled connecting arm 12"X 12"	TS/TR/ACA/05
6) Angled connecting arm 10"X 4"	TS/TR/ACA/06
7) Angled connecting arm 10"X 6"	TS/TR/ACA/07
8) Angled connecting arm 8"X 4"	TS/TR/ACA/08
9) Angled connecting arm 10"X 4"	TS/TR/ACA/09
10) Angled connecting arm 8"X 10" X 8"	TS/TR/ACA/10

Note: Any customized size can also be manufactured



Slide on Connector

Slide on connector can be slid in from either ends of the connecting arm. This provides a very rigid positioning of the retraction. This comes along with a unique blade holder

DESCRIPTION

- 1) Slide on connector with 8" blade connector
- 2) Slide on connector with 10" blade connector

PRODUCT NO

- TS/TR/SC/01
- TS/TR/SC/02



Clip on Connector

Clip on connector latches on to any position on the connecting arm in a matter of seconds. This provides unparalleled flexibility for positioning of the retraction. This comes along with a unique blade holder.

DESCRIPTION

- 1) Clip on connector with 8" blade connector
- 2) Clip on connector with 10" blade connector

PRODUCT NO

- TS/TR/CC/01
- TS/TR/CC/02



Clip on gear retractor with angle adjust

The clip on gear retractor helps in retracting the desired area and pulls it back with the help of the gear mechanism which is present. This aids in safely pulling sensitive areas without causing any damage to the organs.

DESCRIPTION

- 1) Clip on gear retractor 10" with angle adjust
- 2) Clip on gear retractor 15" with angle adjust

PRODUCT NO

- TS/TR/CGC/01
- TS/TR/CGC/02



T Handle

T handle helps in adjusting the angle of the clip on gear retractor part under load. This relieves the load required by our hands for adjusting the angle.

DESCRIPTION

- 1) T-Handle

PRODUCT NO

- TS/TR/TH/01



Balfour Blade

Primary use in abdominal wall retraction

DESCRIPTION

- 1) Balfour Blade 2" X 3"
- 2) Balfour Blade 3" X 3"
- 3) Balfour Blade 3" X 4"
- 4) Balfour Blade 3" X 5"
- 5) Balfour Blade 3" X 6"

PRODUCT NO

- TS/TR/BBB/01
TS/TR/BBB/02
TS/TR/BBB/03
TS/TR/BBB/04
TS/TR/BBB/05

Harrington Blade

Primary in organ or tissue retraction

DESCRIPTION

- 1) Harrington blade 2 1/2" X 4"
- 2) Harrington blade 2 1/2" X 6"
- 3) Harrington blade 2 1/2" X 8"

PRODUCT NO

- TS/TR/HBB/01
TS/TR/HBB/02
TS/TR/HBB/03



Kelly Blades

Primary use in abdominal or small incision retraction

DESCRIPTION

- 1) Kelly blade 1 1/2" X 2"
- 2) Kelly blade 1 1/2" X 2"
- 3) Kelly blade 1 1/2" X 2"

PRODUCT NO

- TS/TR/KBB/01
TS/TR/KBB/02
TS/TR/KBB/03

St.Marks Blade

Primary for soft tissue retraction

DESCRIPTION

- 1) St.Marks blade 2" X 5"
- 2) St.Marks blade 2" X 5"

PRODUCT NO

- TS/TR/MBB/01
TS/TR/MBB/01



No Lip



With Lip



Splanchich Blade

Primary for soft tissue retraction

DESCRIPTION

- 1) Splanchich blade 2" X 4"
- 2) Splanchich blade 2" X 6"

PRODUCT NO

- TS/TR/SBB/01
TS/TR/SBB/02

*Blade size can be custom made as per requirement.



