



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.tic.in (Tender).

Reference No: **J-11031(036)/2021-22/5&P**

Dated: **24/07/2021**

Sub: Procurement of "Self Retaining Multi Purpose Abdominal and Pelvic Retractor System (Make: Thompson Surgical Instruments Inc. USA)" for the Department of T&E and General Surgery at AIIMS, Bhubaneswar on Proprietary basis - Inviting Comments thereon.

The Department of T&E and General Surgery of AIIMS, Bhubaneswar has requested for Procurement of "Self Retaining Multi Purpose Abdominal and Pelvic Retractor System (Make: Thompson Surgical Instruments Inc. USA)" through M/s Ultimate Medical Devices New Delhi, Authorized distributor of M/s Thompson Surgical Instruments Inc. USA.

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to aso@aiimsbhubaneswar.edu.in, aso.mpattnaik@aiimsbhubaneswar.edu.in, spo@aiimsbhubaneswar.edu.in and sp_helpdesk@aiimsbhubaneswar.edu.in so as to reach on or before date: **09-08-2021** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no. – **J-1148(091)/2020-21/5&P dt:24-07-2021**, due on dated: **09-08-2021** should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from indenting Officer of Dept. of T&E, AIIMS, Bhubaneswar. **Annexure-I.**
2. PAC of M/s Thompson Surgical Instruments Inc. USA for Self Retaining Multi Purpose Abdominal and Pelvic Retractor System **(Annexure-II).**
3. Certificate of Authorization, Price quotation and Warranty Certificate for Self Retaining Multi Purpose Abdominal and Pelvic Retractor System **(Annexure-III).**
4. Technical Boucher of the items **(Annexure-IV).**

Copy to:

1. Indenting Officer, Dept. of T&E and General Surgery:
2. PS to DOA
3. Accounts Officer
4. IT Cell

for kind information please
for kind information please.
for information please
for hosting in the website.


Sr. Procurement Cum Stores Officer
AIIMS, Bhubaneswar

AIIMS, BHUBANESWAR

Proprietary Article Certificate
Valid for the Current Financial Year

2

File No. and Date Reference :			
1	Description of article	Self retaining sutures & surgical instrument	
2	Forecast of quantity/annual requirement	no.	
3	Approximate estimated value for above quantity	35 lakh	
4	Maker's name and address	thompson Surgical Instrument USA	
5	Name(s) of authorized dealer/ stockist	Ultimate Medical Devices.	
I approve the above purchase in PAC form and certify that: (Note: Tick or retain only one out of (i), (ii) or (iii) whichever is applicable and cross out others. Please do confirm (ii) by ticking it - without which PAC certificate will be invalid)			
6	This is the only firm who is manufacturing / stocking this item.	✓	
7	A similar article is not manufactured / sold by any other firm, which could be used in- lieu OR	✓	
8 (i)	No other make/brand will be suitable for following tangible reasons (like GI No/ Warranty, spares,) OR		
8 (ii)	No other make/brand will be suitable for following intangible reasons (If PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR		
7		Reference of similar purchase of financial wing to the proposal :	
History of PAC Purchase of this item for past three years may be given below:			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
Nil	Nil		

Signature of Approving Authority

Date

Dr. Manish Ranjan Samal
Professor & Head
Dept. of Surgery
AIIMS Bhubaneswar-751019

Signature of the Initiating Officer

Dr. Pankaj Kumar
Associate Professor
Dept. of General Surgery
AIIMS Bhubaneswar-751019

Proprietary Article Certificate

Valid for the Current Financial Year

File No. and Date Reference :			
1	Description of article	Self retaining multi purpose abdominal & pelvic retractor	
2	Forecast of quantity / annual requirement	01 Set	
3	Approximate estimated value for above quantity	Rs. 35,00,000/-	
4	Maker's name and address	Thomson Surgical Instrument, USA	
5	Name(s) of authorized dealers/ stockist	M/s Ultimate Medical Services 19/27 Floor, Guna Nand Market, Lajpat Nagar IV New Delhi- 26	
6	I approve the above purchase on PAC basis and certify that :- Note: Tick to retain only one out of (a), (b) or (c) whichever is applicable and cross out others. Please do confirm (i) by ticking (a) - within which PAC certificate will be issued.		
6(a)	This is the only firm who is manufacturing / stocking this item		☒
AND			
6(b)	A similar article is not manufactured / sold by any other firm, which could be used in lieu of		☒
6(c)	No other make/brand will be suitable for following tangible reasons like OEM/ Warranty, spares, etc.		
6(d)	No other make/brand will be suitable for following intangible reasons (If PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) - OR		
7	Reference of concurrence of finance wing to the proposal		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order / Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Required if Any

Signature of Approving Authority :

Date :

Designation of Officer :

Signature of the Approving Authority
Dr. Tinku S. Mishra
Professor & Head
Dept. of Trauma & Emergency
AIIMS, Bhubaneswar- 751014

June 01, 2021

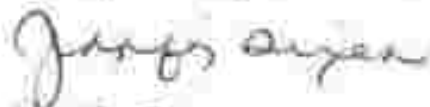
PROPRIETARY CERTIFICATE

This is to certify that all Thompson Surgical products, namely the Thompson Retractors with Quick-Frame and Cam-Type Joints, as well as the list below, are the proprietary products of Thompson Surgical and are exclusively manufactured by Thompson Surgical Instruments, Inc., at 10170 E. Cherry Bend Road, Traverse City, Michigan, 49684 - USA and any of the Thompson product cannot be imitated or copied by any other manufacturer/firm, or person anywhere in world.

Crank retractor handle US 8696562 B2
Crank retractor handle US 7338442 B2
Low profile surgical retractor US 8753272 B2
Adjustable rail clamp with clamp locking device US 8617064 B2
Surgical retractor angling device US 8360971 B2
Surgical retractor with locking blade US 8257255 B2
Surgical retractor having locking interchangeable blades US 5984865 A
Adjustable rail clamp US 8100827 B2
Posterior lumbar retractor system US 9241619 B2
Chirurgisches Retraktor system DE 19936570 B4
Cross bar for a surgical retractor system US 6511423 B2
Retractor system for anterior cervical spine surgery US 9320506 B2
Universal scissors joint apparatus US 7749163 B2
Angling surgical retractor apparatus and method of retracting anatomy US 5902233 A
Cam tightened universal joint clamp US 6017008 A
Retractor System having an articulated frame WO201619/683A1
Surgical Retractor having clamping mechanism US20/70042527A1
Surgical retractor with asymmetric blade US20170065268A1

The entire range of Thompson products is promoted by Ultimate Medical Devices having its office at 19, ^{2nd} Floor, Guru Nanak Market, Lajpat Nagar - IV, New Delhi - 110 024, exclusively in North & North-East India.

For and on behalf of
Thompson Surgical Instruments, Inc.



Jennifer Dixon
Office Manager
International Customer Service
Thompson Surgical Instruments, Inc.





7-January-2021

TO WHOM IT MAY CONCERN

I hereby confirm that our longtime and trusted partners “Ultimate Medical Devices – New Delhi” are Thompson Surgical’s exclusive authorized dealer for North & Eastern Indian regions, i.e. Jammu & Kashmir, Himachal Pradesh, Rajasthan, Punjab, Haryana, UT of Chandigarh, Delhi, Uttar Pradesh, Uttarakhand, Chhattisgarh, Bihar, Jharkhand, West Bengal, Orissa, Assam, Meghalaya, Tripura, and Manipur - designated ‘India North’ territory.

Ultimate Medical Devices – New Delhi is Thompson’s exclusive authorized dealer for the states mentioned above. If sales, other than those that fall under national tenders or other agreed upon circumstances, are obtained through any other Thompson dealer in India North, Thompson will not be able to fulfil said unauthorized sales due to contractual terms.

Should you have any concern, please feel free to contact me any time on mail ID : lydia.graham@thompsonsurgical.com

This authorization is valid up to December 31, 2022.

Best regards,

A black and white image of a handwritten signature, which appears to be "Lydia Graham", written in dark ink on a light background.

Lydia Graham
International Sales Manager
Thompson Surgical Instruments, Inc.

ULTIMATE MEDICAL DEVICES

19, 2nd Floor, Gurgaon Road, Sector 14, Gurgaon, Haryana 122 002, INDIA
Phone # 011-2622 9422, 4172 9133, 4172 9134
e-mail: info@umdfac.com, Website: www.umdfac.com



Ref # JSK/GC/2021-22/T/0111
June 30, 2021

The Director,
All India Institute of Medical Sciences,
Sijua (Patrapada),
Post - Dumaduma,
BHUBANESWAR - 751 019,
ODISHA.

Procurement of "Self-Retaining Multi-Purpose Abdominal and Pelvic Retractor System" under Proprietary Basis for the Department of Surgery and Trauma & Emergency" Due on July 08, 2021.

Dear Sir,

With reference to your above enquiry, we are pleased to enclose herewith our offer for the procurement of "CE & FDA Certified Self-Retaining Multi Purpose Abdominal and Pelvic Retractor System" manufactured by Thompson Surgical Instruments INC - USA.

QUALITY: Awareness of quality is not only documented in the quality management system according to CE Certificate of Conformity with European Director and Food & Drug Administration (FDA) from Department of Health & Human Services but it is also practiced every day in careful quality control. All "TSI" products are delivered with a surface free from any reflection (glass bead blasted). Additionally, all the products are clearly marked with brand name, CE Sine, Cat No and Country of Origin.

PRICE DECLARATION: We hereby declare and confirm that prices offered by us are true and correct and are effective on date.

GUARANTEE PERIOD: All the quoted instruments are guaranteed for a period of 5-years against manufacturing defects & workmanship. Any instruments/component found defective during this period, shall be replaced/repaired free of charge.

AMC / CMC: Not Applicable for surgical instruments but as per the terms & conditions of the tender we accept this clause.



PAYMENT: We accept your payment terms.

DELIVERY PERIOD: The quoted items will be supplied within 30-60 Production Days, upon receipt of Confirm Purchase Order.

CUSTOMS DUTY: Included with quoted prices.

INSTALLATION: No installation charges will be claimed extra and it is our responsibility to install the same at consignee's end and satisfy the end users.

COMPANY STATUS : Proprietorship
Name of Proprietor : Mr. Raghav Dutt

BANK DETAILS :
Bank : HDFC Bank Ltd.
Address : A-9, Ring Road,
Lajpat Nagar - IV,
New Delhi - 110 024
Account Type: Current
Account No: 0294 232 0000746
IMAR NO: 110240040
RTGS/NEFT NO: HDFC0000294

Should you require any further clarification/information please do let us know.

Thanking you & assuring you of our best services & full co-operation at all times.

Faithfully yours,
For **ULTIMATE MEDICAL DEVICES.**



Encl: n/a

ULTIMATE MEDICAL DEVICES

19, 2nd Floor, Cami Road, Market, Jagat Nagar, 22, New Delhi, 110 024, INDIA
 Phone # 9111-2822 9422, 4172 9155, 4172 9156
 e-mail: info@umindia.com Website: www.umindia.com

**QUOTATION / PROFORMA INVOICE**

Offer No: ISK/2021-22/T/00103
 Dated: June 29, 2021
 Tender No: Proprietary Bid
 Dated: June 26, 2021

BUYER:

The Director,
 All India Institute of Medical Sciences,
 Sijua (Patrapada)
 Post - Dumuduma
BHUBANESWAR - 751 019
 ODISHA

MANUFACTURER:

Thompson Surgical Instruments Inc
 10170 E Cherry Bend Road,
Traverse City, MI 49684
 U.S.A.

POS	ARTICLE	DESCRIPTION	HSN	QTY	UNIT PRICE	TOTAL
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**ADVANCED SURGICAL EXPOSURE
 SYSTEM FOR GENERAL SURGERY :**

RUPEE PAYMENT

		Thompson Advanced Surgical Exposure System		1	38,38,025.00	38,38,025.00
1	41903AC	Blow II Rail Clamp w/2 Cam joints 18"	9018	2		
2	41900PH	39" Bilateral Crossbar Hinged (11 1/2x8 1/2x11 1/2)	9018	1		
3	41900BC	Crossbar w/2 Cam joints 25"	9018	1		
4	44110S	10" Angled Arm B" x 10" @45°	9018	2		
5	44124N	24" Angled Arm B" x 16" @45°	9018	2		
6	SL4112SP	Lower Abdominal Ilia 14" x 6"	9018	1		
7	SL45006CA	S-Lock Micro-60 II Cap-on Angling 10"	9018	3		
8	SL45007CA	S-Lock Micro-60 II Cap-on Angling 7 1/2"	9018	2		
9	SL42120WA	S-Lock Cam II Angling Handle B"	9018	2		



10	SL45006/CAR	S-Lock Micro-Adjust Clip-on Angling 15°	9018	2		
11	50003BL	Instrument Case 26" x 16" x 5"	9018	2		
12	43032	Angling Head Wrench	9018	1		
13	5046140C	Balfour 70mm x 73mm w/o Lips - SL	9018	2		
14	5046141C	Balfour 83mm x 73mm w/o Lips - SL	9018	2		
15	5046241A	Balfour 83mm x 57mm (3 1/4" x 2 1/4") SL	9018	2		
16	5046129	Kelly 64mm x 76mm - SL	9018	1		
17	5046130	Kelly 76mm x 89mm - SL	9018	1		
18	SL46160	Harrington 64mm x 152mm - SL	9018	1		
19	SL45174	Deaver 54mm x 127mm (2" x 5") - SL	9018	1		
20	SL45191	Malleable Finger 6" - SL	9018	1		
21	SL45122	Malleable 51mm x 203mm - SL	9018	1		
22	SL46151	Richardson 51mm x 127mm (2" x 5") - SL	9018	1		
23	5044108	St. Marien 64mm x 124mm w/Lip - SL	9018	1		
		Total Value			Rs	28,38,625.00
		Add GST @ 12%			Rs	3,40,635.00
		TOTAL VALUE			Rs	31,79,261.00

Total Rupees Thirty One Lacs Seventy Nine Thousand Two Hundred Sixty One Only

STANDARD TERMS & CONDITIONS:

Validity: Upto December 31, 2021

Payment : 100% Against Delivery of Goods

Delivery Period : Within 6 Week upon receipt of Purchase Order

Guarantee: 5-Years against Mfg Defects & workmanship

Customs Duty : Included

Customs Clearance : Our Responsibility

Country of Origin: United States of America

Port of Shipment : Any port in USA

Port of Landing: New Delhi International Airport

Installation : Free of Charge

FOR ULTIMATE MEDICAL DEVICES



Thompson Retractor



Uncompromised Exposure™



Product Catalog

15TH EDITION

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NEW Thompson Retractor Features

Faster, Lighter, More Efficient

Thompson's Elite Rail Clamp, unilateral crossbar, and retractor handles have all been updated for improved performance and ease of use.



Thompson is dedicated to providing the most forward thinking, proven, and high quality features.



Elite III Rail Clamps

Sterile, quick tightening knob locks rail clamp to bed securely in half the time, when compared with the Elite II Rail Clamp, while lightweight base design reduces overall weight by 1 pound.



Quick Angle Handles

Versatile, low-profile positioning of blades helps maintain a low-profile operating field and achieve better exposure. Blades can be toed in or out 45° with a T-Handle.



Improved Cam Joints

Now easier to lock and unlock, Cam II Clip-on Handles have been upgraded to include comfort "pinch" joints for easier removal from the frame.



NOTICE:

Elite II Rail Clamps and Angling Handles still available, but may require a longer lead time. Please call for more information.

Retractor Frame Components

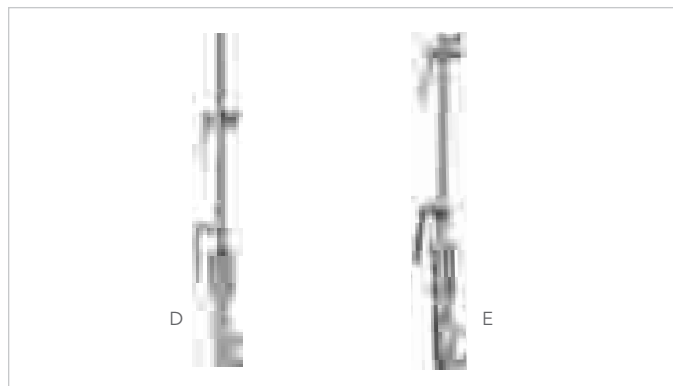
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**ELITE III RAIL CLAMPS (CURRENT)**

REF	ITEM DESCRIPTION	PART #
A	Elite III Rail Clamp 11" (25cm) with 1 Cam Joint	43902ACS
	Elite III Rail Clamp 16" (41cm) with 1 Cam Joint	43902ACL
B	Elite III Rail Clamp 18" (45cm) with 1 Cam Joint	43902AC
	Elite III Rail Clamp 11" (25cm) with 1 (3/8") Cam Joint	43902S
	Elite III Rail Clamp 18" (45cm) with 2 Cam Joints	43903AC
	Elite III Rail Clamp 16" (41cm) with 2 Cam Joints	43903ACL
	Elite III Rail Clamp 22" (55cm) with 1 Cam Joint	43904AC
	Elite III Rail Clamp 22" (55cm) with 2 Cam Joints	43905AC
	Elite III Rail Clamp 26" (65cm) with 1 Cam Joint	43906AC
	Elite III Rail Clamp 26" (65cm) with 2 Cam Joints	43907AC

OLDER GENERATION ELITE RAIL CLAMPS

REF	ITEM DESCRIPTION	PART #
C	Elite II Rail Clamp 11" (25cm) with 1 Cam Joint	41902ACS
	Elite II Rail Clamp 16" (41cm) with 1 Cam Joint	41902ACL
	Elite II Rail Clamp 18" (45cm) with 1 Cam Joint	41902AC
	Elite II Rail Clamp 11" (25cm) with one 3/8" Cam Joint	41902S
	Elite II Rail Clamp 18" (45cm) with 2 Cam Joints	41903AC
	Elite II Rail Clamp 16" (41cm) with 2 Cam Joints	41903ACL
	Elite II Rail Clamp 22" (55cm) with 1 Cam Joint	41904AC
	Elite II Rail Clamp 22" (55cm) with 2 Cam Joints	41905AC
	Elite II Rail Clamp 26" (65cm) with 1 Cam Joint	41906AC
	Elite II Rail Clamp 26" (65cm) with 2 Cam Joints	41907AC

**INFINITE HEIGHT RAIL CLAMPS (IHRC) (CURRENT)**

REF	ITEM DESCRIPTION	PART #
D	IHRC with 1 Cam Joint 11" - 22"	43902IRC
	IHRC with 2 Cam Joints 11" - 22"	43903IRC

OLDER GENERATION IHRC'S

REF	ITEM DESCRIPTION	PART #
E	IHRC with 1 Cam Joint 11" - 22"	41902IRC
	IHRC with 2 Cam Joints 11" - 22"	41903IRC



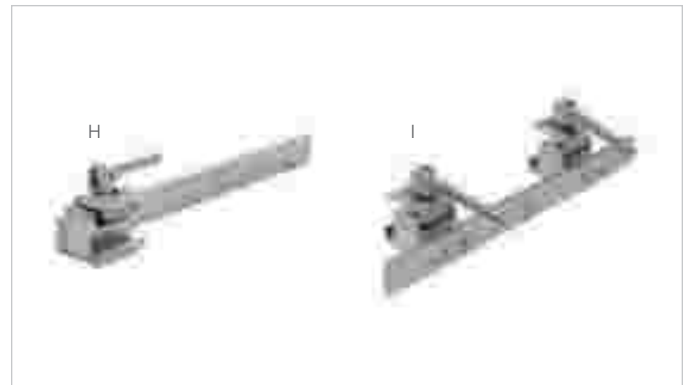
OLDER GENERATION RAIL CLAMPS

REF	ITEM DESCRIPTION	PART #
F	Power Rail Clamp	41950



TABLE ADAPTER (CURRENT)

REF	ITEM DESCRIPTION	PART #
G	Jackson Spine Frame Adapter	41927



RAIL EXTENDERS (CURRENT)

REF	ITEM DESCRIPTION	PART #
H	Rail Extender 15" Single Clamp	5844
	Rail Extender 15" Single Clamp (reverse of 5844)	5844B
	Rail Extender 20" Single Clamp	41938
I	Rail Extender 14" Long with 2 1/4" Offset Dual Clamp	41917
	Rail Extender 22" Dual Clamp	41929

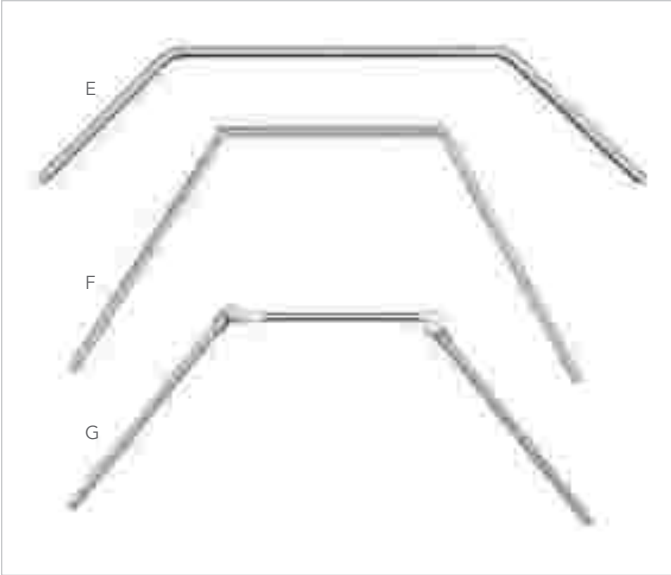


UNILATERAL CROSSBARS (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	Crossbar with 2 Cam III Joints 24" (11" x 13")	43900BC
	Crossbar with 2 Cam III Joints 24" (8" x 16")	43900BCW
B	Crossbar with 2 Cam III Joints (7" x 19 1/2") (in Hip System)	43990
C	Crossbar with 1 Cam III Joint Mini-Incision (in Kidney System)	43800

OLDER GENERATION UNILATERAL CROSSBARS

REF	ITEM DESCRIPTION	PART #
D	Crossbar with 2 Cam Joints 24" (11" x 13")	41900BC
	Crossbar with 2 Cam Joints 24" (8" x 16")	41900BCW
	Crossbar with 2 Adjustable Cam Joints 24"	41900BAC
	Crossbar with 2 Cam Joints (7" x 19 1/2") (in Hip System)	41990
	Crossbar with 1 Cam Joint Mini-Incision (in Kidney System)	44800

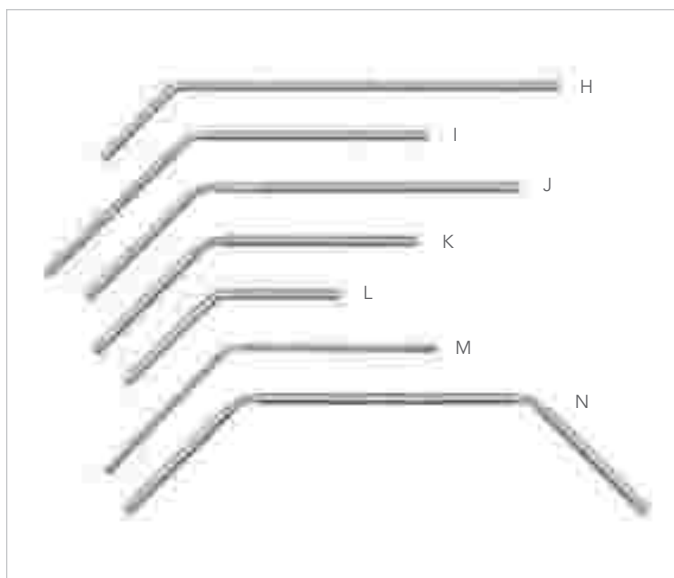


BILATERAL CROSSBARS (CURRENT)

REF	ITEM DESCRIPTION	PART #
E	Bilateral Crossbar 7 1/4" x 13 1/2" x 7 1/4"	41900F
F	34" Bilateral Crossbar Hinged 11 1/2" x 8 1/2" x 11 1/2"	41900PH
	41 1/2" Bilateral Crossbar Hinged 14 1/2" x 10" x 14 1/2"	41900PHL

OLDER GENERATION BILATERAL CROSSBARS

REF	ITEM DESCRIPTION	PART #
G	34" Bilateral Crossbar Hinged 11" x 8 1/2" x 11"	41900H
	41 1/2" Bilateral Crossbar Hinged 14" x 10" x 14"	41900HL
	Bilateral Crossbar with 2 Joints	41900FC