Fence Blade

Primary for abdominal wall retraction or heavy surgeries

DESCRIPTION

Fence Blade 4" X 4"
Fence Blade 4" X 5"
Fence Blade 4" X 6"
Fence Blade 4" X 8"

PRODUCT NO

TSTR065SS
TSTR066SS
TSTR067SS
TSTR068SS

Malleable Finger Blade

Primary for gentle organ retraction

DESCRIPTION

Malleable Finger Blade 3"
Malleable Finger Blade 4"
Malleable Finger Blade 5"

PRODUCT NO

TS/TR/FBB/01
TS/TR/FBB/02
TS/TR/FBB/03



Malleable Blade

Primary for soft tissue retraction and organ retraction

DESCRIPTION

Malleable Blade 1" X 4"
Malleable Blade 1" X 6"
Malleable Blade 1" X 8"
Malleable Blade 2" X 4"
Malleable Blade 2" X 6"
Malleable Blade 2" X 8"
Malleable Blade 3" X 8"
Malleable Blade 3" X 10"

PRODUCT NO

TS/TR/MMB/01
TS/TR/MMB/02
TS/TR/MMB/03
TS/TR/MMB/04
TS/TR/MMB/05
TS/TR/MMB/06
TS/TR/MMB/07
TS/TR/MMB/08

Richardson Blade

Primary for Abdominal wall retraction

DESCRIPTION

Richardson Blade 2" X 3"
Richardson Blade 2" X 4"
Richardson Blade 2" X 5"
Richardson Blade 2" X 6"

PRODUCT NO

TS/TR/RBB/01
TS/TR/RBB/02
TS/TR/RBB/03
TS/TR/RBB/04



*Blade size can be custom made as per requirement.



Deavers Blade

Primary for soft tissue retraction

DESCRIPTION

Deaver Blade 1" X 5"
Deaver Blade 2" X 5"
Deaver Blade 3" X 5"
Deaver Blade 4" X 5"
Deaver Blade 5" X 5"

PRODUCT NO

TS/TR/DBB/01
TS/TR/DBB/02
TS/TR/DBB/03
TS/TR/DBB/04
TS/TR/DBB/05

Concave Blade

Primary small incision wounds

DESCRIPTION

Concave blade 1/2" X 2"
Concave blade 1/2" X 3"
Concave blade 1/2" X 4"
Concave blade 1" X 2"
Concave blade 1" X 3"
Concave blade 1" X 4"

PRODUCT NO

TS/TR/CCB/01
TS/TR/CCB/02
TS/TR/CCB/03
TS/TR/CCB/04
TS/TR/CCB/05
TS/TR/CCB/01



Volkman Blade

Primary for Skin and muscle retraction

DESCRIPTION

Volkman Blade 1 X 1 1/2" Sharp
Volkman Blade 1 X 1 1/2" Blunt

PRODUCT NO

TS/TR/TB/01
TS/TR/TB/02

Doyens Blade

Primary small incision wounds

DESCRIPTION

- 1) Doyens blade 3" X 2"
- 2) Doyens blade 4" X 2"
- 3) Doyens blade 5" X 3"

PRODUCT NO

TS/TR/DDB/01
TS/TR/DDB/02
TS/TR/DDB/03



*Blade size can be custom made as per requirement.



Sterilization Tray

DESCRIPTION

- 1) Aluminium Tray with Mat 23" X 11" X 6"
- 2) Stainless Steel Tray with Mat 23" X 11" X 6"

PRODUCT NO

TS/TR/AT/01
TS/TR/SST/02



Special Features of Bookwalter Retractor

Faster, lighter and more efficient Closely mimics the natural movement of a hand-held retractors. Light weight components reduces the overall weight of the equipment which makes it easy to handle. Better visualization and exposure helps in performing good surgeries. Wide range of blade supports numerous surgical procedures. We also provide custom blade solutions as per requirements.



Feature 1

Main body unit locking - It requires minimum setup time while providing rigidity and strength with the integration of high quality light weight materials to handle any surgery.



Feature 2

The ratchets, designed for ergonomics and ease of use, allow positioning changes of blades to optimize visualization. This helps in better handling during surgery





Feature 3

The blades are attached with inter - changeable connectors.
This helps in attaching the required blade in a matter of seconds.



Feature 4

The many retractor blade styles provide optimal retraction in surgeries.