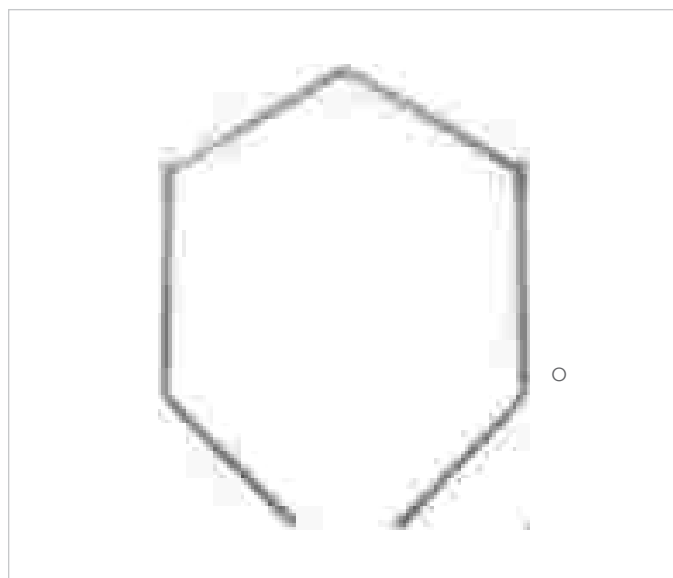


ANGLED LATERAL ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
H	26" (6" x 20") (15cm x 50cm)	44126
I	24" (11" x 13") (28cm x 33cm)	44124W
J	24" (8" x 16") (20cm x 40cm)	44124N
	20" (10" x 10") (25cm x 25cm)	44120
K	18" (8" x 10") (20cm x 25cm)	44118N
	17" (7" x 10") (25cm x 18cm)	44117N
L	12" (6" x 6") (15cm x 15cm)	44014S
	19" (12" x 7") 3/8" Rod	44119
M	17" (7" x 10") 3/8" Rod	44117
	Double Angled Arm 22" (7" x 9" x 7")	44122DB
N	Double Angled Arm 28" (7 1/4" x 13 1/2" x 7 1/4")	44128DB

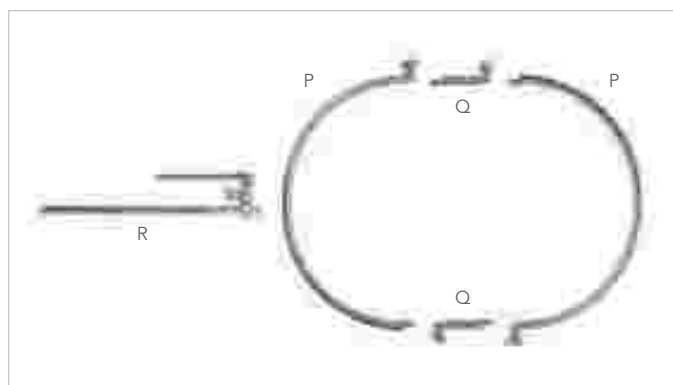
OLDER GENERATION ANGLED LATERAL ARMS

REF	ITEM DESCRIPTION	PART #
	12" (30cm)	44014
	12" (30cm)	44014N
	24" (61cm)	44124



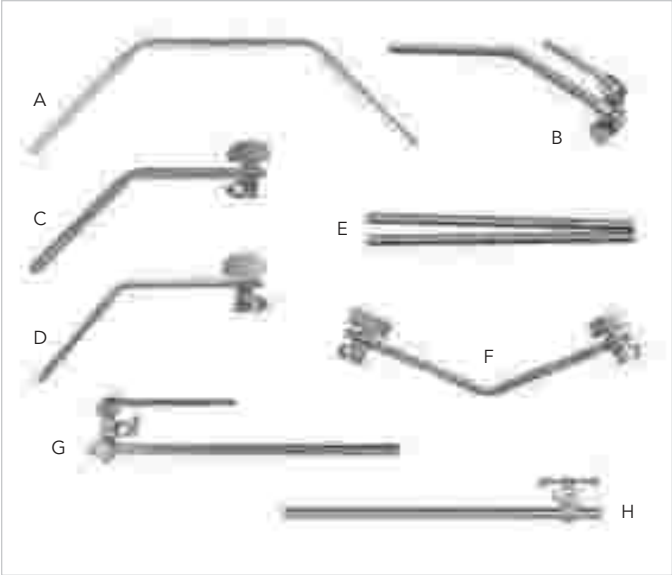
LOWER ABDOMINAL BARS (CURRENT)

REF	ITEM DESCRIPTION	PART #
O	Lower Abdominal Bar 14" x 6"	44112SP
	Lower Abdominal Bar 10" x 8"	44111SP
	Lower Abdominal Bar 10" x 6"	44110SP



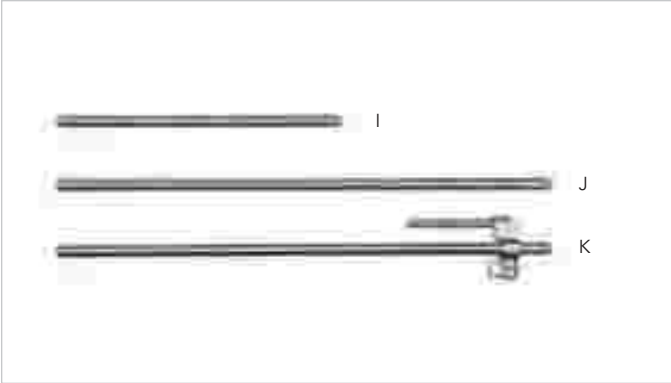
HINGED RING (CURRENT)

REF	ITEM DESCRIPTION	PART #
P	Ring Half Hinged 14 1/2" (2 required for use.)	44218
Q	Ring Extension 3" (2 required for use.)	44220
R	Extension Arm 14" with Cam Latch Mount	44614LC



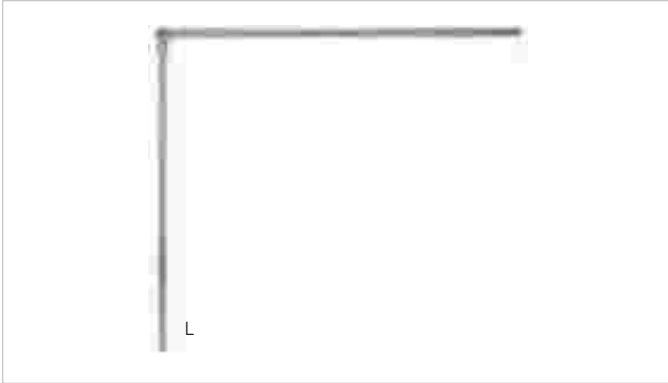
EXTENSION ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	Extension Arm 7 1/2" x 8 1/2" x 7 1/2" (in Kidney System)	44200
B	Extension Arm 12" with Cam Latch Joint	44014LC
C	Extension Arm 12" with Hinge Joint	44014HS
D	3/8" Extension Arm 12" with Hinge Joint	44014H
E	Hinged Extension Arm 12" x 12" (30cm x 30cm)	44115
	Angled Closure Arm 9" (4 1/2"x 4 1/2")	44109B
F	Angled Closure Arm 13" (6 1/2"x 6 1/2")	44113B
	Angled Closure Arm 18" (9"x 9")	44118B
	Angled Closure Arm 21" (10 1/2"x 10 1/2")	44121B
G	Extension Arm 14" with Cam Latch Mount	44614LC
H	Extension Arm 14" with Clip Joint	44014C
	Extension Arm 16" with Clip Joint	44016C
	Extension Arm 20" with Clip Joint	44020C



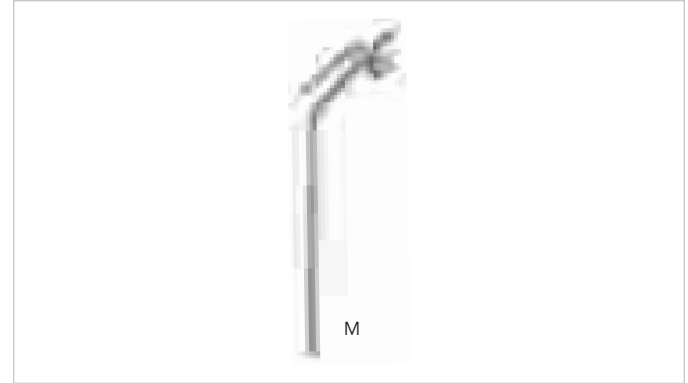
STRAIGHT ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
I	Straight Arm 12" (30cm)	44012N
J	Straight Arm 20" (50cm)	44120N
	Straight Arm with 1 Cam Joint 18"	44118C
K	Straight Arm with 1 Cam Joint 20" (50cm)	44120C



90° ROD (CURRENT) *

REF	ITEM DESCRIPTION	PART #
L	90° Collapsible Rod with Grooves	44734



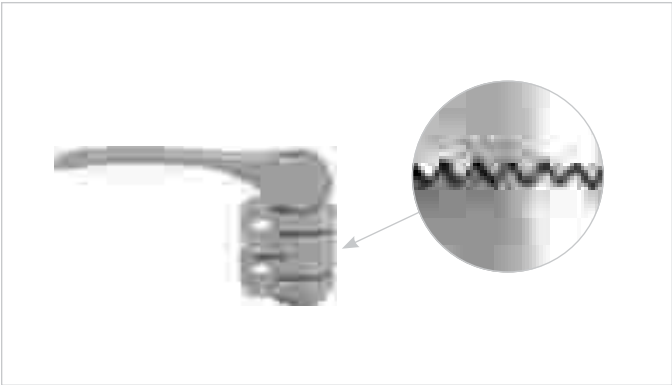
OLDER GENERATION UPRIGHT ARMS

REF	ITEM DESCRIPTION	PART #
M	Upright Arm 20"	44646C
	Upright Arm with Universal Joint 20"	44646N

OLDER GENERATION 90° RODS

REF	ITEM DESCRIPTION	PART #
	90° Collapsible Rod with 1 Cam Joint 14" x 19"	44733C
	90° Collapsible Rod with 1 Cam Joint 17" x 19"	44733AC
	90° Collapsible Rod with 1 Cam Joint 21" x 21"	44733BC
	90° Collapsible Rod 14" x 19"	44733
	90° Collapsible Rod 17" x 19"	44733A
	90° Collapsible Rod 21" x 21"	44733B
	90° Rigid Rod 14" x 19"	40733
	90° Rigid Rod 17" x 19"	40733A
	90° Rigid Rod 21" x 21"	40733B
	90° Rigid Rod 10" x 20"	40732
	Extension Arm 90° 10" x 6"	44643

* Current only as part of the Body Contouring System.



CAM III SERRATED SLIDE-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Cam III Serrated Slide-on Joint ½" x ½" *	43112C



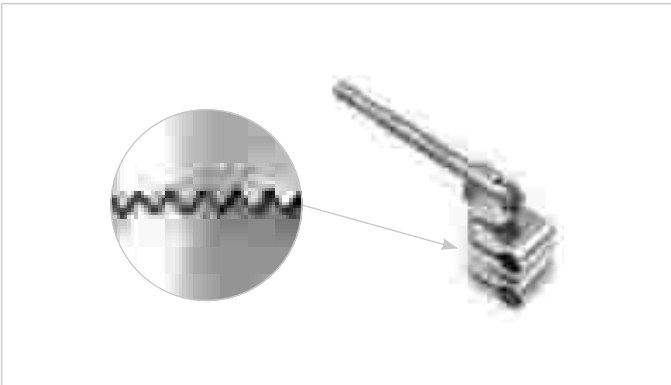
CAM I SLIDE-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Cam I Slide-on Joint ½" x ½"	42110C



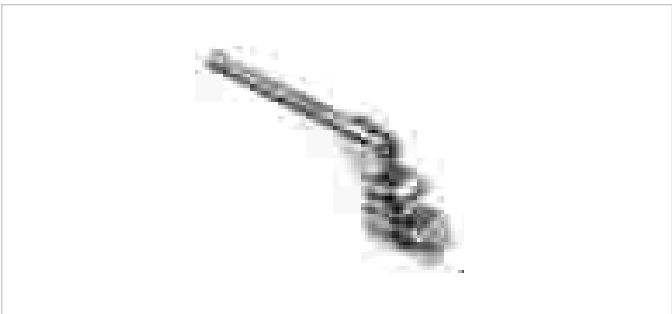
OLDER GENERATION CAM II SLIDE-ON JOINT

ITEM DESCRIPTION	PART #
Cam II Slide-on Joint ½" x ½"	42110S



OLDER GEN. CAM I SERRATED SLIDE-ON JOINT

ITEM DESCRIPTION	PART #
Cam I Serrated Slide-on Joint ½" x ½" *	42112C



OLDER GENERATION LATCH CAM JOINT

ITEM DESCRIPTION	PART #
Latch Cam Joint ½" x ½"	42111LC



OLDER GENERATION SLIDE-ON JOINT

ITEM DESCRIPTION	PART #
Slide-on Joint ½" x ½"	42110N

* Joint is too wide to slide over elbows on angled arms.



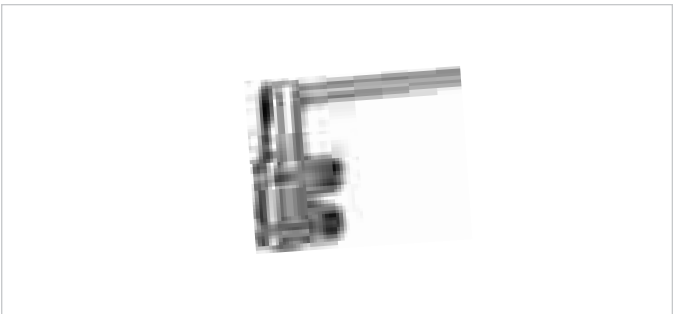
OLDER GENERATION LATCH JOINT

ITEM DESCRIPTION	PART #
Latch Joint 1/2" x 1/2"	42111LN



OLDER GENERATION ONE PIECE UNIVERSAL JOINT

ITEM DESCRIPTION	PART #
Hinged 1/2" x 1/2"	42111H



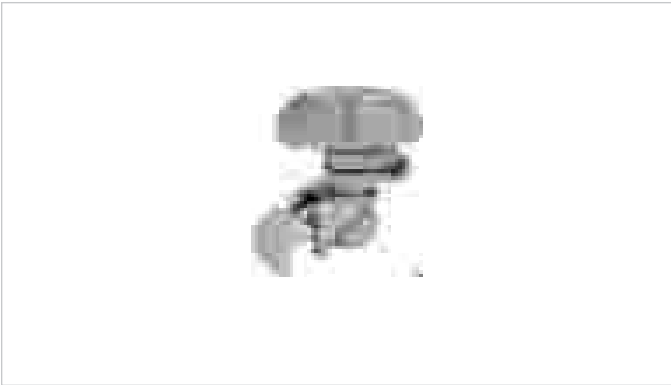
OLDER GENERATION SERRATED UNIVERSAL JOINT

ITEM DESCRIPTION	PART #
Slide-on 1/2" x 1/2" *	42112N



CAM II CLIP-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Cam II Low Profile Clip-On Joint ½" x ¼"	42126C



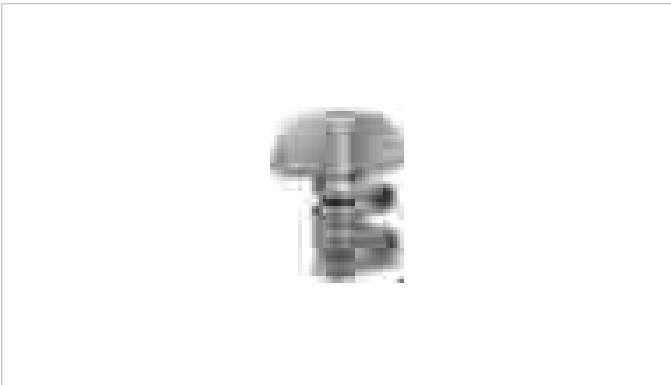
UNIVERSAL CLIP-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Clip-On Joint ½" x ¼"	42126NCP



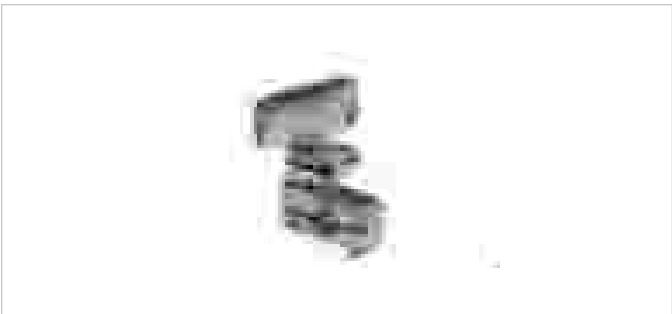
UNIVERSAL HINGE JOINT (CURRENT)

ITEM DESCRIPTION	PART #
One Piece Universal Hinge Joint ½" x ¼"	42126H



UNIVERSAL SLIDE-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Slide-On Joint ½" x ¼"	42125N



UNIVERSAL LATCH JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Screw Down Universal Latch Joint ½" x ¼"	42126LN

(* Joint is too wide to slide over elbows on angled arms)



UNIVERSAL SLIDE-ON JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Universal Slide-On Joint Reversed ¼" x ½"	42125NM



OLDER GENERATION CAM I JOINTS

ITEM DESCRIPTION	PART #
Cam I Slide-On Joint 1/2" x 1/4"	42125C
Cam I Joint 1/2" x 3/8"	42125OC
Cam I Joint 1/4" x 1/4"	42124C



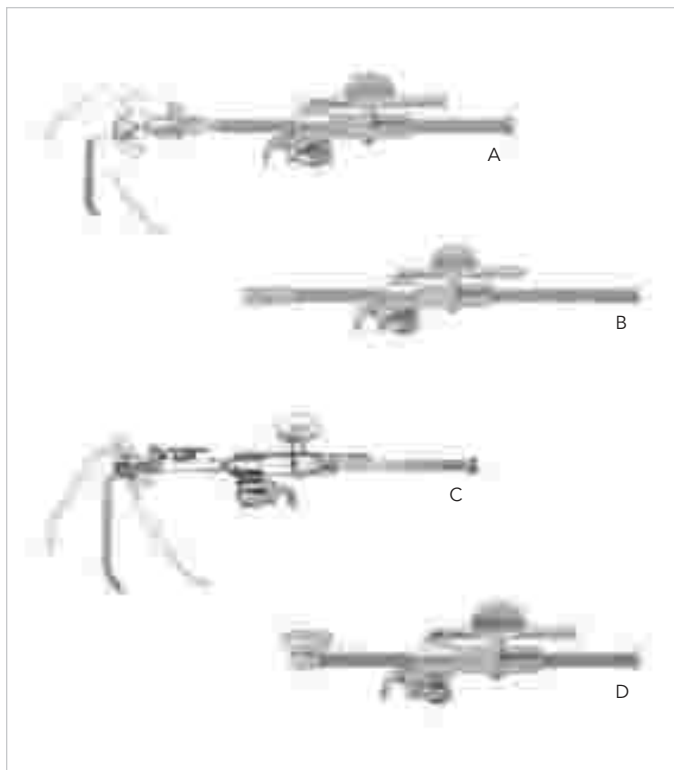
OLDER GENERATION CAM LATCH JOINT

ITEM DESCRIPTION	PART #
Cam Latch Clip-On Joint 1/2" x 1/4"	42126LC



OLDER GENERATION CAM II SLIDE-ON JOINT

ITEM DESCRIPTION	PART #
Cam II Low Profile Slide-On Joint 1/2" x 1/4"	42125S

**MICRO-ADJUSTABLE II HANDLES (CURRENT)**

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
A	Clip-on Quick Angle 10"	SL45006CGP	45006CGP
	Clip-on Quick Angle 7 ¾"	SL45007CGP	45007CGP
	Clip-on Quick Angle 15"	SL45006CGRP	45006CGRP
	Clip-on Quick Angle 20"	SL45007PGP	45007PGP
B	Clip-on 10 ¾" (non-angling)	SL45006STCP	45006STCP
	Clip-on 8 ¾" (non-angling)	SL45007STCP	45007STCP
	Slide-on Quick Angle 7 ¾"	SL45007STG	45007STG
	Clip-On 10 ¾" Bariatric (non-angling)	—	45006BTCP
	Clip-On 8 ¾" Bariatric (non-angling)	—	45007BTCP

OLDER GENERATION MICRO-ADJUSTABLE II HANDLES

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
C	Clip-On Angling 10"	SL45006CA	45006CA
	Clip-On Angling 7 ¾"	SL45007CA	45007CA
	Clip-On Angling 15"	SL45006CAR	45006CAR
	Clip-On Angling 20 ½"	SL45007P	45007P

OLDER GEN. MICRO-ADJ II HANDLES (Continued)

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
	Clip-On 10 ¾" (non-angling)	SL45006STC	45006STC
	Clip-On 8 ¾" (non-angling)	SL45007STC	45007STC
	Slide-On Angling 10"	SL45006STA	45006STA
	Slide-On Angling 7 ¾"	SL45007STA	45007STA
	Mini Micro Clip-On Angling 8" (cervical use only)	SL45010A	45010A
	Clip-On 15" (non-angling)	—	45006CR
	Clip-On 10 ¾" Bariatric (non-angling)	—	45006BTC
	Clip-On 8 ¾" Bariatric (non-angling)	—	45007BTC
	Slide-On Angling 8"	—	45009CS
	Slide-On 8 ¾" (non-angling)	—	45006ST
	Slide-On 10 ¾" (non-angling)	—	45006CS
	10 ¾" Bariatric (non-angling)	—	45006BS
	Slide-On 10" (non-angling)	—	45006LH
	Slide-On 8 ¾" Bariatric (non-angling)	—	45006BT
	Latch Interchangeable 10"	—	45006CL
	Latch Angling 10"	—	45009CL

OLDER GEN. MICRO-ADJ II ROTATABLE HANDLES

REF	ITEM DESCRIPTION	PART #
	Clip-On Rotatable 10"	45008STCP
D	Clip-On Rotatable 10"	45008STC
	Latch Rotatable 10"	45008C
	Slide-On Rotatable 10"	45008CH
	Slide-On Rotatable 10"	45008CS

OLDER GENERATION MICRO-ADJUSTABLE I HANDLES

ITEM DESCRIPTION	INTERCH. PART #
Universal Slide-on 8 ¾" (non-angling)	45007H
Universal Slide-on Angling 10"	45007AH
Slide-on 10"	45006LHB



CAM II CLIP-ON HANDLES (CURRENT)

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
E	Clip-on Quick Angle 8"	SL42126WGP	42126WGP
	Clip-on Quick Angle 10"	SL42126WGLP	42126WGLP
F	Clip-on 8" (non-angling)	SL42126WHP	42126WHP
	Clip-on Quick Angle 8" (3/8")	SL42127WGP	42127WGP

OLDER GENERATION CAM II HANDLES

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
G	Clip-On Angling 8"	SL42126WA	42126WA
	Clip-On Angling 10"	SL42126WAL	42126WAL
	3/8" Clip-On Angling 8"	SL42127WA	42127WA
	Clip-On 8" (non-angling)	SL42126WH	42126WH
	Slide-On Angling 8"	SL42125WA	42125WA
	Slide-On (non-angling) 8"	SL42125WH	42125WH
	Slide-On (non-angling) with 1/2" Handle Rod	—	42110WH



UNIVERSAL JOINTS + HANDLES (CURRENT)

REF	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
H	Quick Angle Handle 8"	SL45003GS	45003GS
	Quick Angle Handle 10"	SL45003GSL	45003GSL
I	Handle 8" (non-angling)	SL45003L	45003L
	Handle 10" (non-angling)	SL45003LM	45003LM
J	Clip-on Joint 1/2" x 1/4"	42126NCP	42126NCP
K	Slide-on Joint 1/2" x 1/4"	42125N	42125N

OLDER GENERATION HANDLES

REF	ITEM DESCRIPTION	PART #
L	S-Lock Angling Handle 8"	SL45003AS
	S-Lock Angling Handle 10"	SL45003ASL
	Angling Handle 8"	45003AS
	Angling Handle 10"	45003ASL
	S-Lock Handle 8"	SL45003
	Interchangeable Blade Handle 8"	45003
	Angling Retractor Handle	45003A
	Rotatable Handle 6"	45000
M	Rotatable Handle 8"	45001
	Rotatable Handle 10"	45001L

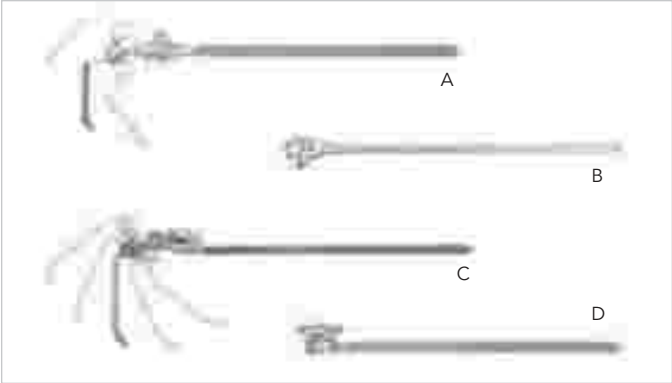


ROTATABLE HANDLES NOTICE:

Replacement Rotatable Knob available. Call to order.