Components of Bookwalter Retractor



Main Body unit 18"
Article no. – TS/BWR/MBU/01



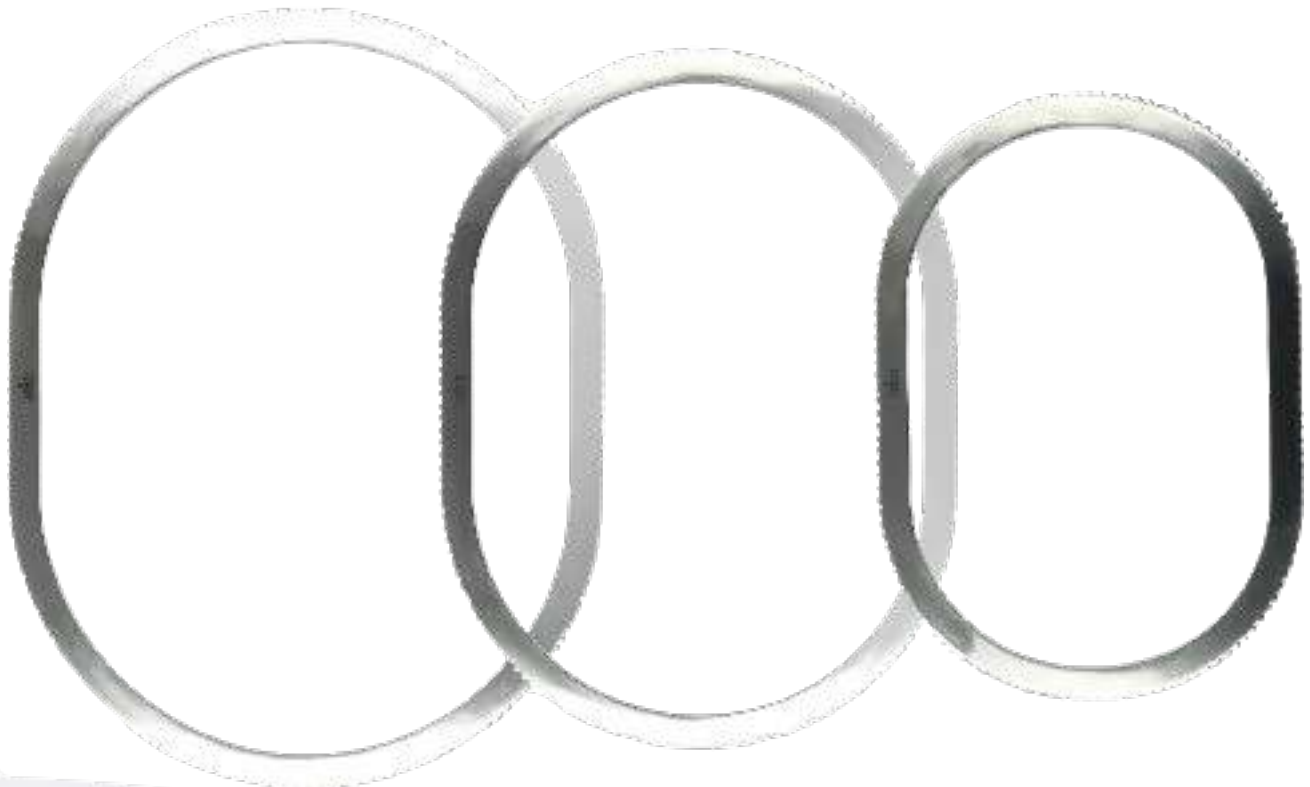
Lock Assembly
Article no – TS/BWR/LA/01





Horizontal bar

Product no – TS/BWR/RH/01



Oval ring, large

450mm X 350mm
Product no – TS/BWR/OR/03

Oval ring, medium

400mm X 300mm
Product no– TS/BWR/OR/02

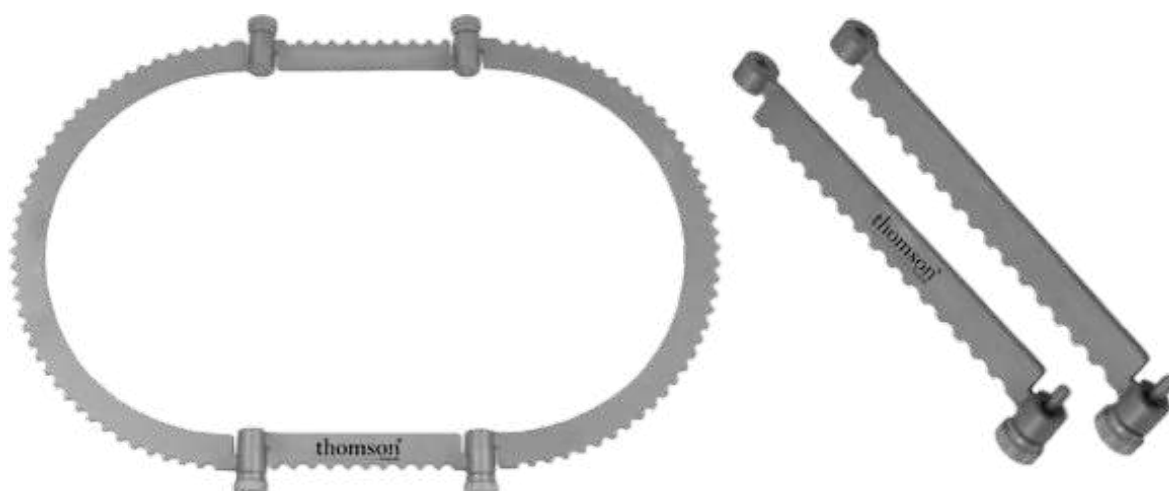
Oval ring, small

350mm X 250mm
Product no – TS/BWR/OR/01



Horizontal bar 360 degree multi angle

Product no – TS/BWR/RH/02



Segmented Ring

Product no – TS/BWR/SOR/04



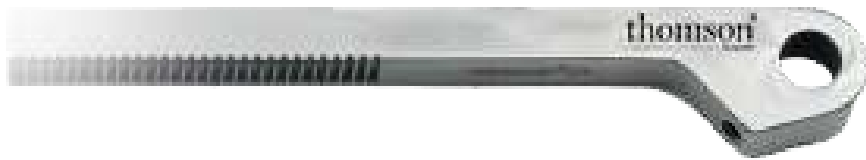
Ratchet Assembly

Product no – TS/BWR/RA/01



Ratchet Tilt Assembly

Product no – TS/BWR/RTA/02



Blade holder

Product no – TS/BWR/CTS/01



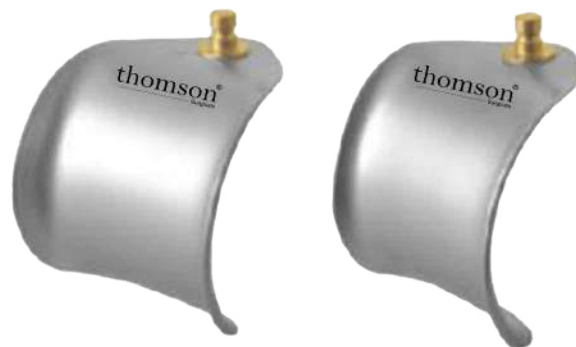
Sterilization tray

Product Number	Description	Length x Width x Height (in)
TS/TR/AT/01	Aluminium Tray with Mat	23 x 11 x 6
TS/TR/SST/02	Stainless Steel Tray with Mat	23 x 11 x 6



Balfour blades

Product Number	Width x Length (in)
TS/TR/BBB/01	2 x 3
TS/TR/BBB/02	3 x 3
TS/TR/BBB/03	3 x 4
TS/TR/BBB/04	3 x 5
TS/TR/BBB/05	3 x 6



TS/TR/BBB/01 - TS/TR/BBB/05

Harrington blades

Product Number	Width x Length (in)
TS/TR/HBB/01	2 1/2 x 4
TS/TR/HBB/02	2 1/2 x 6
TS/TR/HBB/03	2 1/2 x 8



TS/TR/HBB/01 - TS/TR/HBB/03

Kelly blades

Product Number	Width x Length (in)
TS/TR/KBB/01	1 1/2 x 1
TS/TR/KBB/02	2 1/2 x 2
TS/TR/KBB/03	3 1/2 x 3



TS/TR/KBB/01 - TS/TR/KBB/03

*Blade size can be custom made as per requirement.



No Lip



With Lip

TS/TR/SMB/01 - TS/TR/SMB/02

St. Marks Blade

Product Number	Width x Length (in)
TS/TR/SMB/01	2 x 5
TS/TR/SMB/02	2 x 7

Splanchich blades

Product Number	Width x Length (mm)
TS/TR/SBB/01	2 x 4
TS/TR/SBB/02	2 x 6



TS/TR/SBB/01 - TS/TR/SBB/02



TS/TR/FB/01 - TS/TR/FB/04

Fence Blades

Product Number	Width x Length (mm)
TS/TR/FB/01	4 x 4
TS/TR/FB/02	4 x 5
TS/TR/FB/03	4 x 6
TS/TR/FB/04	4 x 8

*Blade size can be custom made as per requirement.