Handles for Non-Thompson Systems

The handles on this page allow for Thompson's features and blades to be used with other brands of retractor systems.



RATCHET RETRACTOR HANDLES (CURRENT)

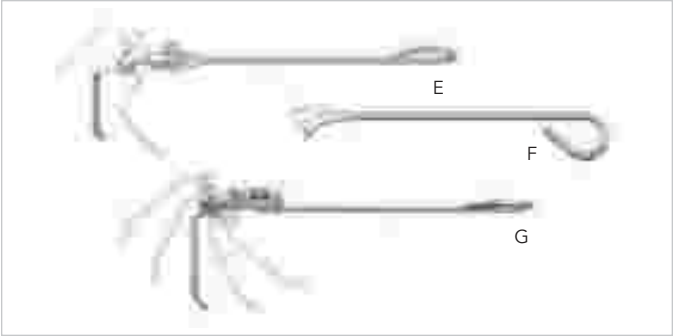
	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
A	Quick Angle 10 ¼"	SL45005GL	45005GL
B	10 ¼" (non-angling)	SL45005L	45005L

OLDER GENERATION RATCHET RETRACTOR HANDLES

	ITEM DESCRIPTION	PART #
C	S-Lock Angling 10 ¼"	SL45005AL
	Angling 10 ¼"	45005AL
D	Rotatable	45005

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Omni-Tract® is a Registered Trademark of Integra®. Thompson® Surgical Instruments, Inc. has no affiliation with Omni-Tract® or Integra®.

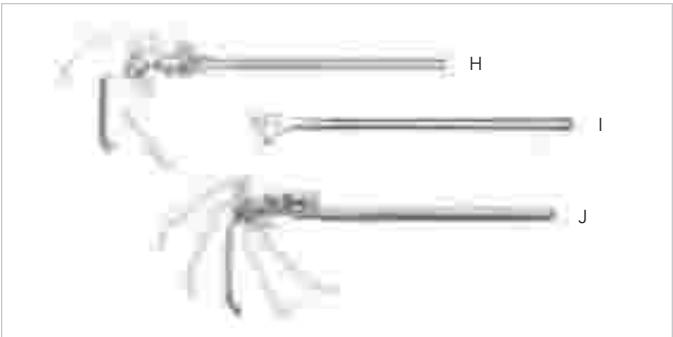


THOMPSON ADAPTER HANDLES FOR SYNFRAME® (CURRENT)

	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
E	Quick Angle 8 ¾"	SL45014GL	45014GL
F	8 ¾" (non-angling)	SL45014L	45014L

OLDER GENERATION THOMPSON ADAPTER HANDLES FOR SYNFRAME®

	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
G	Angling 8 ¾"	SL45014AL	45014AL



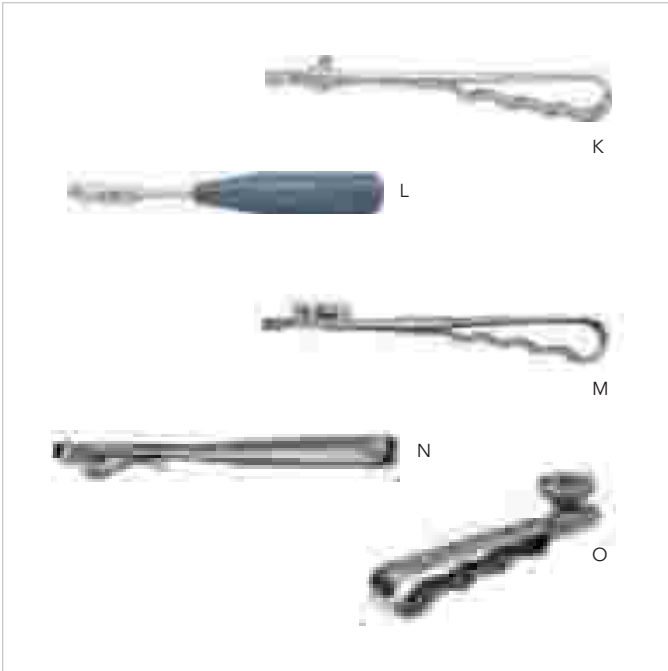
THOMPSON ADAPTER HANDLES FOR OMNI-TRACT® (CURRENT) *

	ITEM DESCRIPTION	S-LOCK PART #	INTERCH. PART #
H	Quick Angle 8 ¾"	SL45004GL	45004GL
I	8 ¾" (non-angling)	SL45004L	45004L

OLDER GENERATION THOMPSON ADAPTER HANDLES FOR OMNI-TRACT®

	ITEM DESCRIPTION	PART #
J	S-Lock Angling 8 ¾"	SL45004AL
	Angling 8 ¾"	45004AL
	Rotatable	45004

* Also see standard S-Lock Clip-on Handles.



HAND HELD ADAPTERS (CURRENT)

REF	ITEM DESCRIPTION	PART #
K	Quick Angle Hand Held Adapter	SL42128G
L	Manipulator Handle	42228

OLDER GENERATION HAND HELD ADAPTERS

REF	ITEM DESCRIPTION	PART #
M	Angling Hand Held Adapter	SL42128F
N	Locking Cam Hand Held Adapter	42128C
O	Hand Held Adapter	42128



T-HANDLE (CURRENT)

REF	ITEM DESCRIPTION	PART #
P	T-Handle (used with Quick Angle Handles)	60020

OLDER GENERATION WRENCHES

REF	ITEM DESCRIPTION	PART #
Q	Angling Head Wrench (used with Angling Handles)	43032
R	Screw Down Joint Wrench (used with Screw Down Joints)	42127



FLEXIBLE BLADE HOLDER (CURRENT)

REF	ITEM DESCRIPTION	PART #
S	Flexible Blade Holder with Cam Joint (used to hold Nerve Root Retractors)	42140C



LED ILLUMINATION (CURRENT)

	ITEM DESCRIPTION	PART #
A	Mini Retractor Lite LED (cervical use only)	40002MRL
B	Mini Retractor Lite Clip (Radiopaque)	40026MRL
C	PLA MIS Retractor Lite LED (for use with MIS PLA® System only)	40002MIS
D	LED Light Source	LLS-2000-2



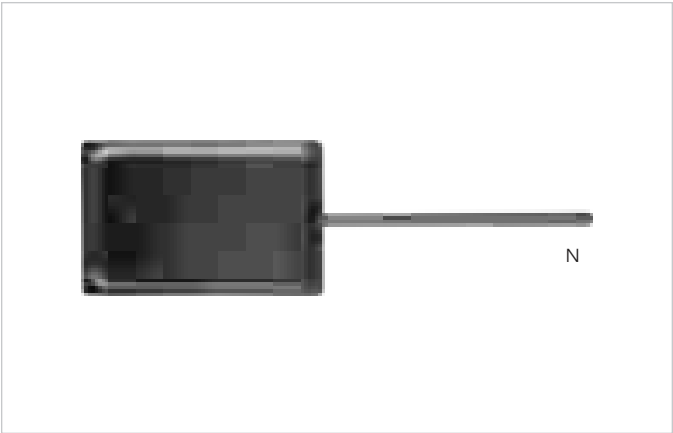
XENON ILLUMINATION (CURRENT)

	ITEM DESCRIPTION	PART #
E	Lite Wand Xe	40020X
	Lite Wand Xe with ACMI Cable	40001X
	Lite Wand Xe with Storz Cable	40002X
	Lite Wand Xe with Wolf Cable	40004X
	Lite Wand Xe with Olympus Cable	40019X
F	Retractor Lite Xe	40020RX
	Retractor Lite Xe with ACMI Cable	40001RX
	Retractor Lite Xe with Storz Cable	40002RX
	Retractor Lite Xe with Wolf Cable	40004RX
	Retractor Lite Xe with Olympus Cable	40019RX
G	Lite Clip (Radiopaque)	40026
H	Lite Wand II Olympus Adapter	40017
I	Lite Wand II Wolf Adapter	40018
J	Lite Wand II Storz Adapter	40019



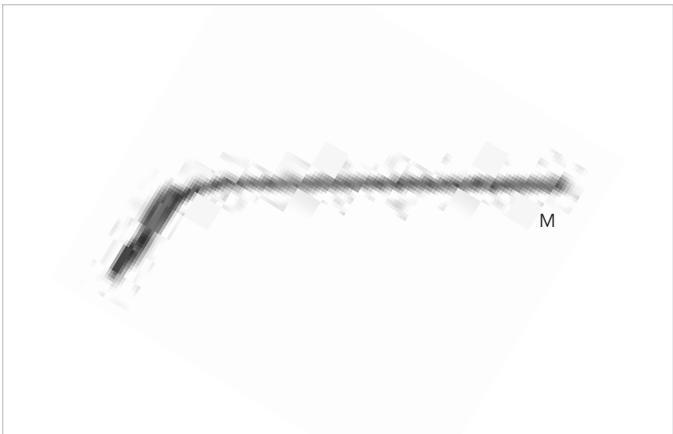
DEPTH GAUGES (CURRENT)

	ITEM DESCRIPTION	PART #
K	Anterior Cervical	46521
L	Anterior Lumbar	51236



HYSTERECTOMY TRAY (CURRENT)

	ITEM DESCRIPTION	PART #
N	Hysterectomy Tray	41933



SALS (CURRENT)

	ITEM DESCRIPTION	PART #
M	Suction for Anterior Lumbar Surgery (SALS)	51234
	Replacement Stylet	51229



INSTRUMENT TRAYS (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	22" x 11" x 3 ½" w/Pin Mat	50000G
	26" x 10" x 5"	50000BL



ORGANIZED INSTRUMENT TRAY - HPB (CURRENT)

REF	ITEM DESCRIPTION	PART #
B	Hepatobiliary	50000HPB



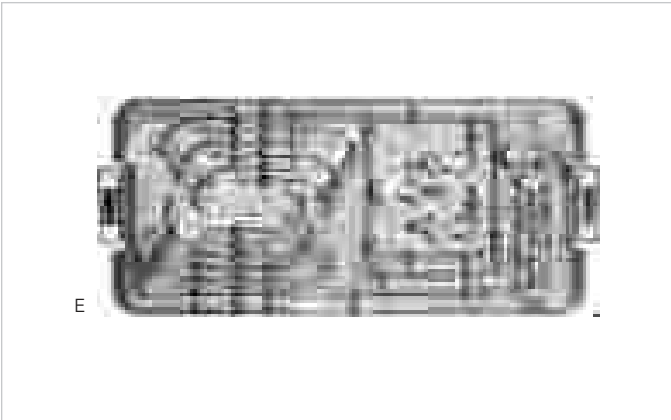
LITE / ACCESSORY INSTRUMENT TRAY (CURRENT)

REF	ITEM DESCRIPTION	PART #
C	6 ¼" x 14" x 2 ½" (plastic)	50000LW



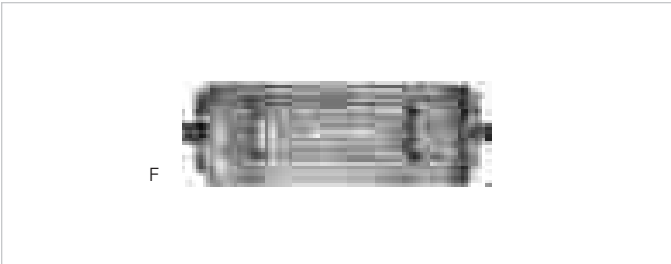
ACCESSORY INSTRUMENT TRAY (CURRENT)

REF	ITEM DESCRIPTION	PART #
D	Accessory - 3 Compartments	50000A3



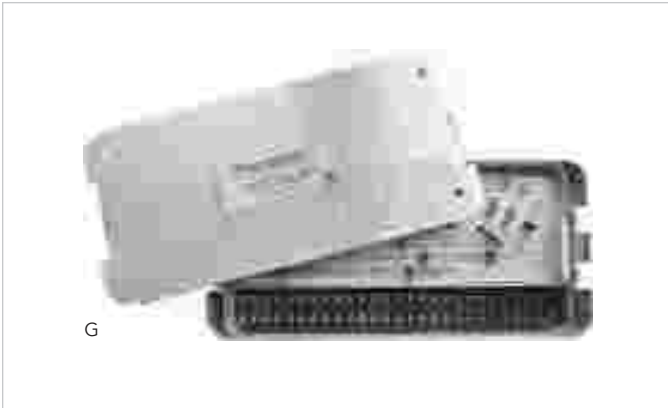
ORGANIZED INSTRUMENT TRAY -
BOLLING MITRAL VALVE (CURRENT)

REF	ITEM DESCRIPTION	PART #
E	Bolling	50000BOL



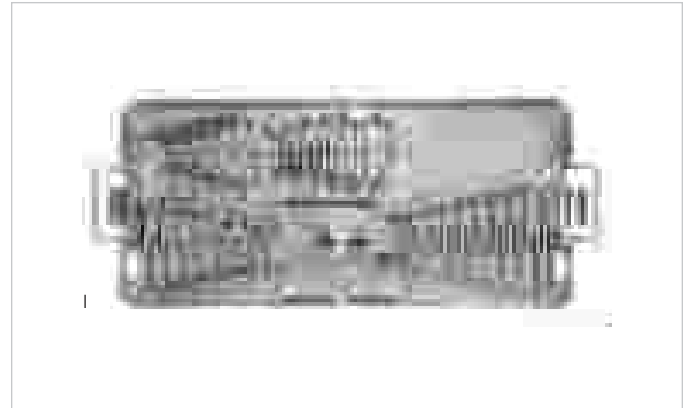
INSTRUMENT TRAY - DRAKE HOOK (CURRENT)

REF	ITEM DESCRIPTION	PART #
F	Drake Hook	50000DH



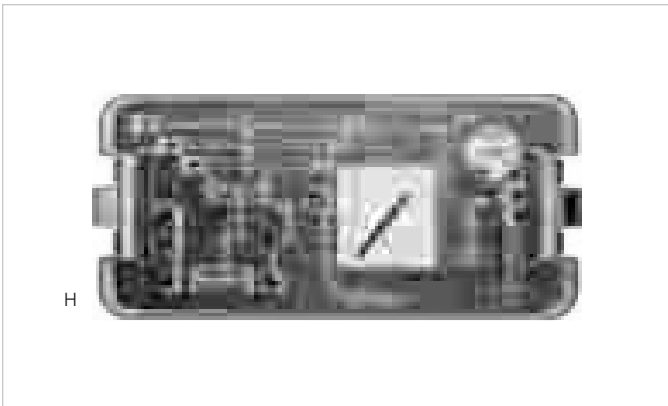
ORGANIZED INSTRUMENT TRAYS - ANTERIOR LUMBAR SPINE (CURRENT)

REF	ITEM DESCRIPTION	PART #
	AL Renal Vein Blades	50000ALR
	Anterior Lumbar	50000ALT
G	Expanded Reverse Lip ASA	50000ERL
	Reverse Lip ASA	50000RLT



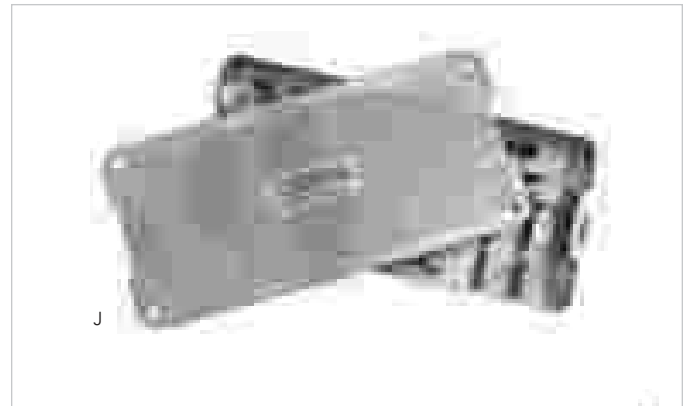
ORGANIZED INSTRUMENT TRAYS - ANTERIOR CERVICAL SPINE (CURRENT)

REF	ITEM DESCRIPTION	PART #
	Anterior Cervical	50000ACT
I	Expanded Anterior Cervical	50000EAC
	Cervical Blade	50000UAC
	Cervical Blade Tray (Insert for 50000UAC)	50000UACT



ORGANIZED INSTRUMENT TRAYS - MIS PLA (CURRENT)

REF	ITEM DESCRIPTION	PART #
	Midline Blades	50000ML
H	MIS Spine Frame	50000MSF
	PLA	50000PLA
	PLA One Step Dilator	50000PLAO



ORGANIZED INSTRUMENT TRAYS - CCA (CURRENT)

REF	ITEM DESCRIPTION	PART #
J	CCA Blades	50000CCAB
	CCA Frame	50000CCAF

Blades

General and Vascular Surgery Blades.....25-45

Balfour 25-26

Harrington ("Sweetheart")..... 27

Weinberg 28

Kelly 28

Splanchnich 29

Fence 29

Malleable 30-32

Mini-Open 32-33

Richardson 33-35

St. Marks 35

Deaver 36

Renal Vein 37-38, 49

Fenestrated..... 38

Murphy Rake..... 39

Volkman 39

Aortic Aneurysm 40

Allison Lung 40

Double Angled 41

Heany..... 42

Bladder 42-43

Prostate..... 44

Rectal 45

Spine Surgery Blades46-59

Anterior Lumbar..... 46-49

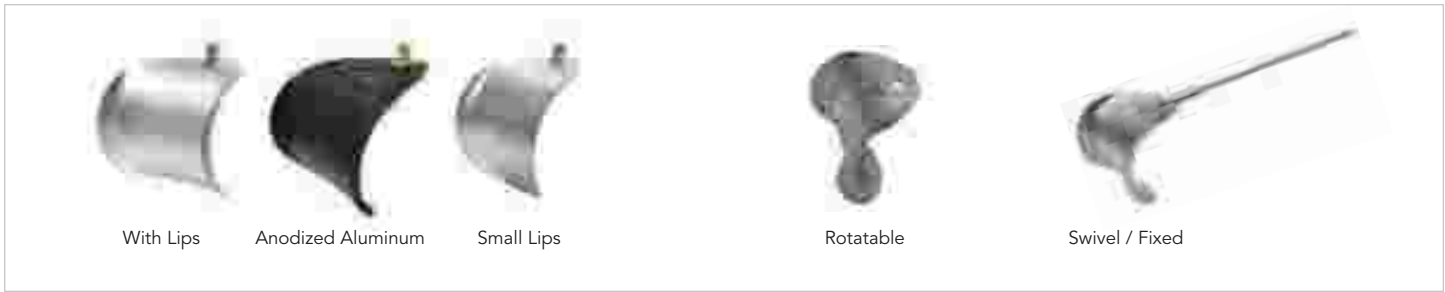
Cervical 50-57

Posterior Lumbar 58-59



BLADE NOTICE:
Non-S-Lock blades may require a longer lead time.
Many blades also available in aluminum, call for information.

BALFOUR BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
[with lips] 32mm x 32mm (1 ¼" x 1 ¼")	SL46142	46142	45042	45142 *	43142
[with lips] 51mm x 54mm (2" x 2")	SL46142P	46142P	45042P	45142P	43142P
[with lips] 76mm x 51mm (3" x 2")	SL46140P	46140P	45040P	45140P	43140P
[with lips] 70mm x 73mm (2 ¾" x 3")	SO46140	46140	45040	45140	43140 *
[with lips] 83mm x 73mm (3 ¼" x 3")	SO46141	46141	45041	45141	43141 *
[with lips] 83mm x 123mm (3 ¼" x 5")	SO46141D	46141D	45041D	45141D	43141D
[with lips] 83mm x 175mm (3 ¼" x 6 7/8")	SO46141F	46141F	45041F	45141F	43141F
[small lips] 70mm x 73mm (2 ¾" x 3")	SO46140C	46140C	45040C	45140C	43140C
[small lips] 83mm x 73mm (3 ¼" x 3")	SO46141C	46141C	45041C	45141C	43141C
Radiolucent [with lips] 32mm x 32mm (1 ¼" x 1 ¼") [Anodized]	SL46142EB	46142EB	—	—	—
Radiolucent [with lips] 32mm x 32mm (1 ¼" x 1 ¼")	SL46142ET	—	—	—	—
Radiolucent [with lips] 51mm x 51mm (2" x 2") [Anodized]	SL46142PEB	46142PEB	—	—	—
Radiolucent [with lips] 65mm x 72mm (2 ½" x 2 ¾") ANTERIOR LUMBAR USE ONLY	SL46140ET	—	—	—	—
Radiolucent [with lips] 65mm x 72mm (2 ½" x 2 ¾")	SO46140ET	46140ET	45040E	—	—
Radiolucent [with lips] 65mm x 72mm (2 ½" x 2 ¾") [Anodized]	SO46140EB	46140EB	—	—	—
Radiolucent [small lips] 65mm x 72mm (2 ½" x 2 ¾")	SO46140CET	46140CET	45040CE	—	—
Radiolucent [small lips] 65mm x 72mm (2 ½" x 2 ¾") [Anodized]	SO46140CEB	46140CEB	—	—	—
Radiolucent [with lips] 83mm x 70mm (3 ¼" x 2 ¾") ANTERIOR LUMBAR USE ONLY	SL46141ET	—	—	—	—
Radiolucent [with lips] 83mm x 70mm (3 ¼" x 2 ¾")	SO46141ET	46141ET	45041E	—	—
Radiolucent [with lips] 83mm x 70mm (3 ¼" x 2 ¾") [Anodized]	SO46141EB	46141EB	—	—	—
Radiolucent [small lips] 83mm x 70mm (3 ¼" x 2 ¾")	SO46141CET	46141CET	—	—	—
Radiolucent [small lips] 83mm x 70mm (3 ¼" x 2 ¾") [Anodized]	SO46141CEB	46141CEB	—	—	—
Radiolucent [with lips] 83mm x 127mm (3 ¼" x 5")	SO46141DET	—	—	—	—
Radiolucent [with lips] 83mm x 127mm (3 ¼" x 5") [Anodized]	SO46141DEB	46141DEB	—	—	—

* Fixed / Swivel Blades with 6" handle available, add 'S' to front of part number.

**NOTICE:**

Any Balfour blades may be ordered with small lips or without lips. Call your Thompson representative to order.

WIDE BALFOUR (ROCHARD) BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
83mm x 57mm (3 1/4" x 2 1/4")	SO46241A	46241A	—	—	43241A
100mm x 61mm (4" x 2 3/8")	SO46241B	46241B	—	—	43241B
114mm x 63mm (4 1/2" x 2 1/2")	SO46241C	46241C	—	—	43241C
Radiolucent 83mm x 57mm (3 1/4" x 2 1/4") [Anodized Aluminum]	SO46241AEB	46241AEB	—	—	—
Radiolucent 102mm x 57mm (4" x 2 1/4") [Anodized Aluminum]	SO46241BEB	46241BEB	—	—	—
Radiolucent 114mm x 57mm (4 1/2" x 2 1/4") [Anodized Aluminum]	SO46241CEB	46241CEB	—	—	—

NON-SLIP BALFOUR BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Right 77mm x 94mm (3" x 3 3/4")	SO46169C	46169C	—	—	—
Left 77mm x 94mm (3" x 3 3/4")	SO46168C	46168C	—	—	—
Right 77mm x 66mm	SO46169B	46169B	—	—	—
Left 77mm x 66mm	SO46168B	46168B	—	—	—

HARRINGTON (SWEETHEART) BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
38mm x 127mm (1 ½" x 5")	SL46162P	46162P	P45062	45162P	43162P
64mm x 102mm (2 ½" x 4")	SL46165	46165	—	—	43165
64mm x 152mm (2 ½" x 6")	SL46160	46160	45060	45160	43160
64mm x 203mm (2 ½" x 8")	SL46163	46163	45063	45163	43163
64mm x 254mm (2 ½" x 10")	SL46164	46164	45064	45164	43164
MALLEABLE 64mm x 152mm (2 ½" x 6")	—	46160S	—	—	—
114mm x 203mm (4 ½" x 8")	—	46161M	—	—	—
114mm x 254mm (4 ½" x 10")	SL46161	46161	45061	45161	43161
38mm x 203mm (1 ½" x 8")	—	46166	—	—	—
Radiolucent 64mm x 152mm (2 ½" x 6") Titanium	SL46160ET	46160ET	—	—	—
Radiolucent 64mm x 152mm (2 ½" x 6") Titanium	SO46160ET	46160ET	—	—	—
Radiolucent 64mm x 152mm (2 ½" x 6") Aluminum	SL46160E	46160E	45060E	—	—
Radiolucent 64mm x 203mm (2 ½" x 8")	SL46163ET	—	—	—	—
Radiolucent 64mm x 254mm (2 ½" x 10")	SL46164ET	—	—	—	—
Radiolucent 64mm x 102mm (2 ½" x 4")	SL46165ET	—	—	—	—

WEINBERG BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
102mm x 152mm (4" x 6")	—	Obsolete **	—	—	42520 *
83mm x 133mm (3 ¼" x 5 ¼")	—	Obsolete **	—	—	42521 *
102mm x 203mm (4" x 8")	—	Obsolete **	—	—	42522 *

* ½" fixed handle requires ½" x ½" joint for use, see pages 12 - 13. (Joint #43112C recommended.)

** Interchangeable Weinberg blades obsolete due to possible handle damage when under extremely heavy retraction.

KELLY BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
38mm x 51mm (1 ½" x 2")	SL46127	46127	45027	45127 *	43127 *
51mm x 64mm (2" x 2 ½")	SL46128	46128	45028	45128	43128 *
64mm x 76mm (2 ½" x 3")	SO46129	46129	45029	45129	43129 *
76mm x 89mm (3" x 3 ½")	SO46130	46130	45030	45130	43130 *
Radiolucent 38mm x 51mm (1 ½" x 2")	SL46127ET	46127ET	—	—	—
Radiolucent 51mm x 64mm (2" x 2 ½")	SL46128ET	46128ET	—	—	—
Radiolucent 64mm x 76mm (2 ½" x 3")	SO46129ET	46129ET	—	—	—
Radiolucent 76mm x 89mm (3" x 3 ½")	SO46130ET	46130ET	—	—	—

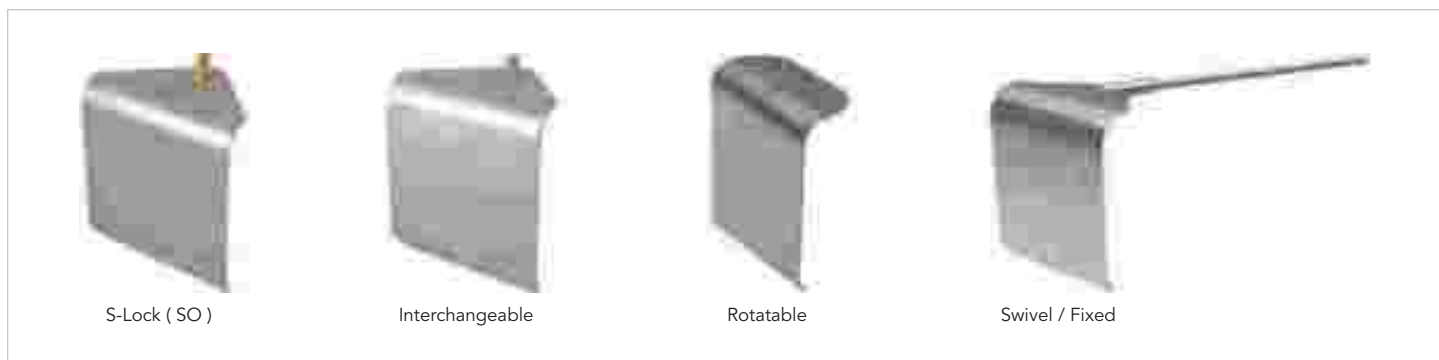
* Fixed / Swivel Blades with 6" handle available, add 'S' to front of part number.

SPLANCHNICH BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
51mm x 114mm (2" x 4 1/2")	SL46145	46145	—	45145	—
51mm x 152mm (2" x 6")	SL46146	46146	—	45146	—
Radiolucent 25mm x 152mm (1" x 6")	SL46148ET	46148ET	45048E	—	—
Radiolucent 25mm x 203mm (1" x 8")	SL46149ET	46149ET	45049E	—	—
Radiolucent 51mm x 114mm (2" x 4 1/2")	SL46145ET	46145ET	45045E	—	—
Radiolucent 51mm x 152mm (2" x 6")	SL46146ET	46146ET	45046E	45145E	—
Radiolucent 51mm x 203mm (2" x 8")	SL46147ET	46147ET	45047E	—	—

FENCE BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
102mm x 102mm (4" x 4")	SO46134	46134	45034	45134	43134
102mm x 127mm (4" x 5")	SO46135	46135	45035	45135	43135
102mm x 152mm (4" x 6")	SO46136	46136	45036	45136	43136
102mm x 203mm (4" x 8")	SO46136A	46136A	45036A	45136A	43136A
Radiolucent 102mm x 102mm (4" x 4")	SO46134ET	46134ET	—	—	—
Radiolucent 102mm x 127mm (4" x 5")	SO46135ET	46135ET	—	—	—
Radiolucent 102mm x 152mm (4" x 6")	SO46136ET	46136ET	45036E	—	—
Radiolucent 102mm x 203mm (4" x 8")	SO46136AET	46136AET	—	—	—

MALLEABLE BLADES



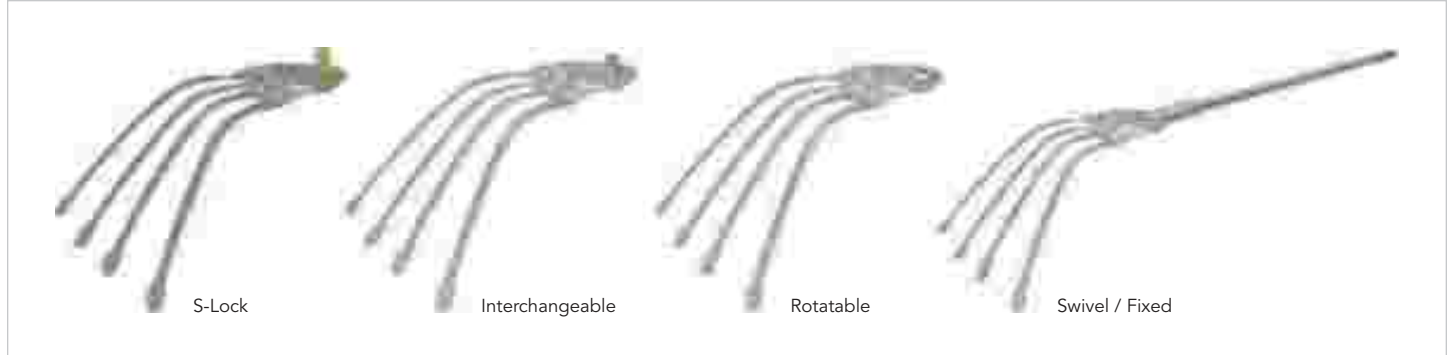
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 110 mm (1" x 4 5/16")	SL45656A	45656A	—	—	—
13mm x 90mm (1/2" x 3 1/2")	SL45657A	45657A	—	—	—
13mm x 64mm (1/2" x 2 1/2")	SL46115	46115	45015	45115	—
13mm x 152mm (1/2" x 6")	SL46116	46116	45016	45116	—
13mm x 203mm (1/2" x 8")	SL46117	46117	45017	45117	—
25mm x 203mm (1" x 8")	SL46118	46118	45018	45118	43118
25mm x 104mm (1" x 4")	SL46118P	46118P	P45018	45118P	—
25mm x 254mm (1" x 10")	SL46118A	46118A	45018A	45118A	—
38mm x 254mm (1 1/2" x 10")	SL46118B	46118B	45018B	45118B	—
25mm x 127mm (1" x 5")	SL46119	46119	45019	45119	—
51mm x 102mm (2" x 4")	SL46122P	46122P	P45022	45122P	—
51mm x 203mm (2" x 8")	SL46122	46122	45022	45122	43122
51mm x 254mm (2" x 10")	SL46122A	46122A	45022A	45122A	43122A
38mm x 203mm (1 1/2" x 8")	SL46123	46123	45023	45123	—
64mm x 254mm (2 1/2" x 10")	SL46124	46124	45024	45124	43124 *
76mm x 254mm (3" x 10")	SO46124A	46124A	45024A	45124A	43124A
102mm x 254mm (4" x 10")	SO46124B	46124B	45024B	45124B	43124B
Radiolucent 25mm x 110mm (1" x 4 1/2")	SL45656AT	45656AT	—	—	—
Radiolucent 13mm x 90mm (1/2" x 3 1/2")	SL45657AT	45657AT	—	—	—
Radiolucent 13mm x 64mm (1/2" x 2 1/2")	SL46115ET	46115ET	—	—	—
Radiolucent 13mm x 152mm (1/2" x 6")	SL46116ET	46116ET	—	—	—
Radiolucent 13mm x 203mm (1/2" x 8")	SL46117ET	46117ET	—	—	—
Radiolucent 25mm x 203mm (1" x 8")	SL46118ET	46118ET	—	—	—
Radiolucent 25mm x 102mm (1" x 4")	SL46118PET	46118PET	—	—	—
Radiolucent 51mm x 254mm (2" x 10")	SL46122AET	46122AET	—	—	—

Continued on next page...

MALLEABLE BLADES (Continued)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 51mm x 203mm (2" x 8")	SL46122ET	46122ET	45022E	—	—
Radiolucent 64mm x 254mm (2 ½" x 10")	SL46124ET	46124ET	—	—	—
Radiolucent 76mm x 254mm (3" x 10")	SO46124AET	46124AET	—	—	—
Radiolucent 102mm x 254mm (4" x 10")	SO46124BET	46124BET	—	—	—
38mm x 102mm (1 ½" x 4")	—	46120	45020	45120	—
102mm x 165mm (4" x 6 ½")	—	46114	—	45114	—
76mm x 165mm (3" x 6 ½")	—	46113	—	45113	—
51mm x 165mm (2" x 6 ½")	—	46112	—	45112	—
25mm x 152mm (1" x 6")	—	46119A	45019A	45119A	—
38mm x 152mm (1 ½" x 6")	—	46120B	45020B	45120B	—
38mm x 127mm (1 ½" x 5")	—	46120A	45020A	45120A	—
25mm x 76mm (1" x 3")	—	46118C	—	—	—

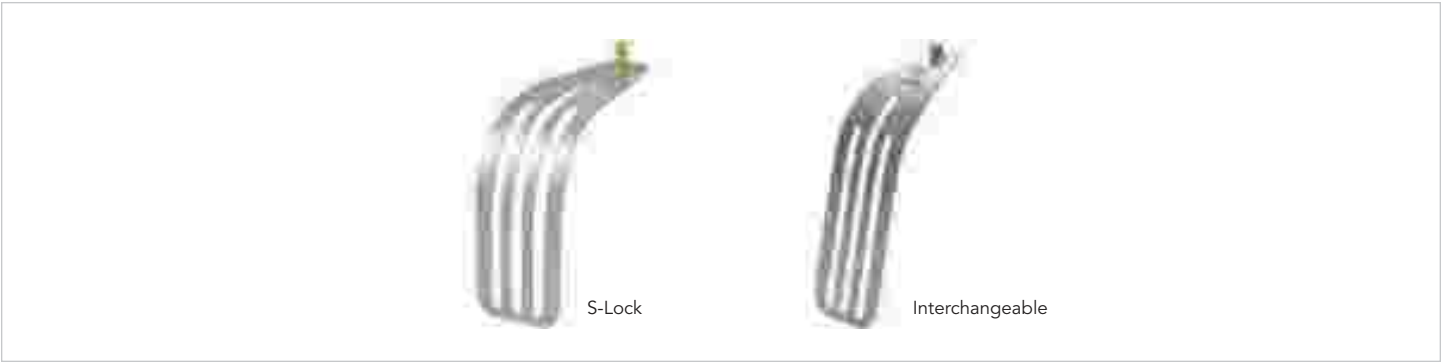
* Fixed Blade with 6" handle available, add 'S' to front of part number.

MALLEABLE FINGER BLADES

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
76mm (3")	SL46191SP	46191SP	—	—	—
102mm (4")	SL46191P	46191P	—	—	—
152mm (6")	SL46191	46191	45091	45191	43191 *
203mm (8")	SL46191L	46191L	—	—	—
Radiolucent 152mm (6")	SL46191ET	46191ET	—	—	—

* Fixed Blade with 6" handle available, add 'S' to front of part number.

MALLEABLE SLOTTED BLADES



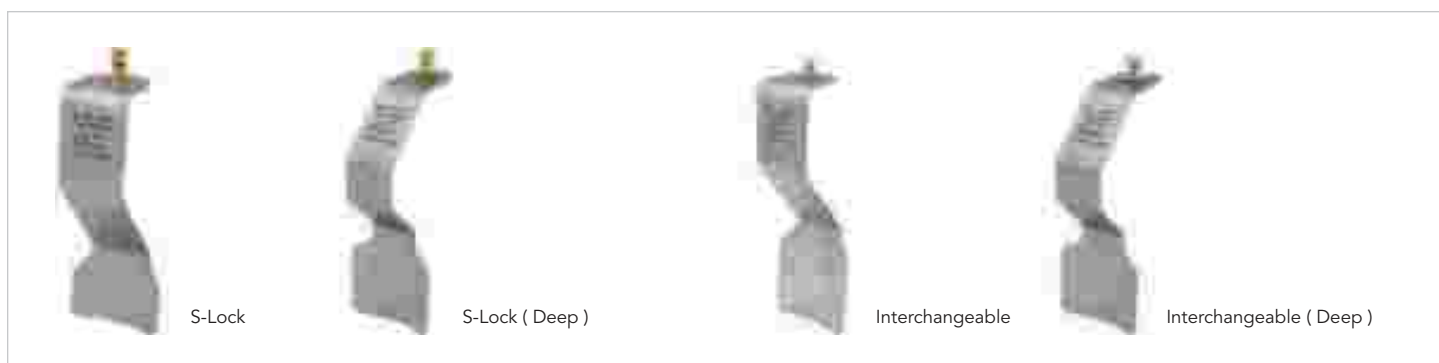
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
51mm x 203mm (2" x 8")	SL46122V	46122V	—	—	—
76mm x 203mm (3" x 8")	SO46124AV	46124AV	—	—	—
51mm x 165mm (2" x 6 ½")	—	46202	—	—	—
76mm x 165mm (3" x 6 ½")	—	46203	—	—	—

MINI-OPEN MALLEABLE BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 75mm (1" x 3")	SL46220	46220	—	—	—
25mm x 100mm (1" x 4")	SL46221	46221	—	—	—
25mm x 125mm (1" x 5")	SL46222	46222	—	—	—

MINI-OPEN DOUBLE ANGLED BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
51mm x 127mm (2" x 5")	SL46224	46224	—	—	—
51mm x 152mm (2" x 6")	SL46225	46225	—	—	—
51mm x 165mm (2" x 6 ½")	SL46226	46226	—	—	—
Deep 51mm x 127mm (2" x 5")	SL46227	46227	—	—	—

MINI-OPEN RICHARDSON BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
51mm x 76mm (2" x 3")	SL46155	46155	45055	—	—
51mm x 76mm (2" x 3")	SO46155	—	—	—	—
51mm x 102mm (2" x 4")	SL46156	46156	—	—	—
51mm x 102mm (2" x 4")	SO46156	—	—	—	—
51mm x 127mm (2" x 5")	SL46157	46157	—	—	—
51mm x 127mm (2" x 5")	SO46157	—	—	—	—
51mm x 152mm (2" x 6")	SL46158	46158	—	45158	—
51mm x 152mm (2" x 6")	SO46158	—	—	—	—

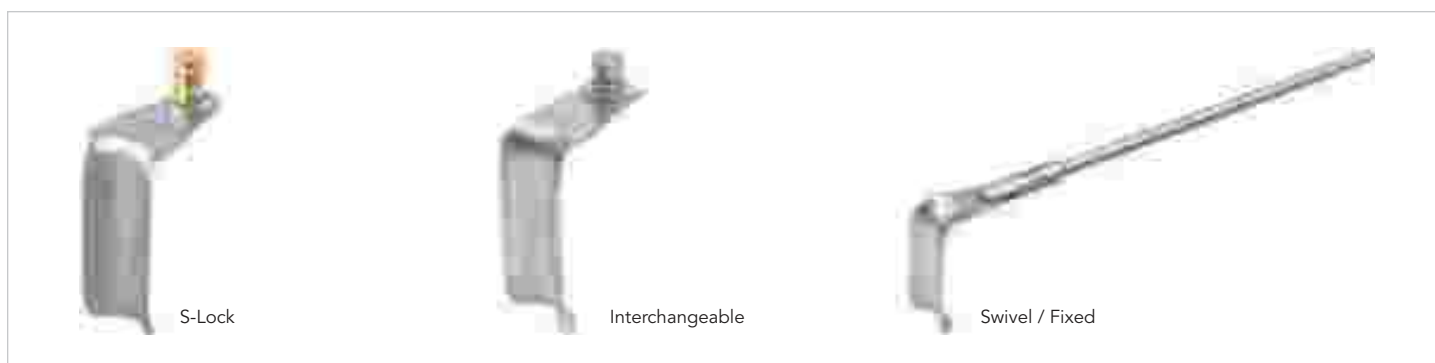
RICHARDSON BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
44mm x 51mm (1 ¾" x 2")	SL46149	46149	—	—	—
51mm x 76mm (2" x 3")	SL46154	46154	—	—	—
51mm x 102mm (2" x 4")	SL46150	46150	45050	45150	43150
51mm x 127mm (2" x 5")	SO46151	46151	45051	45151 *	43151 *
51mm x 152mm (2" x 6")	SO46152	46152	45052	45152	43152
51mm x 178mm (2" x 7")	SO46153	46153	45053	45153	—
Radiolucent 51mm x 76mm (2" x 3")	SL46154ET	—	—	—	—
Radiolucent 51mm x 102mm (2" x 4")	SL46150ET	—	—	—	—
Radiolucent 51mm x 127mm (2" x 5")	SO46151ET	—	—	—	—
Radiolucent 51mm x 152mm (2" x 6")	SO46152ET	—	—	—	—
Radiolucent 51mm x 178mm (2" x 7")	SO46153ET	46153ET	—	—	—

* Fixed / Swivel Blades with 6" handle available, add 'S' to front of part number.

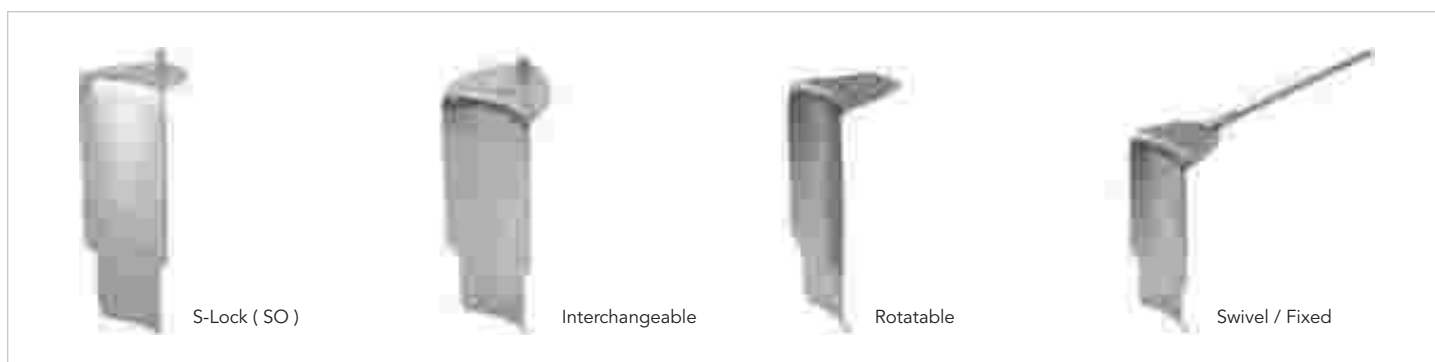
MINI RICHARDSON BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
19mm x 25mm ($\frac{3}{4}$ " x 1")	SL46125	46125	—	45125 *	43125 *
19mm x 51mm ($\frac{3}{4}$ " x 2")	SL46125A	46125A	—	45125A *	43125A
25mm x 32mm (1" x 1 $\frac{1}{4}$ ")	SL46126	46126	—	45126 *	43126 *

* Fixed / Swivel Blades with 6" handle available, add 'S' to front of part number.
Older style Fixed Carotid Blades also available, call for more information.

ST. MARKS BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
[no lip] 64mm x 178mm (2 $\frac{1}{2}$ " x 7")	SO46187A	46187A	45087A	45187A	—
[with lip] 64mm x 178mm (2 $\frac{1}{2}$ " x 7")	SO46188	46188	45088	45188	43188
[with lip] 64mm x 140mm (2 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ ")	SO46189	46189	45089	45189	—
Radiolucent [with lip] 64mm x 140mm (2 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ ")	SO46189ET	46189ET	—	—	—
Radiolucent [with lip] 64mm x 178mm (2 $\frac{1}{2}$ " x 7")	SO46188ET	46188ET	—	—	—

DEAVER BLADES (NON-MALLEABLE)



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 127mm (1" x 5")	SL46170	46170	45070	45170	43170 *
38mm x 127mm (1 ½" x 5")	SL46172	46172	45072	45172	43172 *
51mm x 127mm (2" x 5")	SL46174	46174	45074	45174	43174
64mm x 127mm (2 ½" x 5")	SO46175	46175	45075	45175	43175
76mm x 127mm (3" x 5")	SO46176	46176	45076	45176	43176 *
102mm x 127mm (4" x 5")	SO46178	46178	—	—	—
25mm x 102mm (1" x 4")	—	—	P45070	—	—
51mm x 102mm (2" x 4")	—	—	P45074	—	—
Radiolucent 25mm x 127mm (1" x 5")	SL46170ET	46170ET	—	—	—
Radiolucent 38mm x 127mm (1 ½" x 5")	SL46172ET	46172ET	—	—	—
Radiolucent 51mm x 127mm (2" x 5")	SL46174ET	46174ET	—	—	—
Radiolucent 64mm x 127mm (2 ½" x 5")	SO46175ET	46175ET	—	—	—
Radiolucent 76mm x 127mm (3" x 5")	SO46176ET	46176ET	45076E	—	—
Radiolucent 76mm x 127mm (3" x 5") ANTERIOR LUMBAR USE ONLY	SL46176ET	—	—	—	—
Radiolucent 102mm x 127mm (4" x 5")	SO46178ET	46178ET	—	—	—
Radiolucent 102mm x 127mm (4" x 5") ANTERIOR LUMBAR USE ONLY	SL46178ET	—	—	—	—

* Fixed Blades with 6" handle available, add 'S' to front of part number.

CONCAVE RENAL VEIN BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 140mm (1" x 5 1/2") Rigid	SL46119B	46119B	45019B	45119B	—
25mm x 191mm (1" x 7 1/2") Rigid	SL46119C	46119C	45019C	—	43119C
Radiolucent 25mm x 140mm (1" x 5 1/2") Rigid	—	—	45019BET	—	—
Radiolucent 25mm x 140mm (1" x 5 1/2") Malleable	SL46119BET	46119BET	45019BE	—	—
Radiolucent 25mm x 190mm (1" x 7 1/2") Malleable	SL46119CET	46119CET	45019CE	—	—

RIGID RENAL VEIN BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 25mm x 203mm (1" x 8")	SL46118RET	46118RET	45018RET	—	—
Radiolucent 25mm x 140mm (1" x 5 1/2")	SL46119RET	46119RET	45019RE	45119RE	—
Radiolucent 25mm x 191mm (1" x 7 1/2")	SL46120RET	46120RET	—	45120RE	—
Radiolucent 25mm x 178mm (1" x 7")	—	—	45020RE	—	—
Radiolucent 25mm x 254mm (1" x 10")	SL46121RET	46121RET	45021RE	45121RE	—
Radiolucent 25mm x 305mm (1" x 12")	SL46122RET	46122RET	45022RE	—	—
Radiolucent 25mm x 152mm (1" x 6")	—	46118CET	45018CE	—	—
Radiolucent 51mm x 152mm (2" x 6")	—	46118DET	—	—	—
Radiolucent 51mm x 203mm (2" x 8")	—	46118EET	—	—	—

Renal Vein Blades continued on next page, additional Renal Vein Blades shown with Anterior Lumbar Spine Blades.

MALLEABLE RENAL VEIN BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 203mm (1" x 8")	SL46118R	46118R	45018R	45118R	43118R

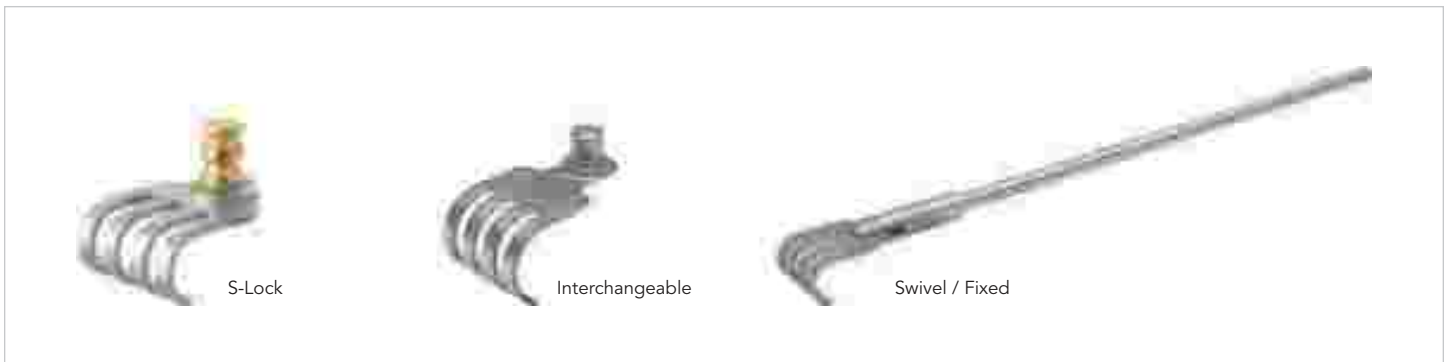
Additional Renal Vein Blades shown on previous page, and with Anterior Lumbar Spine Blades.