Malleable Blade



TS/TR/MB/01 - TS/TR/MB/08

Product Number	Width x Length (in)
TS/TR/MB/01	1 x 4
TS/TR/MB/02	1 x 6
TS/TR/MB/03	1 x 8
TS/TR/MB/04	2 x 4
TS/TR/MB/05	2 x 6
TS/TR/MB/06	2 x 8
TS/TR/MB/07	3 x 8
TS/TR/MB/08	3 x 10

Richardson Blade

Product Number	Width x Length (in)
TS/TR/RBB/01	2 x 3
TS/TR/RBB/02	2 x 4
TS/TR/RBB/03	2 x 6
TS/TR/RBB/04	2 x 8



*Blade size can be custom made as per requirement.

TS/TR/RBB/01 - TS/TR/RBB/04



TS/TR/DBB/01 - TS/TR/DBB/05

Deavers Blade

Product Number	Width x Length (in)
TS/TR/DBB/01	1 x 5
TS/TR/DBB/02	2 x 5
TS/TR/DBB/03	3 x 5
TS/TR/DBB/04	4 x 5
TS/TR/DBB/05	5 x 5

Concave Blade

Product Number	Width x Length (in)
TS/TR/CCB/01	1/2 x 2
TS/TR/CCB/02	1/2 x 3
TS/TR/CCB/03	1/2 x 4
TS/TR/CCB/04	1 x 2
TS/TR/CCB/05	1 x 3
TS/TR/CCB/06	1 x 4



TS/TR/CCB/01 - TS/TR/CCB/06



TS/TR/TB/01 - TS/TR/TB/02

Harrington blades

Product Number	Tip	Width x Length (in)
TS/TR/TB/01	SHARP	1 x 1 1/2
TS/TR/TB/02	BLUNT	1 x 1 1/2

Doyens blades

Product Number	Width x Length (in)
TS/TR/DDB/01	3 x 2
TS/TR/DDB/02	4 x 2
TS/TR/DDB/03	5 x 3



TS/TR/DDB/01 - TS/TR/DDB/03

*Blade size can be custom made as per requirement.



Feature 1

Retraction can be made infinitely adjustable to allow a precise retraction.



Feature 2

Our Rochardson retractor is easy to mount on all operation tables and adjustable also for wider tables.



Feature 3

Standard retractors provide a two dimensional retraction whereas our Rochardson retractor retracts sidewise and lifts the thorax at the same time.



Feature 4

Blades can be adapted to each indication and patient individually, supported by a wide variety of blades.





Feature 5

The three-dimensional retraction gives excellent access even to the deeper abdomen as required for pancreas surgeries and others.

Feature 6

The retractors are manufactured of highest quality stainless steel which provides unrivalled quality and our workmanship in manufacturing the retractor is an accumulation of years of experience and quality control.





Components of Rochardson Retractor

Rail clamp TS/RR/RC/01

They are attached to the table and help in holding the side bars in place as per the desired height.



Side bar TS/RR/SB/01

They help in providing a rigid platform to hold the center rod in place. They consist of hooks on the side to hook any blades from the side profile.



Center Bar TS/RR/CB/01

The center bar is attached to the side bars with the help of a nut and bolt system keeping the center bar locked in place to help retract the body.

Center hook TS/RR/CH/01

Center hook is inserted on the center bar to hook the blades for retraction. Any number of hooks can be used as per requirement and the hooks are locked in place with the help of a wing screw.



Balfour blade 1
TS/RR/BB/01



Double angled blades
TS/RR/MAB/01



Balfour blade 2
TS/RR/BB/02 x 2 Unit

Blades

All blades are attached to a stainless steel chain to hook the blade onto the side or center bar and there is a wide range of blades to choose from.

*Blade size can be custom made as per requirement.



The Pozzi retractor is a surgical instrument designed for gynecological procedures. It is specifically used in surgeries involving the vagina and cervix. The retractor consists of blades that are inserted into the vaginal canal to hold back the vaginal walls, allowing the surgeon better visualization and access to the area. The Pozzi retractor aids in maintaining a clear and controlled surgical field during gynecological interventions.