FENESTRATED BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
44mm x 89mm (1 ¾" x 3 ½")	SL46143	46143	—	45143	43143
48mm x 127mm (1 7⁄8" x 5")	SL46144	46144	—	45144	—

MURPHY RAKE BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Sharp - 3 Prong 19mm x 13mm ($\frac{3}{4}$ " x $\frac{1}{2}$ ")	SL46216	46216	—	45216	—
Sharp - 4 Prong 25mm x 13mm (1" x $\frac{1}{2}$ ")	SL46214	46214	—	45214	43214
Blunt - 3 Prong 19mm x 13mm ($\frac{3}{4}$ " x $\frac{1}{2}$ ")	SL46217	46217	—	45217	—
Blunt - 4 Prong 25mm x 13mm (1" x $\frac{1}{2}$ ")	SL46215	46215	—	45215	—

VOLKMAN BLADES



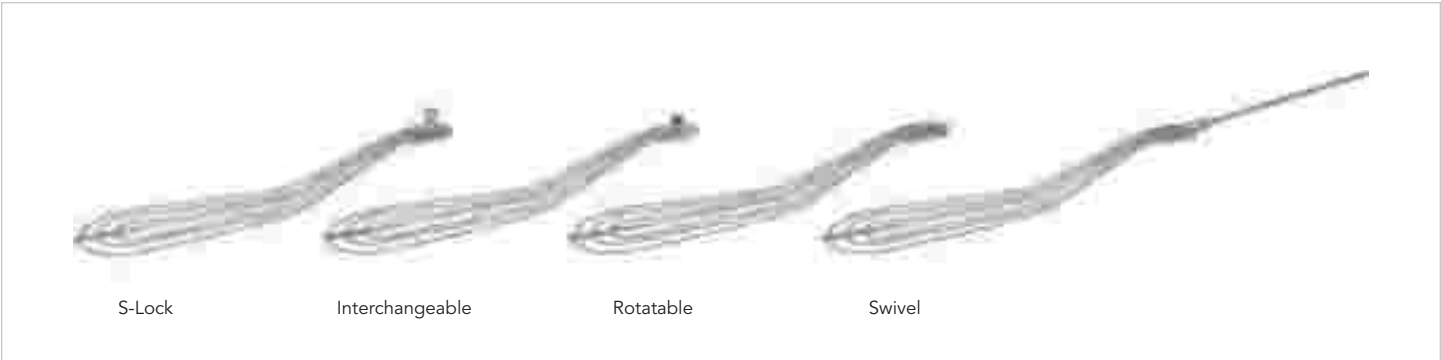
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Sharp 25mm x 13mm (1" x $\frac{1}{2}$ ")	SL46210	46210	—	45210	—
Blunt 25mm x 13mm (1" x $\frac{1}{2}$ ")	SL46211	46211	—	45211	—
Sharp 16mm x 13mm ($\frac{5}{8}$ " x $\frac{1}{2}$ ")	SL46212	46212	—	45212	—
Blunt 16mm x 13mm ($\frac{5}{8}$ " x $\frac{1}{2}$ ")	SL46213	46213	—	45213	—

AORTIC ANUERYSM BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Large 457mm x 229mm (18" x 9")	SO46124C	46124C	45024C	45124C	—
Small 305mm x 216mm (12" x 8 ½")	SO46124D	46124D	45024D	45124D	—

ALLISON LUNG RETRACTORS



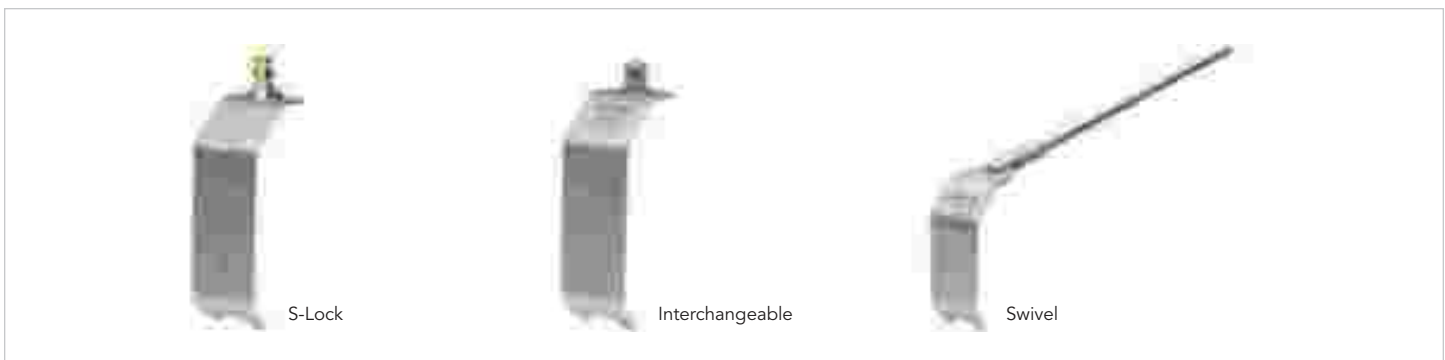
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
229mm (9")	SL46183	46183	45083	45183	—

DOUBLE ANGLED BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
13mm x 70mm (½" x 2 ¾")	SL46663	46663	—	—	—
13mm x 64mm (½" x 2 ½")	—	—	—	45663Q	—
13mm x 76mm (½" x 3")	SL46662	46662	—	45662Q	—
25mm x 64mm (1" x 2 ½")	SL46661	46661	45661A	45661Q	—
25mm x 76mm (1" x 3")	SL46660	46660	45660	45660Q	—

DOUBLE ANGLED BULB BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 64mm (1" x 2 ½")	SL46664	46664	—	45664Q	—

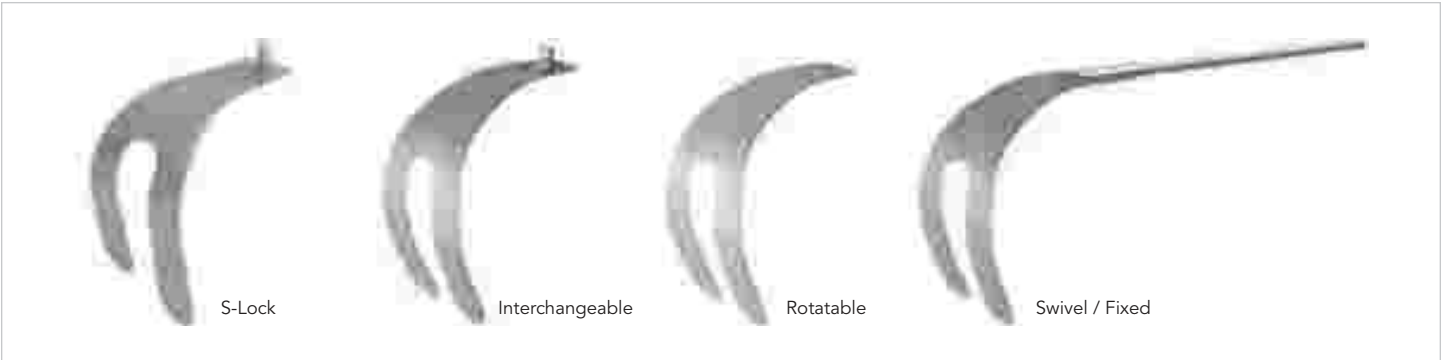
HEANY BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 102mm (1 " x 4")	SL46180	46180	45080	45180	43180
25mm x 127mm (1 " x 5")	SL46182	46182	45082	45182	43182 *

* Fixed Blade with 6" handle available, add 'S' to front of part number.

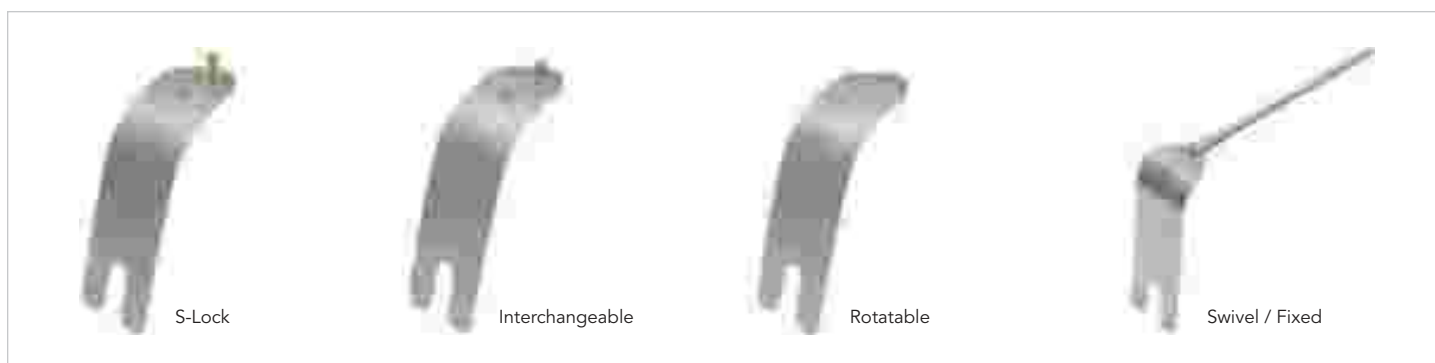
DOUBLE BLADED BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
76mm x 114mm (3" x 4 ½")	SL46190	46190	45090	45190	43190 *

* Fixed Blade with 6" handle available, add 'S' to front of part number.

HOLTGREWE BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
60mm x 152mm (2 3/8" x 6") Malleable	SL46137	46137	45037	45137	43137

"Y" BLADDER BLADES



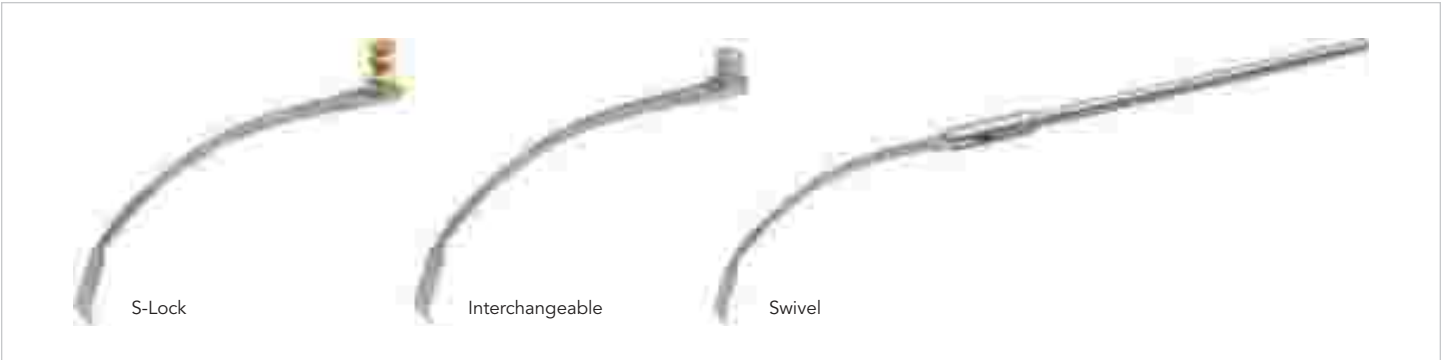
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
81mm x 216mm (3 1/8" x 8 1/2")	SL46139	46139	45039	45139	43139

BLADDER BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
35mm x 89mm (1 3/8" x 3 1/2")	—	46192	45092	45192	S43192

HARRIS PROSTATE RETRACTORS



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
8mm (3/8")	SL45753AM	45753AM	—	45665Q	—

MALLEABLE PROSTATE BLADE



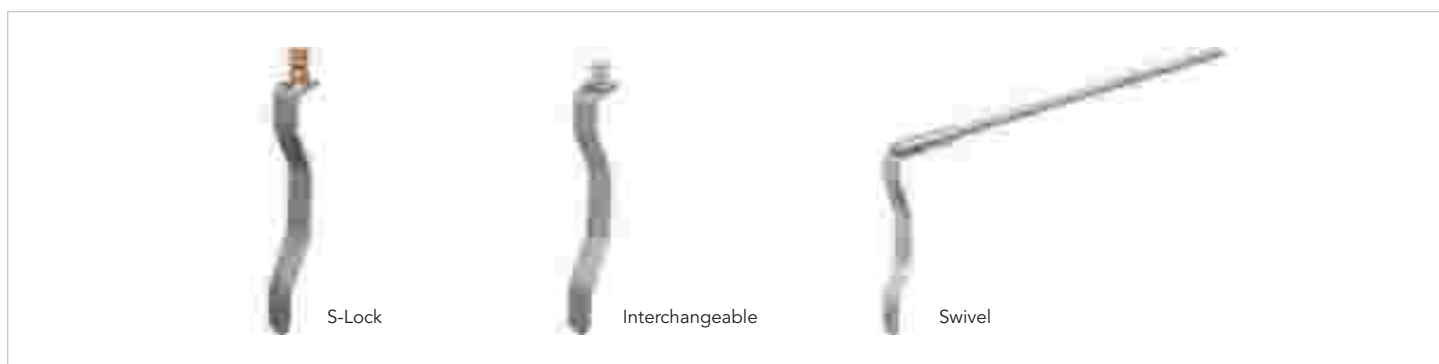
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
280mm x 40mm (11" x 1 1/2")	—	46223	—	—	—

HILL-FERGUSON RECTAL BLADES



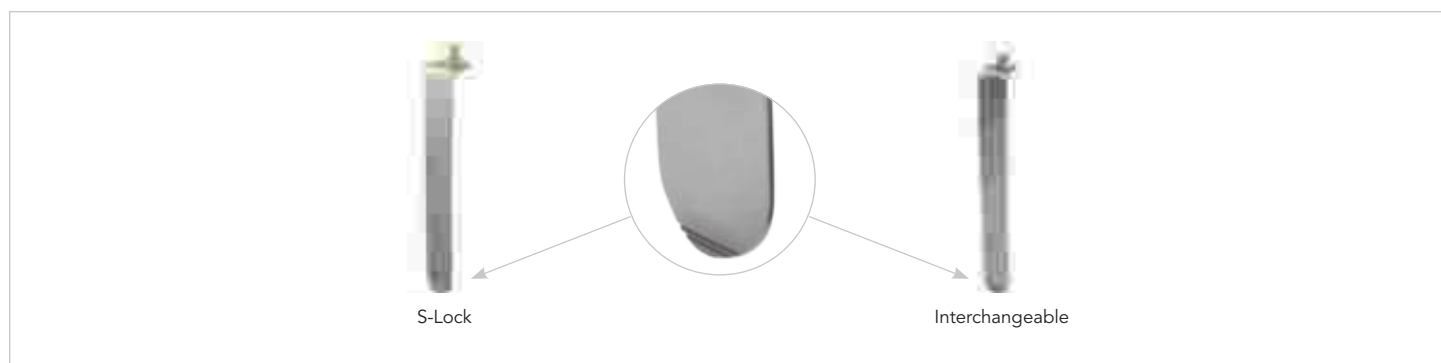
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
32mm x 76mm (1 ¼" x 3")	SL46185	46185	—	45185	—
25mm x 64mm (1" x 2 ½")	SL46186	46186	—	45186	—

RECTAL BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
13mm x 117mm (½" x 4 ½")	SL46187	46187	—	45187	—

BRAU REVERSE LIP RIGID BLADES (SHORT NECK)

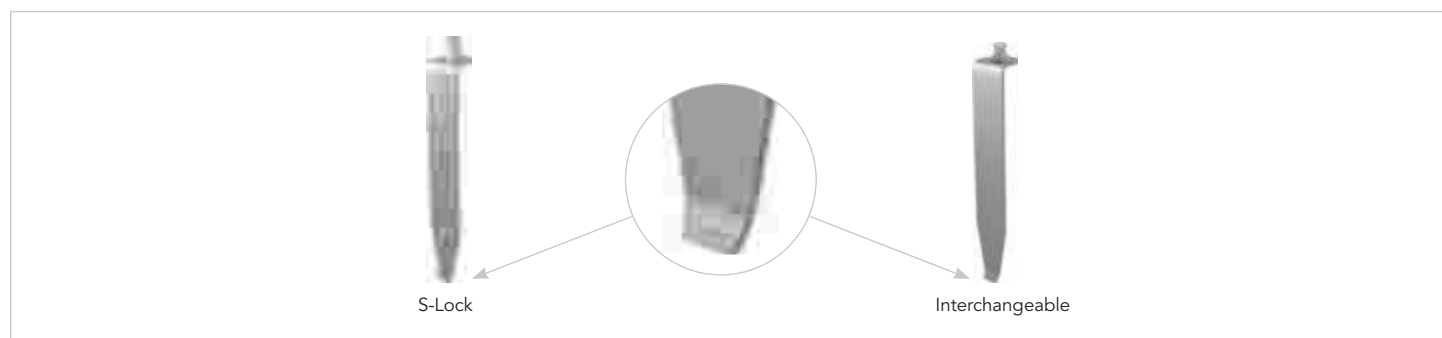


ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent Rigid 25mm x 100mm (1" x 4")	SL46260RET	46260RET	—	—	—
Radiolucent Rigid 25mm x 110mm (1" x 4 3/8")	SL46261RET	46261RET	—	—	—
Radiolucent Rigid 25mm x 120mm (1" x 4 3/4")	SL46262RET	46262RET	—	—	—
Radiolucent Rigid 25mm x 130mm (1" x 5 1/8")	SL46263RET	46263RET	—	—	—
Radiolucent Rigid 25mm x 140mm (1" x 5 1/2")	SL46264RET	46264RET	—	—	—
Radiolucent Rigid 25mm x 150mm (1" x 5 7/8")	SL46265RET	46265RET	—	—	—
Radiolucent Rigid 25mm x 160mm (1" x 6 1/4")	SL46266RET	46266RET	—	—	—
Radiolucent Rigid 25mm x 170mm (1" x 6 5/8")	SL46267RET	46267RET	—	—	—
Radiolucent Rigid 25mm x 180mm (1" x 7")	SL46268RET	46268RET	—	—	—
Radiolucent Rigid 25mm x 190mm (1" x 7 1/2")	SL46269RET	46269RET	—	—	—
Radiolucent Rigid 25mm x 200mm (1" x 7 7/8")	SL46270RET	46270RET	—	—	—
Radiolucent Rigid 25mm x 210mm (1" x 8 1/4")	SL46271RET	46271RET	—	—	—
Radiolucent Rigid 25mm x 220mm (1" x 8 5/8")	SL46272RET	46272RET	—	—	—
Radiolucent Rigid 25mm x 230mm (1" x 9")	SL46273RET	46273RET	—	—	—
Radiolucent Rigid 25mm x 240mm (1" x 9 1/2")	SL46274RET	46274RET	—	—	—
Radiolucent Rigid 25mm x 250mm (1" x 9 7/8")	SL46275RET	46275RET	—	—	—
Radiolucent Rigid 32mm x 100mm (1 1/4" x 4")	SL46280RET	46280RET	—	—	—
Radiolucent Rigid 32mm x 110mm (1 1/4" x 4 3/8")	SL46281RET	46281RET	—	—	—
Radiolucent Rigid 32mm x 120mm (1 1/4" x 4 3/4")	SL46282RET	46282RET	—	—	—
Radiolucent Rigid 32mm x 130mm (1 1/4" x 5 1/8")	SL46283RET	46283RET	—	—	—
Radiolucent Rigid 32mm x 140mm (1 1/4" x 5 1/2")	SL46284RET	46284RET	—	—	—
Radiolucent Rigid 32mm x 150mm (1 1/4" x 5 7/8")	SL46285RET	46285RET	—	—	—
Radiolucent Rigid 32mm x 160mm (1 1/4" x 6 1/4")	SL46286RET	46286RET	—	—	—
Radiolucent Rigid 32mm x 170mm (1 1/4" x 6 5/8")	SL46287RET	46287RET	—	—	—
Radiolucent Rigid 32mm x 180mm (1 1/4" x 7")	SL46288RET	46288RET	—	—	—

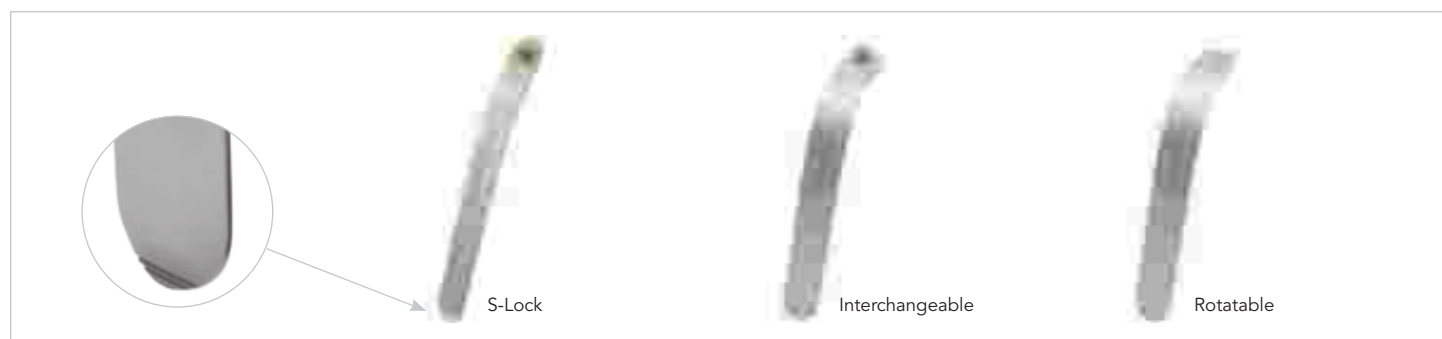
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BRAU REVERSE LIP RIGID BLADES (SHORT NECK) (Continued)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent Rigid 32mm x 190mm (1 ¼" x 7 ½")	SL46289RET	46289RET	—	—	—
Radiolucent Rigid 32mm x 200mm (1 ¼" x 7 ⅞")	SL46290RET	46290RET	—	—	—
Radiolucent Rigid 32mm x 210mm (1 ¼" x 8 ¼")	SL46291RET	46291RET	—	—	—
Radiolucent Rigid 32mm x 220mm (1 ¼" x 8 ⅞")	SL46292RET	46292RET	—	—	—
Radiolucent Rigid 32mm x 230mm (1 ¼" x 9")	SL46293RET	46293RET	—	—	—
Radiolucent Rigid 32mm x 240mm (1 ¼" x 9 ½")	SL46294RET	46294RET	—	—	—
Radiolucent Rigid 32mm x 250mm (1 ¼" x 9 ⅞")	SL46295RET	46295RET	—	—	—

BRAU REVERSE LIP TAPERED BLADES (SHORT NECK)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent Tapered 25mm x 100mm (1" x 4")	SL46260TET	46260TET	—	—	—
Radiolucent Tapered 25mm x 150mm (1" x 5 ⅞")	SL46265TET	46265TET	—	—	—
Radiolucent Tapered 25mm x 200mm (1" x 7 ⅞")	SL46270TET	46270TET	—	—	—
Radiolucent Tapered 25mm x 250mm (1" x 9 ⅞")	SL46275TET	46275TET	—	—	—

BRAU REVERSE LIP MALLEABLE BLADES

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent Malleable 25mm x 200mm (1" x 7 ⅞")	SL46192ET	46192ET	45092E	—	—
Radiolucent Malleable 32mm x 200mm (1 ¼" x 7 ⅞")	SL46193ET	46193ET	45093E	—	—

BRAU REVERSE LIP BLADES (LONG NECK)



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent Rigid 25mm x 100mm (1" x 4")	SL46194RET	46194RET	45094RE	45194RE	—
Radiolucent Rigid 25mm x 150mm (1" x 5 7/8")	SL46195RET	46195RET	45095RE	45195RE	—
Radiolucent Rigid 25mm x 200mm (1" x 7 7/8")	SL46196RET	46196RET	45096RE	45196RE	—
Radiolucent Rigid 32mm x 100mm (1 1/4" x 4")	SL46197RET	46197RET	45097RE	45197RE	—
Radiolucent Rigid 32mm x 150mm (1 1/4" x 5 7/8")	SL46198RET	46198RET	45098RE	45198RE	—
Radiolucent Rigid 32mm x 200mm (1 1/4" x 7 7/8")	SL46199RET	46199RET	45099RE	45199RE	—
Radiolucent Rigid 25mm x 255mm (1" x 10")	SL46200RET	46200RET	—	45200RE	—
Radiolucent Rigid 32mm x 255mm (1 1/4" x 10")	SL46201RET	46201RET	—	45201RE	—
Radiolucent Tapered 25mm x 150mm (1" x 5 7/8")	SL46195TET	46195TET	45095TE	—	—
Radiolucent Tapered 25mm x 200mm (1" x 7 7/8")	SL46196TET	46196TET	45096TE	—	—
Radiolucent Rigid 25mm x 100mm (1" x 4") (flat blade)	SL46194ET	46194ET	45094E	—	—
Radiolucent Rigid 25mm x 150mm (1" x 5 7/8") (flat blade)	SL46195ET	46195ET	45095E	45195E	—
Radiolucent Rigid 25mm x 200mm (1" x 7 7/8") (flat blade)	SL46196ET	46196ET	45096E	—	—
Radiolucent Rigid 32mm x 100mm (1 1/4" x 4") (flat blade)	SL46197ET	46197ET	45097E	—	—
Radiolucent Rigid 32mm x 150mm (1 1/4" x 5 7/8") (flat blade)	SL46198ET	46198ET	45098E	—	—
Radiolucent Rigid 32mm x 200mm (1 1/4" x 7 7/8") (flat blade)	SL46199ET	46199ET	45099E	—	—
Radiolucent Rigid 25mm x 255mm (1" x 10") (flat blade)	SL46200ET	46200ET	—	—	—
Radiolucent Rigid 32mm x 255mm (1 1/4" x 10") (flat blade)	SL46201ET	46201ET	—	—	—
Radiolucent Rigid Concave 25mm x 200mm (1" x 7 7/8")	SL46196CET	46196CET	—	—	—
Radiolucent Rigid Concave 32mm x 200mm (1 1/4" x 7 7/8")	SL46199CET	46199CET	—	—	—
Radiolucent Rigid Concave 25mm x 255mm (1" x 10")	SL46200CET	46200CET	—	—	—
Radiolucent Rigid Concave 32mm x 255mm (1 1/4" x 10")	SL46201CET	46201CET	—	—	—

CONCAVE RENAL VEIN BLADES (SHORT NECK)



S-Lock



Interchangeable

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 25mm x 80mm (1" x 3 1/8")	SL46558	46558	—	—	—
Radiolucent 25mm x 90mm (1" x 3 1/2")	SL46559	46559	—	—	—
Radiolucent 25mm x 100mm (1" x 4")	SL46560	46560	—	—	—
Radiolucent 25mm x 110mm (1" x 4 3/8")	SL46561	46561	—	—	—
Radiolucent 25mm x 120mm (1" x 4 3/4")	SL46562	46562	—	—	—
Radiolucent 25mm x 130mm (1" x 5 1/8")	SL46563	46563	—	—	—
Radiolucent 25mm x 140mm (1" x 5 1/2")	SL46564	46564	—	—	—
Radiolucent 25mm x 150mm (1" x 5 7/8")	SL46565	46565	—	—	—
Radiolucent 25mm x 160mm (1" x 6 1/4")	SL46566	46566	—	—	—
Radiolucent 25mm x 170mm (1" x 6 5/8")	SL46567	46567	—	—	—
Radiolucent 25mm x 180mm (1" x 7")	SL46568	46568	—	—	—
Radiolucent 25mm x 190mm (1" x 7 1/2")	SL46569	46569	—	—	—
Radiolucent 25mm x 200mm (1" x 7 7/8")	SL46570	46570	—	—	—
Radiolucent 25mm x 210mm (1" x 8 1/4")	SL46571	46571	—	—	—
Radiolucent 25mm x 220mm (1" x 8 5/8")	SL46572	46572	—	—	—
Radiolucent 25mm x 230mm (1" x 9")	SL46573	46573	—	—	—
Radiolucent 25mm x 240mm (1" x 9 1/2")	SL46574	46574	—	—	—
Radiolucent 25mm x 250mm (1" x 9 7/8")	SL46575	46575	—	—	—

CONCAVE LATERAL BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
18mm x 70mm (5/8" x 2 3/4")	SL45640A	45640A	—	S45640Q	—
19mm x 55mm (3/4" x 2 1/4")	SL45150A	45150A	—	—	—
25mm x 30mm (1" x 1 1/4")	SL45156A	45156A	—	—	—
25mm x 35mm (1" x 1 1/2")	SL45157A	45157A	—	—	—
25mm x 50mm (1" x 2")	SL45151A	45151A	—	—	—
25mm x 60mm (1" x 2 3/8")	SL45158A	45158A	—	—	—
25mm x 70mm (1" x 2 3/4")	SL45159A	45159A	—	—	—
25mm x 85mm (1" x 3 3/8")	SL45152A	45152A	—	—	—
Radiolucent 23mm x 35mm (1" x 1 3/8")	SL46312AT	46312AT	—	—	—
Radiolucent 23mm x 40mm (1" x 1 1/2")	SL46314AT	46314AT	—	—	—
Radiolucent 23mm x 45mm (1" x 1 3/4")	SL46316AT	46316AT	—	—	—
Radiolucent 23mm x 50mm (1" x 2")	SL46318AT	46318AT	—	—	—
Radiolucent 23mm x 55mm (1" x 2 1/8")	SL46320AT	46320AT	—	—	—
Radiolucent 23mm x 60mm (1" x 2 3/8")	SL46322AT	46322AT	—	—	—
Radiolucent 23mm x 65mm (1" x 2 1/2")	SL46324AT	46324AT	—	—	—
Radiolucent 23mm x 70mm (1" x 2 3/4")	SL46326AT	46326AT	—	—	—
Radiolucent 23mm x 75mm (1" x 3")	SL46328AT	46328AT	—	—	—
Radiolucent 23mm x 80mm (1" x 3 1/8")	SL46330AT	46330AT	—	—	—
Radiolucent 23mm x 85mm (1" x 3 3/8")	SL46332AT	46332AT	—	—	—
Radiolucent 23mm x 90mm (1" x 3 1/2")	SL46334AT	46334AT	—	—	—
Radiolucent 23mm x 95mm (1" x 3 3/4")	SL46336AT	46336AT	—	—	—
Radiolucent 23mm x 100mm (1" x 4")	SL46338AT	46338AT	—	—	—
Radiolucent 23mm x 105mm (1" x 4 1/8")	SL46340AT	46340AT	—	—	—
Radiolucent 23mm x 110mm (1" x 4 3/8")	SL46342AT	46342AT	—	—	—
Radiolucent 23mm x 115mm (1" x 4 1/2")	SL46344AT	46344AT	—	—	—
Radiolucent 23mm x 120mm (1" x 4 3/4")	SL46346AT	46346AT	—	—	—

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CONCAVE LATERAL BLADES (Continued)

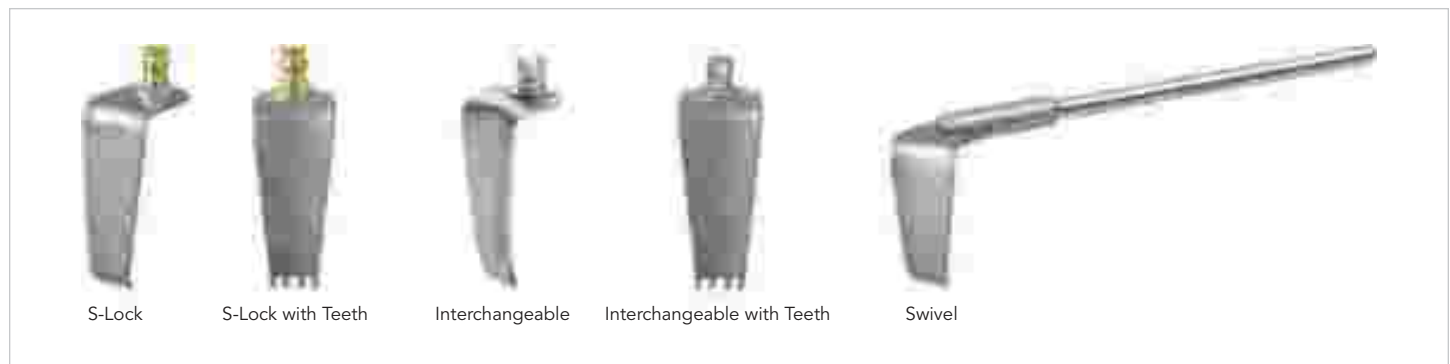
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 22mm x 60mm ($\frac{7}{8}$ " x 2 $\frac{3}{8}$ ")	SL45150AT	45150AT	—	—	—
Radiolucent 22mm x 70mm ($\frac{7}{8}$ " x 2 $\frac{3}{4}$ ")	SL45151AT	45151AT	—	—	—
Radiolucent 22mm x 80mm ($\frac{7}{8}$ " x 3 $\frac{1}{8}$ ")	SL45152AT	45152AT	—	—	—

CONCAVE LATERAL BLADES WITH TEETH



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent with Teeth 23mm x 35mm (1" x 1 $\frac{3}{8}$ ")	SL46312ATT	46312ATT	—	—	—
Radiolucent with Teeth 23mm x 40mm (1" x 1 $\frac{1}{2}$ ")	SL46314ATT	46314ATT	—	—	—
Radiolucent with Teeth 23mm x 45mm (1" x 1 $\frac{3}{4}$ ")	SL46316ATT	46316ATT	—	—	—
Radiolucent with Teeth 23mm x 50mm (1" x 2")	SL46318ATT	46318ATT	—	—	—
Radiolucent with Teeth 23mm x 55mm (1" x 2 $\frac{1}{8}$ ")	SL46320ATT	46320ATT	—	—	—
Radiolucent with Teeth 23mm x 60mm (1" x 2 $\frac{3}{8}$ ")	SL46322ATT	46322ATT	—	—	—
Radiolucent with Teeth 23mm x 65mm (1" x 2 $\frac{1}{2}$ ")	SL46324ATT	46324ATT	—	—	—
Radiolucent with Teeth 23mm x 70mm (1" x 2 $\frac{3}{4}$ ")	SL46326ATT	46326ATT	—	—	—
Radiolucent with Teeth 23mm x 75mm (1" x 3")	SL46328ATT	46328ATT	—	—	—
Radiolucent with Teeth 23mm x 80mm (1" x 3 $\frac{1}{8}$ ")	SL46330ATT	46330ATT	—	—	—
Radiolucent with Teeth 23mm x 85mm (1" x 3 $\frac{3}{8}$ ")	SL46332ATT	46332ATT	—	—	—
Radiolucent with Teeth 23mm x 90mm (1" x 3 $\frac{1}{2}$ ")	SL46334ATT	46334ATT	—	—	—
Radiolucent with Teeth 23mm x 95mm (1" x 3 $\frac{3}{4}$ ")	SL46336ATT	46336ATT	—	—	—
Radiolucent with Teeth 23mm x 100mm (1" x 4")	SL46338ATT	46338ATT	—	—	—
Radiolucent with Teeth 23mm x 105mm (1" x 4 $\frac{1}{8}$ ")	SL46340ATT	46340ATT	—	—	—
Radiolucent with Teeth 23mm x 110mm (1" x 4 $\frac{3}{8}$ ")	SL46342ATT	46342ATT	—	—	—
Radiolucent with Teeth 23mm x 115mm (1" x 4 $\frac{1}{2}$ ")	SL46344ATT	46344ATT	—	—	—
Radiolucent with Teeth 23mm x 120mm (1" x 4 $\frac{3}{4}$ ")	SL46346ATT	46346ATT	—	—	—
Radiolucent with Teeth 22mm x 60mm ($\frac{7}{8}$ " x 2 $\frac{3}{8}$ ")	SL45150ATT	45150ATT	—	—	—
Radiolucent with Teeth 22mm x 70mm ($\frac{7}{8}$ " x 2 $\frac{3}{4}$ ")	SL45151ATT	45151ATT	—	—	—
Radiolucent with Teeth 22mm x 80mm ($\frac{7}{8}$ " x 3 $\frac{1}{8}$ ")	SL45152ATT	45152ATT	—	—	—

CONCAVE TAPERED BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
19mm x 35mm ($\frac{3}{4}$ " x $1\frac{3}{8}$ ")	SL45643A	45643A	—	—	—
19mm x 45mm ($\frac{3}{4}$ " x $1\frac{3}{4}$ ")	SL45645A	45645A	—	S45645Q	—
19mm x 50mm ($\frac{3}{4}$ " x 2")	SL45646A	45646A	—	—	—
45mm x 50mm ($1\frac{3}{4}$ " x 2")	SL45641A	45641A	—	—	—
45mm x 65mm ($1\frac{3}{4}$ " x $2\frac{3}{4}$ ")	SL45642A	45642A	—	—	—
Radiolucent 23mm x 35mm ($1"$ x $1\frac{3}{8}$ ")	SL45643AT	45643AT	—	—	—
Radiolucent 23mm x 40mm ($1"$ x $1\frac{1}{2}$ ")	SL45644AT	45644AT	—	—	—
Radiolucent 23mm x 45mm ($1"$ x $1\frac{3}{4}$ ")	SL45645AT	45645AT	—	—	—
Radiolucent 23mm x 50mm ($1"$ x 2")	SL45646AT	45646AT	—	—	—
Radiolucent 23mm x 55mm ($1"$ x $2\frac{1}{8}$ ")	SL45647AT	45647AT	—	—	—
Radiolucent 23mm x 60mm ($1"$ x $2\frac{3}{8}$ ")	SL45648AT	45648AT	—	—	—
Radiolucent 23mm x 65mm ($1"$ x $2\frac{1}{2}$ ")	SL45649AT	45649AT	—	—	—
Radiolucent 23mm x 70mm ($1"$ x $2\frac{3}{4}$ ")	SL45650AT	45650AT	—	—	—
Radiolucent 23mm x 75mm ($1"$ x 3")	SL45651AT	—	—	—	—
Radiolucent 23mm x 80mm ($1"$ x $3\frac{1}{8}$ ")	SL45652AT	—	—	—	—
Radiolucent 51mm x 50mm ($2"$ x 2")	SL45641AT	45641AT	—	—	—
Radiolucent 51mm x 65mm ($2"$ x $2\frac{1}{2}$ ")	SL45642AT	45642AT	—	—	—
Radiolucent with Teeth 23mm x 35mm ($1"$ x $1\frac{3}{8}$ ")	SL45643ATT	45643ATT	—	—	—
Radiolucent with Teeth 23mm x 40mm ($1"$ x $1\frac{1}{2}$ ")	SL45644ATT	45644ATT	—	—	—
Radiolucent with Teeth 23mm x 45mm ($1"$ x $1\frac{3}{4}$ ")	SL45645ATT	45645ATT	—	—	—
Radiolucent with Teeth 23mm x 50mm ($1"$ x 2")	SL45646ATT	45646ATT	—	—	—
Radiolucent with Teeth 23mm x 55mm ($1"$ x $2\frac{1}{8}$ ")	SL45647ATT	45647ATT	—	—	—
Radiolucent with Teeth 23mm x 60mm ($1"$ x $2\frac{3}{8}$ ")	SL45648ATT	45648ATT	—	—	—
Radiolucent with Teeth 23mm x 65mm ($1"$ x $2\frac{1}{2}$ ")	SL45649ATT	45649ATT	—	—	—
Radiolucent with Teeth 23mm x 70mm ($1"$ x $2\frac{3}{4}$ ")	SL45650ATT	45650ATT	—	—	—

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CONCAVE TAPERED BLADES (Continued)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent with Teeth 23mm x 75mm (1" x 3")	SL45651ATT	—	—	—	—
Radiolucent with Teeth 23mm x 80mm (1" x 3 1/8")	SL45652ATT	—	—	—	—
Radiolucent with Teeth 51mm x 50mm (2" x 2")	SL45641ATT	45641ATT	—	—	—
Radiolucent with Teeth 51mm x 65mm (2" x 2 1/2")	SL45642ATT	45642ATT	—	—	—

CONCAVE LONGITUDINAL BLADES

S-Lock



Interchangeable

ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
25mm x 30mm (1" x 1 1/4")	SL45160A	45160A	—	—	—
25mm x 50mm (1" x 2")	SL45161A	45161A	—	—	—
25mm x 70mm (1" x 2 3/4")	SL45162A	45162A	—	—	—
Radiolucent 23mm x 30mm (1" x 1 1/4")	SL45160AT	45160AT	—	—	—
Radiolucent 23mm x 40mm (1" x 2")	SL45161AT	45161AT	—	—	—
Radiolucent 23mm x 50mm (1" x 2 3/4")	SL45162AT	45162AT	—	—	—
Radiolucent 23mm x 60mm (1" x 2 3/8")	SL45163AT	45163AT	—	—	—
Radiolucent 23mm x 70mm (1" x 2 3/4")	SL45164AT	45164AT	—	—	—
Radiolucent 23mm x 80mm (1" x 3 1/8")	SL45165AT	45165AT	—	—	—
Radiolucent 23mm x 90mm (1" x 3 1/2")	SL45166AT	45166AT	—	—	—
Radiolucent 23mm x 100mm (1" x 4")	SL45167AT	45167AT	—	—	—
Radiolucent 23mm x 110mm (1" x 4 3/8")	SL45168AT	45168AT	—	—	—

CONCAVE MICRO BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ITEM DESCRIPTION	S-LOCK #	INTERCH. #
Radiolucent 14mm x 35mm (½" x 1 ⅜")	SL46510AT	46510AT	Radiolucent with Teeth 14mm x 35mm (½" x 1 ⅜")	SL46510ATT	46510ATT
Radiolucent 14mm x 40mm (½" x 1 ½")	SL46512AT	46512AT	Radiolucent with Teeth 14mm x 40mm (½" x 1 ½")	SL46512ATT	46512ATT
Radiolucent 14mm x 45mm (½" x 1 ¾")	SL46514AT	46514AT	Radiolucent with Teeth 14mm x 45mm (½" x 1 ¾")	SL46514ATT	46514ATT
Radiolucent 14mm x 50mm (½" x 2")	SL46516AT	46516AT	Radiolucent with Teeth 14mm x 50mm (½" x 2")	SL46516ATT	46516ATT
Radiolucent 14mm x 55mm (½" x 2 ⅛")	SL46518AT	46518AT	Radiolucent with Teeth 14mm x 55mm (½" x 2 ⅛")	SL46518ATT	46518ATT
Radiolucent 14mm x 60mm (½" x 2 ⅜")	SL46520AT	46520AT	Radiolucent with Teeth 14mm x 60mm (½" x 2 ⅜")	SL46520ATT	46520ATT
Radiolucent 14mm x 65mm (½" x 2 ½")	SL46523AT *	46523AT *	Radiolucent with Teeth 14mm x 65mm (½" x 2 ½")	SL46523ATT *	46523ATT *
Radiolucent 14mm x 70mm (½" x 2 ¾")	SL46524AT *	46524AT *	Radiolucent with Teeth 14mm x 70mm (½" x 2 ¾")	SL46524ATT *	46524ATT *
Radiolucent 14mm x 75mm (½" x 3")	SL46526AT *	46526AT *	Radiolucent with Teeth 14mm x 75mm (½" x 3")	SL46526ATT *	46526ATT *
Radiolucent 14mm x 80mm (½" x 3 ⅛")	SL46528AT *	46528AT *	Radiolucent with Teeth 14mm x 80mm (½" x 3 ⅛")	SL46528ATT *	46528ATT *

* Slightly thicker blade.

ODONTOID BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 20mm x 90mm (¾" x 3 ½")	SL45666AT	45666AT	—	—	—

MIS TAPERED (SYD) BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 15mm x 23mm x 35mm ($\frac{5}{8}$ " x 1" x 1 $\frac{3}{8}$ ")	SL45624AT	45624AT	—	—	—
Radiolucent 15mm x 23mm x 40mm ($\frac{5}{8}$ " x 1" x 1 $\frac{1}{2}$ ")	SL45625AT	45625AT	—	—	—
Radiolucent 15mm x 23mm x 45mm ($\frac{5}{8}$ " x 1" x 1 $\frac{3}{4}$ ")	SL45626AT	45626AT	—	—	—
Radiolucent 15mm x 23mm x 50mm ($\frac{5}{8}$ " x 1" x 2")	SL45627AT	45627AT	—	—	—
Radiolucent 15mm x 23mm x 55mm ($\frac{5}{8}$ " x 1" x 2 $\frac{1}{8}$ ")	SL45628AT	45628AT	—	—	—
Radiolucent 15mm x 23mm x 60mm ($\frac{5}{8}$ " x 1" x 2 $\frac{3}{8}$ ")	SL45629AT	45629AT	—	—	—
Radiolucent 15mm x 23mm x 65mm ($\frac{5}{8}$ " x 1" x 2 $\frac{1}{2}$ ")	SL45630AT	45630AT	—	—	—
Radiolucent 15mm x 23mm x 70mm ($\frac{5}{8}$ " x 1" x 2 $\frac{3}{4}$ ")	SL45631AT	45631AT	—	—	—
Radiolucent 15mm x 23mm x 75mm ($\frac{5}{8}$ " x 1" x 3")	SL45632AT	45632AT	—	—	—

MIDLINE BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Right 70mm x 83mm (2 $\frac{3}{4}$ " x 3 $\frac{1}{4}$ ")	SL45750A	45750A	—	—	—
Left 70mm x 83mm (2 $\frac{3}{4}$ " x 3 $\frac{1}{4}$ ")	SL45751A	45751A	—	—	—
Left 57mm x 83mm (2 $\frac{1}{4}$ " x 3 $\frac{1}{4}$ ")	SL45755A	45755A	—	—	—
Right 57mm x 83mm (2 $\frac{1}{4}$ " x 3 $\frac{1}{4}$ ")	SL45754A	45754A	—	—	—
Radiolucent Right 70mm x 83mm (2 $\frac{3}{4}$ " x 3 $\frac{1}{4}$ ")	SL45750AT	45750AT	—	—	—
Radiolucent Left 70mm x 83mm (2 $\frac{3}{4}$ " x 3 $\frac{1}{4}$ ")	SL45751AT	45751AT	—	—	—

CONCAVE MEDIAL BLADES



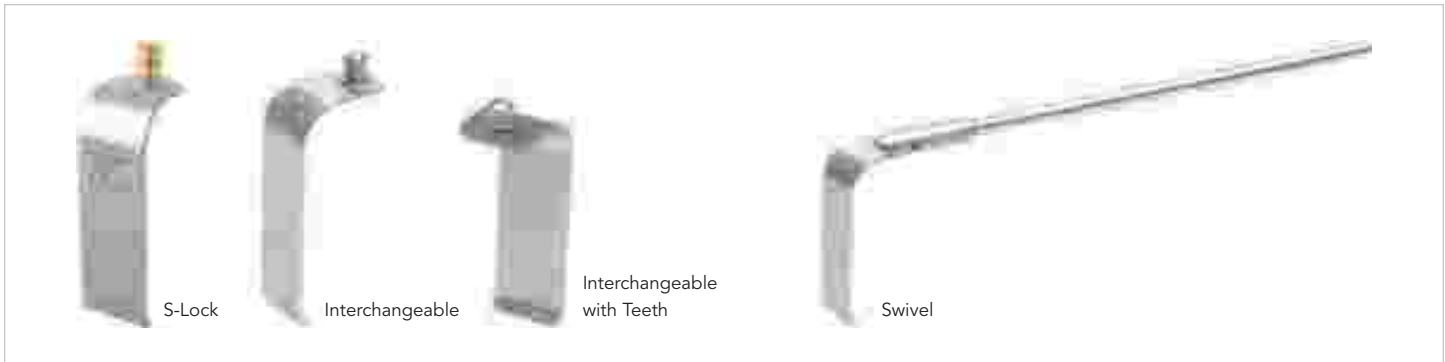
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
13mm x 51mm (½" x 2")	SL45212A	45212A	—	—	—
13mm x 75mm (½" x 3")	SL45214A	45214A	—	—	—
13mm x 100mm (½" x 4")	SL45216A	45216A	—	—	—
19mm x 51mm (¾" x 2")	SL45222A	45222A	—	—	—
19mm x 75mm (¾" x 3")	SL45224A	45224A	—	—	—
19mm x 100mm (¾" x 4")	SL45226A	45226A	—	—	—
25mm x 51mm (1" x 2")	SL45232A	45232A	—	—	—
25mm x 75mm (1" x 3")	SL45234A	45234A	—	—	—
25mm x 100mm (1" x 4")	SL45236A	45236A	—	—	—
32mm x 70mm (1 ¼" x 2 ¾")	SL45153A	45153A	—	—	—
38mm x 70mm (1 ½" x 2 ¾")	SL45154A	45154A	—	—	—
38mm x 85mm (1 ½" x 3 ⅝")	SL45155A	45155A	—	—	—