Blades

Product Number

Dimensions

TS/PR/BL/01

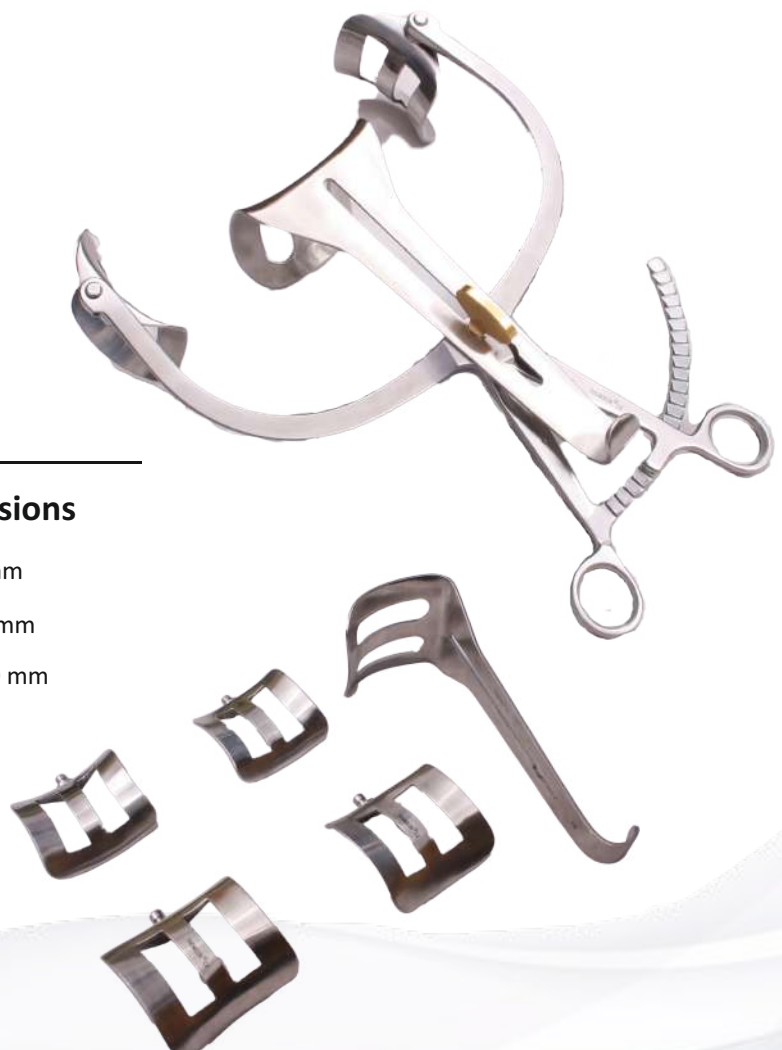
80 x 67 mm

TS/PR/BL/02

100 x 80 mm

TS/PR/BL/03

100 x 150 mm



*Blade size can be custom made as per requirement.



The Balfour retractor is a self-retaining abdominal retractor commonly used in abdominal and pelvic surgeries. It consists of blades that are inserted into the abdominal incision and then spread apart to hold back the abdominal wall, providing a clear view and access to the internal organs. The Balfour retractor helps maintain exposure during procedures like laparotomies, allowing surgeons to work effectively within the abdominal cavity.



Blades



Product Number	Dimensions
TS/BFR/BL/01	40 x 80 mm
TS/BFR/BL/02	25 x 80 mm
TS/BFR/BL/03	55 x 80 mm
TS/BFR/BL/04	60 x 65 mm

*Blade size can be custom made as per requirement.



Blades

Product Number	Dimensions	QTY
TS/JR/BL/01	80 x 47 mm	2
TS/JR/BL/02	80 x 75 mm	2
TS/JR/BL/03	80 x 104 mm	2



Centre Blades

Product Number	Dimensions	Type
TS/JR/BL/01	55 x 125 mm	2

A Javali retractor is a surgical instrument used to hold back tissues during medical procedures, providing better visibility for the surgeon. It's commonly employed in various surgeries, such as abdominal or thoracic procedures, to keep tissues and organs away from the surgical site. The retractor helps create a clear and accessible area for the surgeon to work, facilitating a more controlled and efficient operation.

*Blade size can be custom made as per requirement.



Scan to know more

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