ARMY-NAVY BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
13mm x 55mm (½" x 2 ⅛")	SL45620A	45620A	—	S45620Q	45620Q
13mm x 65mm (½" x 2 ⅝")	SL45621A	45621A	—	S45621Q	45621Q
13mm x 75mm (½" x 3 ⅛")	SL45622A	45622A	—	S45622Q	45622Q

MEYERDING BLADES



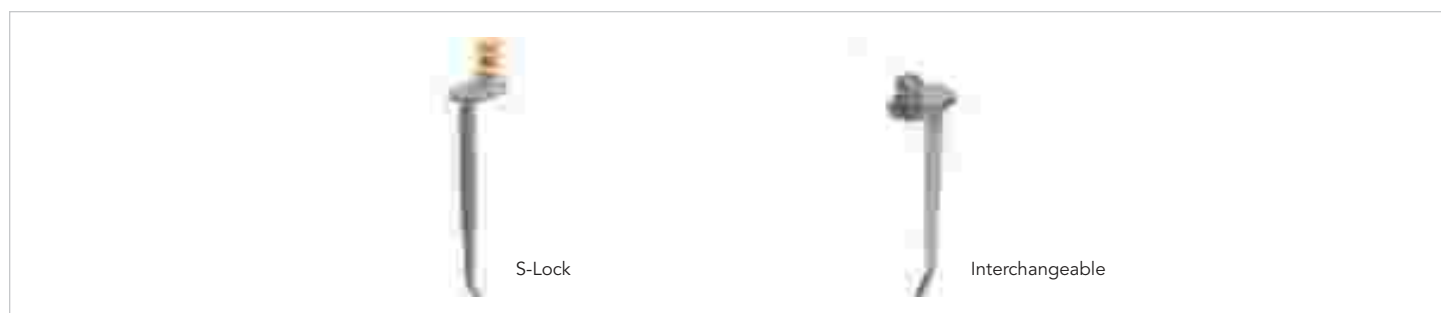
ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
16mm x 51mm ($\frac{5}{8}$ " x 2")	SL45614A	45614A	—	—	—
16mm x 75mm ($\frac{5}{8}$ " x 3")	SL45600A	45600A	—	—	—
16mm x 100mm ($\frac{5}{8}$ " x 4")	SL45601A	45601A	—	S45601Q	—
25mm x 60mm (1" x 2 $\frac{3}{8}$ ")	SL45610A	45610A	—	—	—
25mm x 75mm (1" x 3")	SL45611A	45611A	—	S45611Q	—
25mm x 100mm (1" x 4")	SL45602A	45602A	—	—	—
25mm x 125mm (1" x 5")	SL45603A	45603A	—	—	—
51mm x 60mm (2" x 2 $\frac{3}{8}$ ")	SO45612A	45612A	—	—	—
51mm x 75mm (2" x 3")	SO45613A	45613A	—	—	—
51mm x 100mm (2" x 4")	SO45615A	45615A	—	—	—
51mm x 125mm (2" x 5")	SO45616A	45616A	—	S45616Q	—
Radiolucent 51mm x 60mm (2" x 2 $\frac{3}{8}$ ")	SO45612AET	45612AET	—	—	—
With Teeth 16mm x 51mm ($\frac{5}{8}$ " x 2")	SL45614AT	45614AT	—	—	—
With Teeth 16mm x 75mm ($\frac{5}{8}$ " x 3")	SL45600AT	45600AT	—	—	—
With Teeth 16mm x 100mm ($\frac{5}{8}$ " x 4")	SL45601AT	45601AT	—	—	—
With Teeth 25mm x 60mm (1" x 2 $\frac{3}{8}$ ")	SL45610AT	45610AT	—	—	—
With Teeth 25mm x 75mm (1" x 3")	SL45611AT	45611AT	—	—	—
With Teeth 25mm x 100mm (1" x 4")	SL45602AT	45602AT	—	—	—
With Teeth 25mm x 115mm (1" x 4 $\frac{1}{2}$ ")	SL45618AT	—	—	—	—
With Teeth 25mm x 125mm (1" x 5")	SL45603AT	45603AT	—	—	—
With Teeth 38mm x 165mm (1 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ ")	SL45619AT	—	—	—	—
With Teeth 51mm x 60mm (2" x 2 $\frac{3}{8}$ ")	SO45612AT	45612AT	—	—	—
With Teeth 51mm x 75mm (2" x 3")	SO45613AT	45613AT	—	—	—
With Teeth 51mm x 100mm (2" x 4")	SO45615AT	45615AT	—	—	—
With Teeth 51mm x 125mm (2" x 5")	SO45616AT	45616AT	—	—	—
Radiolucent with Teeth 51mm x 60mm (2" x 2 $\frac{3}{8}$ ")	SO45612AETT	45612AETT	—	—	—

CONCAVE POSTERIOR LUMBAR BLADES



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
Radiolucent 23mm x 80mm ($\frac{7}{8}$ " x 3 $\frac{1}{8}$ ")	SO45670ATTC	45670ATTC	—	—	—
Radiolucent 45mm x 80mm (1 $\frac{3}{4}$ " x 3 $\frac{1}{8}$ ")	SO45671ATTC	45671ATTC	—	—	—
Radiolucent 60mm x 80mm (2 $\frac{3}{8}$ " x 3 $\frac{1}{8}$ ")	SO45672ATTC	45672ATTC	—	—	—
Radiolucent 23mm x 100mm ($\frac{7}{8}$ " x 4")	SO45673ATTC	45673ATTC	—	—	—
Radiolucent 45mm x 100mm (1 $\frac{3}{4}$ " x 4")	SO45674ATTC	45674ATTC	—	—	—
Radiolucent 60mm x 100mm (2 $\frac{3}{8}$ " x 4")	SO45675ATTC	45675ATTC	—	—	—
Radiolucent 23mm x 120mm ($\frac{7}{8}$ " x 4 $\frac{3}{4}$ ")	SO45676ATTC	45676ATTC	—	—	—
Radiolucent 45mm x 120mm (1 $\frac{3}{4}$ " x 4 $\frac{3}{4}$ ")	SO45677ATTC	45677ATTC	—	—	—
Radiolucent 60mm x 120mm (2 $\frac{3}{8}$ " x 4 $\frac{3}{4}$ ")	SO45678ATTC	45678ATTC	—	—	—
Radiolucent 23mm x 150mm ($\frac{7}{8}$ " x 5 $\frac{7}{8}$ ")	SO45679ATTC	45679ATTC	—	—	—
Radiolucent 45mm x 150mm (1 $\frac{3}{4}$ " x 5 $\frac{7}{8}$ ")	SO45680ATTC	45680ATTC	—	—	—
Radiolucent 60mm x 150mm (2 $\frac{3}{8}$ " x 5 $\frac{7}{8}$ ")	SO45681ATTC	45681ATTC	—	—	—
Radiolucent 23mm x 180mm ($\frac{7}{8}$ " x 7")	SO45682ATTC	45682ATTC	—	—	—
Radiolucent 45mm x 180mm (1 $\frac{3}{4}$ " x 7")	SO45683ATTC	45683ATTC	—	—	—
Radiolucent 60mm x 180mm (2 $\frac{3}{8}$ " x 7")	SO45684ATTC	45684ATTC	—	—	—

PRONG RETRACTORS



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
75mm (3")	SL45760A	45760A	—	—	—
100mm (4")	SL45761A	45761A	—	—	—

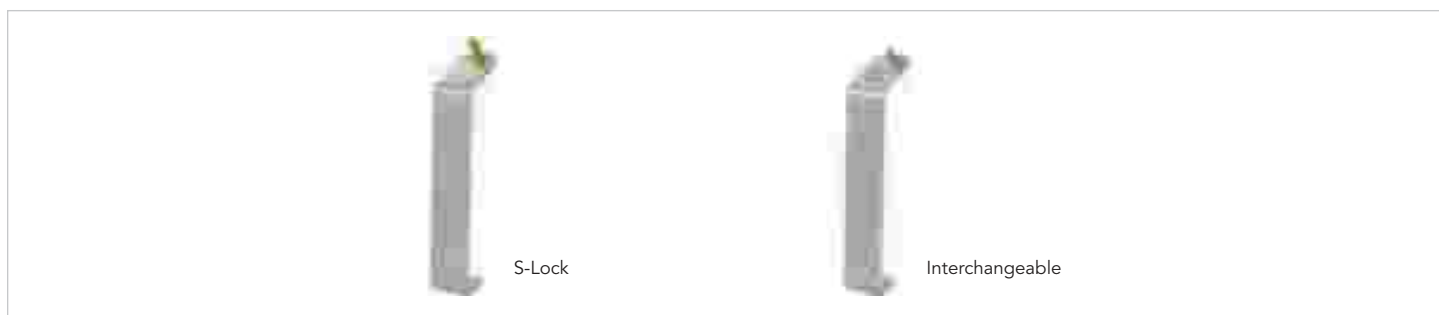
NERVE ROOT RETRACTORS



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
90° 5mm x 123mm (1/4" x 4 7/8")	—	45752A *	—	—	—
45° 8mm x 145mm (3/8" x 5 3/4")	—	45753A *	—	—	—
9mm x 114mm (3/8" x 4 1/2")	—	45650A	—	—	—
13mm x 114mm (1/2" x 4 1/2")	—	45651A	—	—	—

* Flexible Blade Holder (42140C) required for use.

PERESS BLADES **



ITEM DESCRIPTION	S-LOCK #	INTERCH. #	ROTATABLE #	SWIVEL #	FIXED #
35mm x 102mm (1 3/8" x 4")	SL45607A	45607A	—	—	—
35mm x 127mm (1 3/8" x 5")	SL45608A	45608A	—	—	—
35mm x 152mm (1 3/8" x 6")	SL45609A	45609A	—	—	—
60mm x 102mm (2 3/8" x 4")	SL45604A	45604A	—	—	—
60mm x 127mm (2 3/8" x 5")	SL45605A	45605A	—	—	—
60mm x 152mm (2 3/8" x 6")	SL45606A	45606A	—	—	—

** Peress Blades are available, but may require a longer lead time.

Unique System Components

Anterior Lumbar Ring 61

Laparoscopic 62-63

Cardiothoracic 64-65

 Bolling Mitral Valve 64-65

 Drake Hook..... 65

Hip 66-67

MIS PLA® 68-71

CCA 72

Body Contouring 73



EXTENSION ARM (CURRENT)

ITEM DESCRIPTION	PART #
Extension Arm with Fixed Hinge Joint	44615FH



DUAL ANGLE HANDLE (CURRENT)

ITEM DESCRIPTION	PART #
Dual Angle Handle	SL42101



RAIL CLAMP WITH EXTENSION ARM (CURRENT)

ITEM DESCRIPTION	PART #
Elite III Rail Clamp with Extension Arm Fixed Hinge Joint	44616EFH



FREE ANGLE HANDLE (CURRENT)

ITEM DESCRIPTION	PART #
Free Angle Handle	SL42102



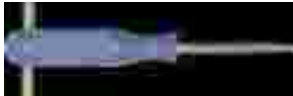
RING FRAME HALF (CURRENT)

ITEM DESCRIPTION	PART #
Ring Frame Half 13 1/2" (2 required for use)	44224



CIRCLE JOINT (CURRENT)

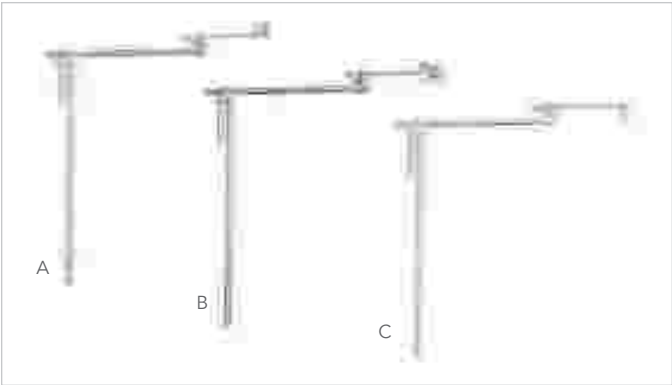
ITEM DESCRIPTION	PART #
Circle Joint 1/2" x 1/4"	42100



HEX TOOL WITH T-HANDLE (CURRENT)

ITEM DESCRIPTION	PART #
Hex Tool 3/16" with T-Handle	60021

NOTICE: This page shows parts unique to the Anterior Lumbar Ring System. Additional components common to other systems are shown with standard system components and blades.



RIGID LAP HOLDERS FOR PRC (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	Universal Rigid Lap Holder for Power Rail Clamp	42139U
B	Rigid Laparoscopic Holder for Power Rail Clamp	42139N
C	S-Lock Rigid Laparoscopic Holder for PRC	SL42139N

OLDER GEN. RIGID LAPAROSCOPIC HOLDERS

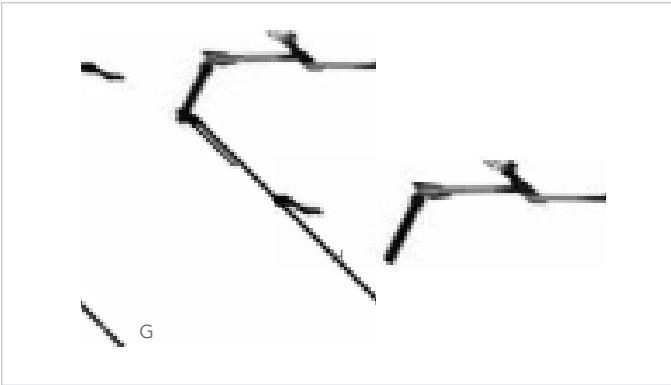
ITEM DESCRIPTION	PART #
Laparoscopic Instrument Holder	42139NC
Retractor/Instrument Holder	42139H
Instrument Holder	42134N
Laparoscopic Instrument Holder	42139HC



RIGID LAP HOLDERS FOR ELITE (CURRENT)

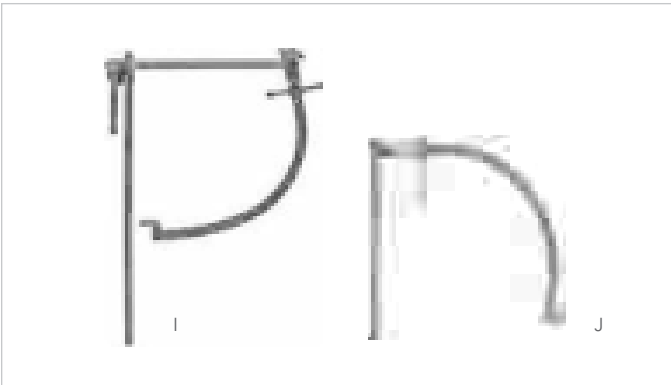
REF	ITEM DESCRIPTION	PART #
D	Universal Rigid Lap Holder for Elite (or IHRC)	42139EU
E	Rigid Laparoscopic Holder for Elite (or IHRC)	42139E
F	S-Lock Rigid Laparoscopic Holder for Elite (or IHRC)	SL42139E

Rail clamps shown on pages 6 - 7.



LAPAROSCOPIC ARTICULATING ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
G	Laparoscopic Articulating Arm for Power Rail Clamp	42138L
H	Laparoscopic Articulating Arm for Elite (or IHRC)	42138LE



FLEXIBLE LAPAROSCOPIC HOLDERS (CURRENT)

REF	ITEM DESCRIPTION	PART #
I	Flexible Laparoscopic Holder for Power Rail Clamp	42133DN
J	Flexible Laparoscopic Holder for Elite (or IHRC)	42133DEN



OLDER GENERATION SCOPE HOLDERS

REF	ITEM DESCRIPTION	PART #
	Scope Holder "Stay Put Arm"	42137H
K	Scope Holder "Stay Put Arm" for Elite	42137HE

**ADJUSTABLE SCOPE GRIP (CURRENT)**

REF	ITEM DESCRIPTION	PART #
L	Adjustable Scope Grip	33181

**SCOPE CLIP * (CURRENT)**

REF	ITEM DESCRIPTION	PART #
M	Scope Clip 5mm	42137F
	Scope Clip 7mm	42137S
	Scope Clip 10mm	42137T
	Scope Clip 11mm	42137E

* Scope Clips may be custom ordered to fit any size scope diameter.

**OLDER GENERATION SCOPE GRIP AND BUSHINGS**

REF	ITEM DESCRIPTION	PART #
N	Scope Grip	33154
O	Scope Grip Bushing 5mm **	42136F
	Scope Grip Bushing 10mm	42136T

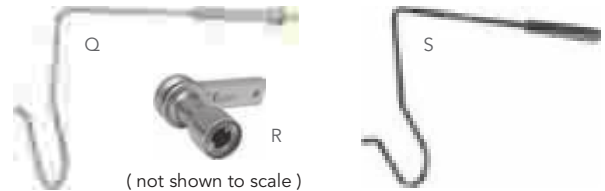
** Additional sizes from 5.1mm - 5.8mm also available.

**DUO HEAD WITH TOOL GRASP KNOB (CURRENT)**

REF	ITEM DESCRIPTION	PART #
P	Duo Head with Tool Grasp Knob 3/5/10mm	42160N

OLDER GENERATION DUO HEAD

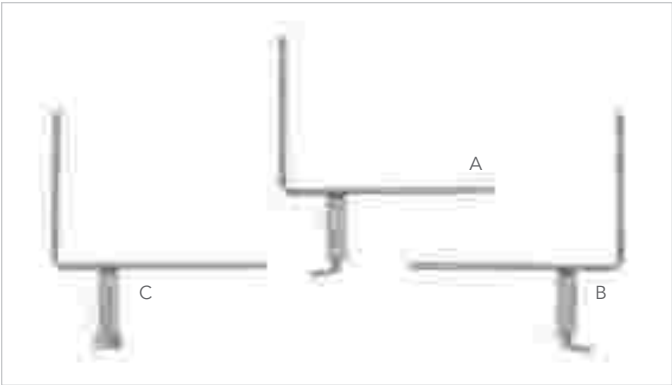
ITEM DESCRIPTION	PART #
Duo Head 3/5/10mm	42160

**S-LOCK® NATHANSON HOOKS (CURRENT)**

REF	ITEM DESCRIPTION	PART #
	S-Lock Small 5mm (169mm x 125mm x 12mm)	SL42200
Q	S-Lock Medium 5mm (203mm x 167mm x 16mm)	SL42201
	S-Lock Large 5mm (240mm x 222mm x 21mm)	SL42202
	S-Lock Small 6 ½mm (169mm x 125mm x 12mm)	SL42203
	S-Lock Medium 6 ½mm (203mm x 167mm x 16mm)	SL42204
	S-Lock Large 6 ½mm (240mm x 222mm x 21mm)	SL42205
R	S-Lock Nathanson Adapter	SL42161

NATHANSON HOOKS (CURRENT)

REF	ITEM DESCRIPTION	PART #
	Small 5mm (169mm x 125mm x 12mm)	42200
S	Medium 5mm (203mm x 167mm x 16mm)	42201
	Large 5mm (240mm x 222mm x 21mm)	42202
	Small 6 ½mm (169mm x 125mm x 12mm)	42203
	Medium 6 ½mm (203mm x 167mm x 16mm)	42204
	Large 6 ½mm (240mm x 222mm x 21mm)	42205

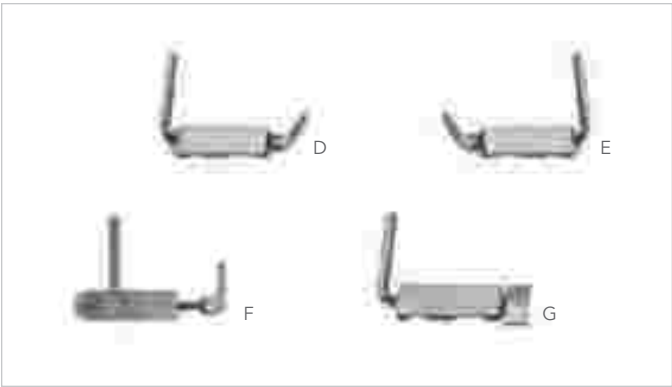


L-BAR ATTACHMENTS (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	CV Clamp L-Bar 6" x 8" (152mm x 203mm)	47202N
B	CV Clamp L-Bar Reversed 6" x 8" (152mm x 203mm)	47202NR

OLDER GENERATION L-BAR ATTACHMENT

REF	ITEM DESCRIPTION	PART #
C	CV Clamp L-Bar 6" x 8" (152mm x 203m)	47202

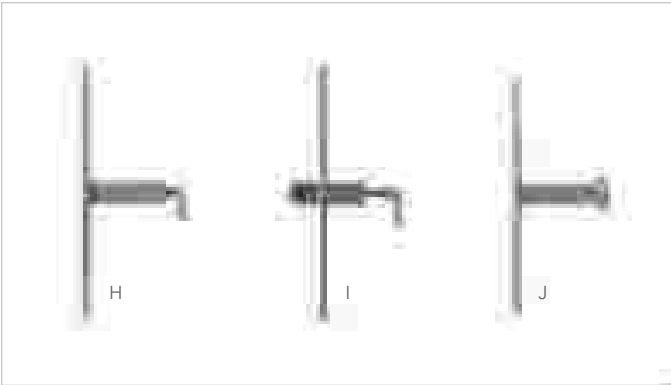


L-BAR ATTACHMENTS (CURRENT)

REF	ITEM DESCRIPTION	PART #
D	CV Clamp L-Bar 2" (51mm)	47200N
E	CV Clamp Mini L-Bar Reversed 2" (51mm)	47200NR
F	CV Clamp Mini L-Bar Offset 2" (51mm)	47200NF

OLDER GENERATION L-BAR ATTACHMENT

REF	ITEM DESCRIPTION	PART #
G	CV Clamp L-Bar 2" (51mm)	47200

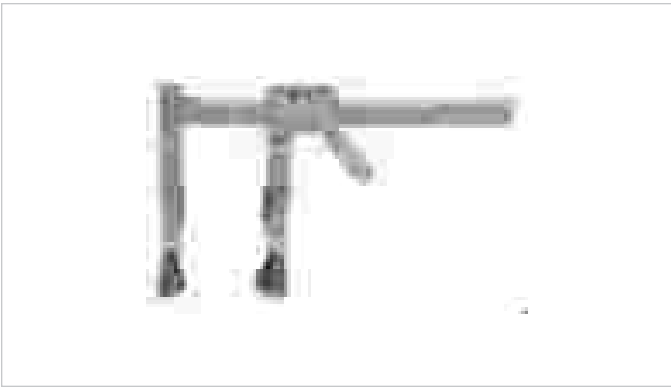


T-BAR ATTACHMENTS (CURRENT)

REF	ITEM DESCRIPTION	PART #
H	CV Clamp T-Bar 8" (203mm)	47201N
I	CV Clamp T-Bar Offset 8" (203mm)	47201NF

OLDER GENERATION T-BAR ATTACHMENT

REF	ITEM DESCRIPTION	PART #
J	CV Clamp T-Bar 8" (203mm)	47201



STERNAL SPREADERS (CURRENT)

ITEM DESCRIPTION	PART #
Morse Sternal Spreader Blades 28mm (w) x 22mm (d) (1 1/8" x 7/8")	300251
Morse Sternal Spreader-Large Blades 28mm (w) x 38mm (d) (1 1/8" x 1 1/2")	300253



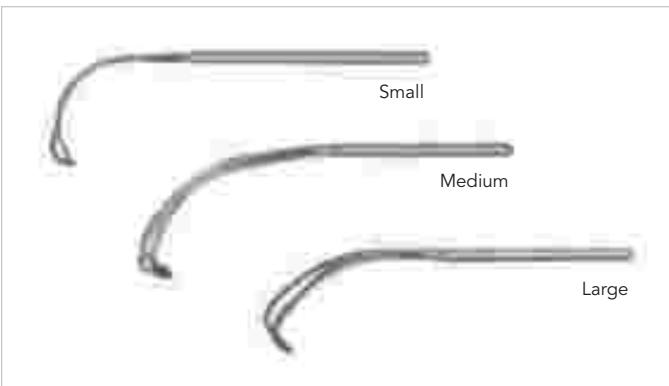
MALLEABLE PADDLE RETRACTORS (CURRENT)

ITEM DESCRIPTION	PART #
5" (127mm)	43100
6 ½" (165mm)	43101
8" (203mm)	43102



CUSHING RETRACTORS (CURRENT)

ITEM DESCRIPTION	PART #
5" (127mm)	43103
6 ½" (165mm)	43104
8" (203mm)	43105



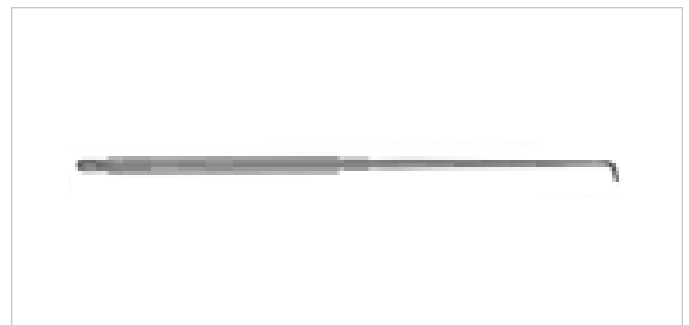
BASKET RETRACTORS (CURRENT)

ITEM DESCRIPTION	PART #
Small 5" (127mm)	43106
Small 6 ½" (165mm)	43107
Small 8" (203mm)	43108
Medium 5" (127mm)	43109
Medium 6 ½" (165mm)	43110
Medium 8" (203mm)	43111
Large 5" (127mm)	43112
Large 6 ½" (165mm)	43113
Large 8" (203mm)	43114



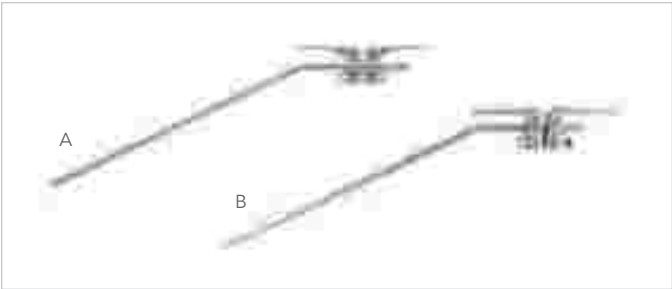
UNIVERSAL JOINT (CURRENT)

ITEM DESCRIPTION	PART #
Universal Joint	47204



DRAKE HOOK (CURRENT)

ITEM DESCRIPTION	PART #
Drake Hook 258mm (10")	51251

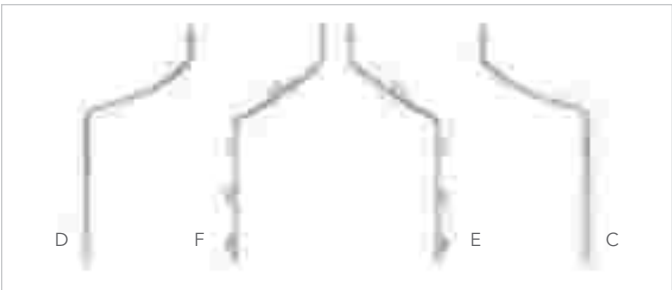


HIP CROSSBAR (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	Crossbar w/2 Cam Joints 7" x 19 ½"	43990

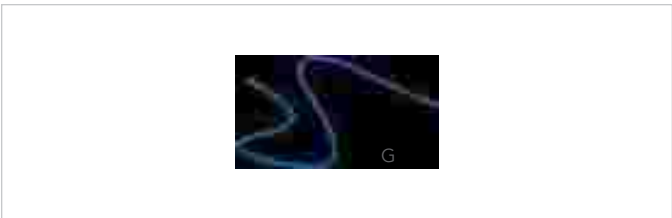
OLDER GENERATION HIP CROSSBAR

REF	ITEM DESCRIPTION	PART #
B	Crossbar w/2 Cam Joints 7" x 19 ½"	41990



CURVED ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
C	20" Curved Arm 1	44201
D	20" Curved Arm 2	44202
E	20" Curved Arm 1 with Cleats	44203
F	20" Curved Arm 2 with Cleats	44204



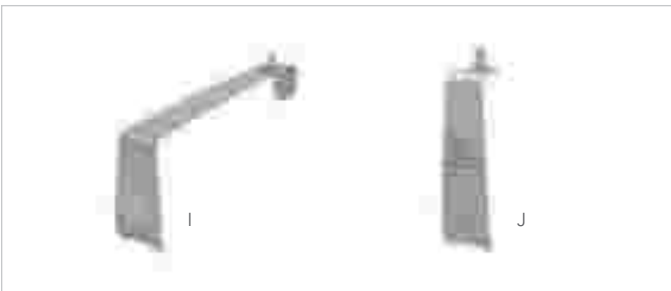
HIP TETHER (CURRENT)

REF	ITEM DESCRIPTION	PART #
G	Hip Tethers (5 Pack)	42105



S-LOCK ARTICULATING ARM (CURRENT)

REF	ITEM DESCRIPTION	PART #
H	S-Lock Articulating Arm	SL42190



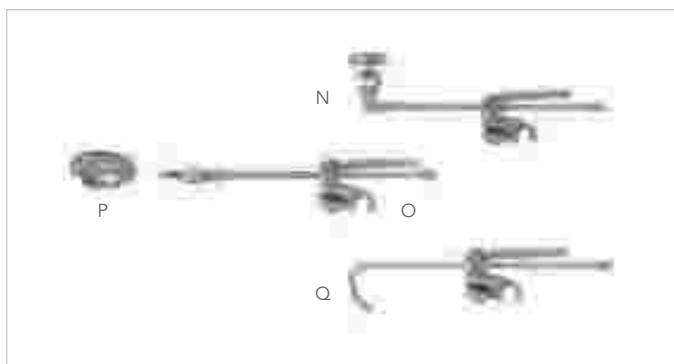
S-LOCK HIBBS BLADES (CURRENT)

REF	ITEM DESCRIPTION	PART #
I	Hibbs with Teeth Long 25mm x 75mm	SL46411T
	Hibbs with Teeth 25mm x 75mm (1" x 3")	SL46410T
J	Hibbs with Teeth 25mm x 115mm (1" x 4 ½")	SL46414T
	Hibbs with Teeth 25mm x 165mm (1" x 6 ½")	SL46418T



FEMUR ELEVATORS (CURRENT)

REF	ITEM DESCRIPTION	PART #
K	20" Straight Arm with Elevator Handle	44300
	25" Straight Arm with Elevator Handle	44301
L	Femur Hook 9"	44309
M	Femur Hook 12"	44312



HIP HANDLES (CURRENT)

REF	ITEM DESCRIPTION	PART #
N	Cam II Clip-On Blade Adapter 8 ½"	42126BP
O	Orthopedic Cam II Clip-On 8 ½" (60025 required for use)	42126OP
P	Orthopedic Retractor Handle Knob	60025
Q	Orthopedic Cam II Clip-On Hook 8 ½"	42126OHP

OLDER GENERATION HIP HANDLES

ITEM DESCRIPTION	PART #
Cam II Clip-On Blade Adapter 8 ½"	42126B
Orthopedic Retractor Handle Knob	42126O
Orthopedic Cam II Clip-On Hook 8 ½"	42126OH



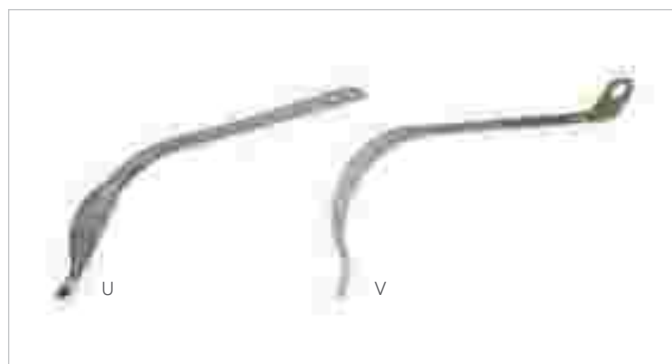
HOHMANN BLADES (CURRENT)

REF	ITEM DESCRIPTION	PART #
R	Hohmann Hip Blade 11"	45305
S	Curved Hohmann Narrow Hip Blade 12" [Coated]	45306C
	Curved Hohmann Narrow Hip Blade 12"	45306
T	Curved Hohmann Wide Hip Blade 12"	45307



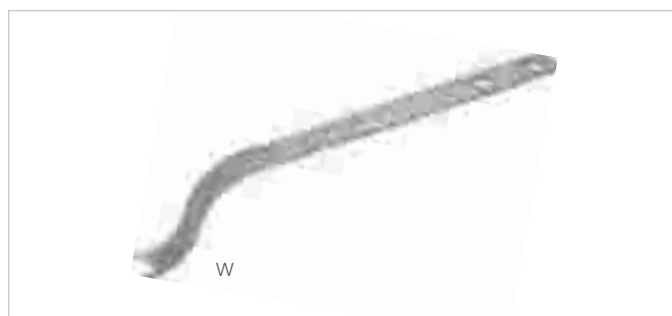
NOTICE:

Only parts unique to our Hip Systems shown on these pages.
Additional parts shown with standard system components.



COBRA BLADES (CURRENT)

REF	ITEM DESCRIPTION	PART #
U	Cobra Hip Blade 11"	45301
V	Curved Cobra Hip Blade 12 ½" [Coated]	45302C
	Curved Cobra Hip Blade 12 ½"	45302



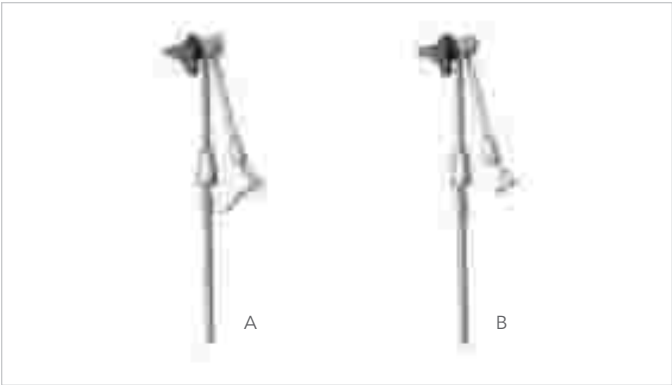
FEMORAL NECK ELEVATOR (CURRENT)

REF	ITEM DESCRIPTION	PART #
W	Femoral Neck Elevator 14"	45300



DUAL PRONG BLADES (CURRENT)

REF	ITEM DESCRIPTION	PART #
X	Dual Prong Hip Blade 11"	45309
Y	Curved Dual Prong Hip Blade 12"	45308

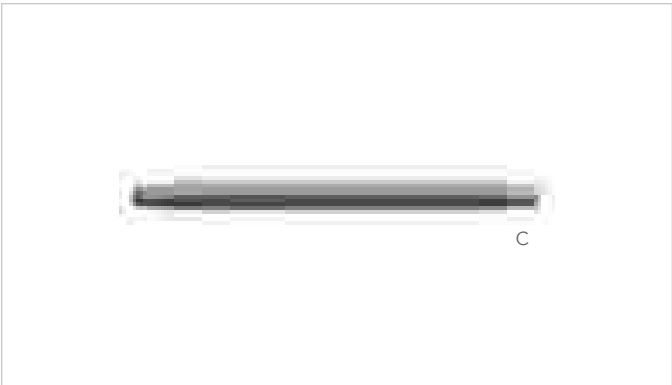


MIS SPINE ARTICULATING ARM (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	MIS Spine Articulating Arm	42138N

OLDER GENERATION MIS SPINE ARTICULATING ARM

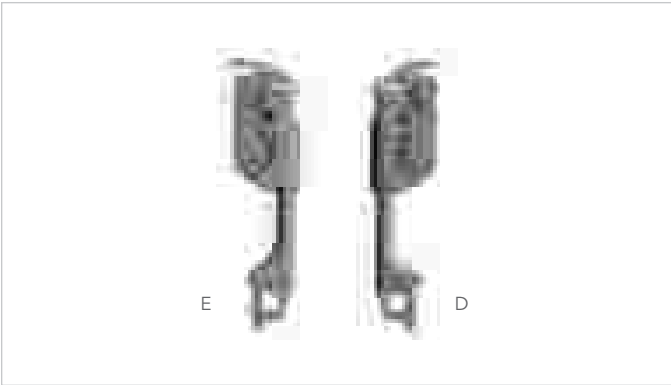
REF	ITEM DESCRIPTION	PART #
B	MIS Spine Articulating Arm	42138S



MIS SPINE FRAME RACKS (CURRENT)

REF	ITEM DESCRIPTION	PART #
C	MIS Spine Frame Rack 200mm (7 7/8")	60010
	MIS Spine Frame Rack 150mm (5 7/8")	60011
	MIS Spine Frame Rack 250mm (9 7/8")	60012

NOTICE:
This page shows parts unique to the MIS PLA® System only.
Rail Clamp is shown on page 6.



MIS SPINE FRAME ARMS (CURRENT)

REF	ITEM DESCRIPTION	PART #
D	MIS Spine Frame Right Arm	60008
E	MIS Spine Frame Left Arm	60009

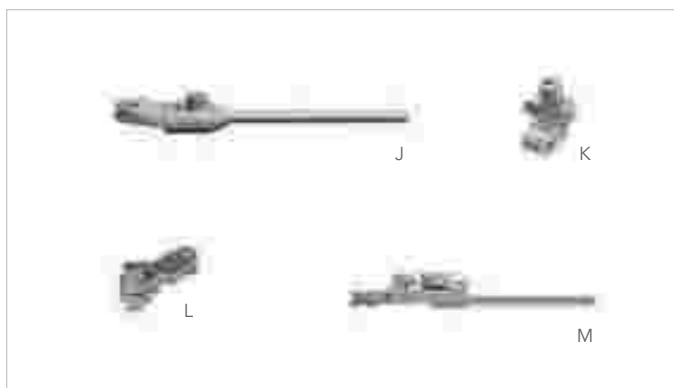


MIS SPINE FRAME ADD-ONS (CURRENT)

REF	ITEM DESCRIPTION	PART #
F	MIS Spine Frame U-Bar Add-On	47212
G	MIS Spine Frame L-Bar Add-On	47213

OLDER GENERATION MIS SPINE FRAME ADD-ONS

REF	ITEM DESCRIPTION	PART #
H	MIS Spine Frame U-Bar Add-On	47210
I	MIS Spine Frame L-Bar Add-On	47211

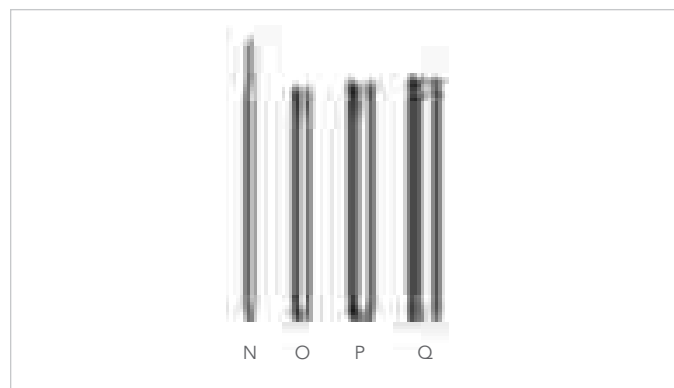


MIS SPINE FRAME ATTACHMENTS (CURRENT)

REF	ITEM DESCRIPTION	PART #
J	S-Lock Quick Angle Handle 6"	SL45003G
K	¼" Side Clip x ¼" Slide with Thumb Screw	47205T
L	S-Lock Interchangeable Head with ¼" Scissor	SL45012S

OLDER GEN. MIS SPINE FRAME ATTACHMENT

REF	ITEM DESCRIPTION	PART #
M	S-Lock Angling Handle 6"	SL45002AS



MIS PLA SEQUENTIAL DILATORS (CURRENT)

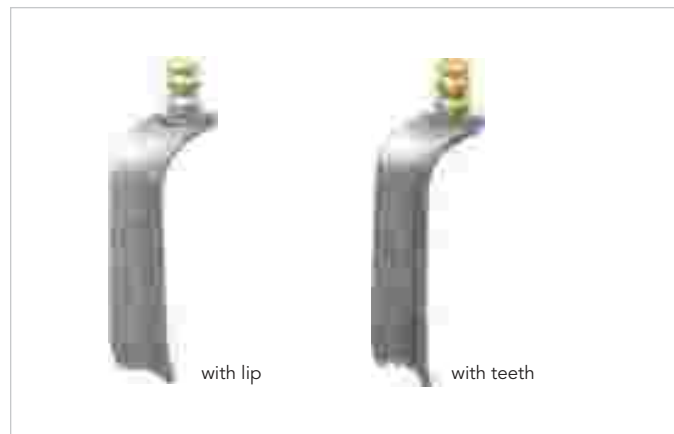
REF	ITEM DESCRIPTION	PART #
N	Dilator #1 - 7mm (¼")	45831
O	Dilator #2 - 12mm (½")	45832
P	Dilator #3 - 17mm (⅝")	45833
Q	Dilator #4 - 21mm (⅞")	45834

MIS PLA® Blades shown on next pages...



CAUDAL / CEPHALAD BLADES

ITEM DESCRIPTION	LEFT PART #
Radiolucent R 22mm x 40mm ($\frac{7}{8}$ " x 1 $\frac{1}{2}$ ")	45924R
Radiolucent L 22mm x 40mm ($\frac{7}{8}$ " x 1 $\frac{1}{2}$ ")	45924L
Radiolucent R 22mm x 50mm ($\frac{7}{8}$ " x 2")	45925R
Radiolucent L 22mm x 50mm ($\frac{7}{8}$ " x 2")	45925L
Radiolucent R 22mm x 60mm ($\frac{7}{8}$ " x 2 $\frac{3}{8}$ ")	45926R
Radiolucent L 22mm x 60mm ($\frac{7}{8}$ " x 2 $\frac{3}{8}$ ")	45926L
Radiolucent R 22mm x 70mm ($\frac{7}{8}$ " x 2 $\frac{3}{4}$ ")	45927R
Radiolucent L 22mm x 70mm ($\frac{7}{8}$ " x 2 $\frac{3}{4}$ ")	45927L
Radiolucent R 22mm x 80mm ($\frac{7}{8}$ " x 3 $\frac{1}{8}$ ")	45928R
Radiolucent L 22mm x 80mm ($\frac{7}{8}$ " x 3 $\frac{1}{8}$ ")	45928L
Radiolucent R 22mm x 90mm ($\frac{7}{8}$ " x 3 $\frac{1}{2}$ ")	45929R
Radiolucent L 22mm x 90mm ($\frac{7}{8}$ " x 3 $\frac{1}{2}$ ")	45929L
Radiolucent R 22mm x 100mm ($\frac{7}{8}$ " x 4")	45930R
Radiolucent L 22mm x 100mm ($\frac{7}{8}$ " x 4")	45930L
Radiolucent R 22mm x 110mm ($\frac{7}{8}$ " x 4 $\frac{3}{8}$ ")	45931R
Radiolucent L 22mm x 110mm ($\frac{7}{8}$ " x 4 $\frac{3}{8}$ ")	45931L
Radiolucent R 22mm x 120mm ($\frac{7}{8}$ " x 4 $\frac{3}{4}$ ")	45932R
Radiolucent L 22mm x 120mm ($\frac{7}{8}$ " x 4 $\frac{3}{4}$ ")	45932L



MEDIAL / LATERAL BLADES W/LIP

ITEM DESCRIPTION	PART #
Radiolucent 13.5mm x 40mm ($\frac{1}{2}$ " x 1 $\frac{1}{2}$ ")	SL46704AT
Radiolucent 13.5mm x 50mm ($\frac{1}{2}$ " x 2")	SL46705AT
Radiolucent 13.5mm x 60mm ($\frac{1}{2}$ " x 2 $\frac{3}{8}$ ")	SL46706AT
Radiolucent 13.5mm x 70mm ($\frac{1}{2}$ " x 2 $\frac{3}{4}$ ")	SL46707AT
Radiolucent 13.5mm x 80mm ($\frac{1}{2}$ " x 3 $\frac{1}{8}$ ")	SL46708AT
Radiolucent 13.5mm x 90mm ($\frac{1}{2}$ " x 3 $\frac{1}{2}$ ")	SL46709AT
Radiolucent 13.5mm x 100mm ($\frac{1}{2}$ " x 4")	SL46710AT
Radiolucent 13.5mm x 110mm ($\frac{1}{2}$ " x 4 $\frac{3}{8}$ ")	SL46711AT
Radiolucent 13.5mm x 120mm ($\frac{1}{2}$ " x 4 $\frac{3}{4}$ ")	SL46712AT

MEDIAL / LATERAL BLADES W/FINE TEETH

ITEM DESCRIPTION	PART #
Radiolucent 13.5mm x 40mm ($\frac{1}{2}$ " x 1 $\frac{1}{2}$ ")	SL46604ATT
Radiolucent 13.5mm x 50mm ($\frac{1}{2}$ " x 2")	SL46605ATT
Radiolucent 13.5mm x 60mm ($\frac{1}{2}$ " x 2 $\frac{3}{8}$ ")	SL46606ATT
Radiolucent 13.5mm x 70mm ($\frac{1}{2}$ " x 2 $\frac{3}{4}$ ")	SL46607ATT
Radiolucent 13.5mm x 80mm ($\frac{1}{2}$ " x 3 $\frac{1}{8}$ ")	SL46608ATT
Radiolucent 13.5mm x 90mm ($\frac{1}{2}$ " x 3 $\frac{1}{2}$ ")	SL46609ATT
Radiolucent 13.5mm x 100mm ($\frac{1}{2}$ " x 4")	SL46610ATT
Radiolucent 13.5mm x 110mm ($\frac{1}{2}$ " x 4 $\frac{3}{8}$ ")	SL46611ATT
Radiolucent 13.5mm x 120mm ($\frac{1}{2}$ " x 4 $\frac{3}{4}$ ")	SL46612ATT



HOOK BLADES

ITEM DESCRIPTION	PART #
Radiolucent 40mm (1 1/2")	SL45764
Radiolucent 50mm (2")	SL45765
Radiolucent 60mm (2 3/8")	SL45766
Radiolucent 70mm (2 3/4")	SL45767
Radiolucent 80mm (3 1/8")	SL45768
Radiolucent 90mm (3 1/2")	SL45769
Radiolucent 100mm (4")	SL45770
Radiolucent 110mm (4 3/8")	SL45771
Radiolucent 120mm (4 3/4")	SL45772



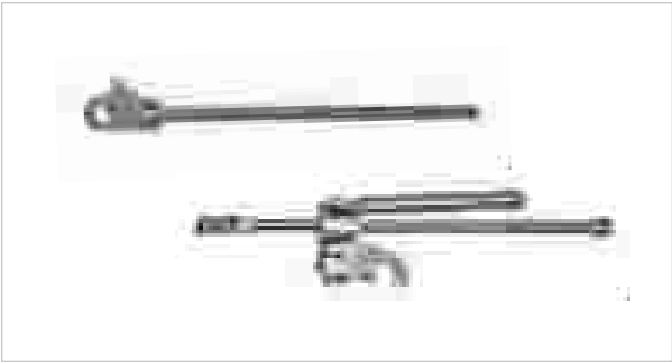
PLA® DUAL BLADE ADAPTER

ITEM DESCRIPTION	PART #
MIS Spine Frame Dual Blade Adapter (2 required for use)	60015



PLA® MIDLINE BLADES

ITEM DESCRIPTION	PART #
Radiolucent 22mm x 30mm (7/8" x 1 1/8")	45973
Radiolucent 22mm x 40mm (7/8" x 1 1/2")	45974
Radiolucent 22mm x 50mm (7/8" x 2")	45975
Radiolucent 22mm x 60mm (7/8" x 2 3/8")	45976
Radiolucent 22mm x 70mm (7/8" x 2 3/4")	45977
Radiolucent 22mm x 80mm (7/8" x 3 1/8")	45978
Radiolucent 22mm x 90mm (7/8" x 3 1/2")	45979
Radiolucent 22mm x 100mm (7/8" x 4")	45980
Radiolucent 22mm x 110mm (7/8" x 4 3/8")	45981
Radiolucent 22mm x 120mm (7/8" x 4 3/4")	45982
Radiolucent 22mm x 130mm (7/8" x 5 1/8")	45983
Radiolucent 27mm x 30mm (1" x 1 1/8")	45984
Radiolucent 27mm x 40mm (1" x 1 1/2")	45985
Radiolucent 27mm x 50mm (1" x 2")	45986
Radiolucent 27mm x 60mm (1" x 2 3/8")	45987
Radiolucent 27mm x 70mm (1" x 2 3/4")	45988
Radiolucent 27mm x 80mm (1" x 3 1/8")	45989
Radiolucent 27mm x 90mm (1" x 3 1/2")	45990
Radiolucent 27mm x 100mm (1" x 4")	45991
Radiolucent 27mm x 110mm (1" x 4 3/8")	45992
Radiolucent 27mm x 120mm (1" x 4 3/4")	45993
Radiolucent 27mm x 130mm (1" x 5 1/8")	45994



CCA HANDLES (CURRENT)

REF	ITEM DESCRIPTION	PART #
A	S-Lock Hinged Handle 8"	SL45003LH
B	S-Lock Clip-On Hinged Handle 8" (to use CCA Bone Lever Blades with 1/2" frame components)	SL42126LH



CLIP-CLIP JOINT (CURRENT)

ITEM DESCRIPTION	PART #
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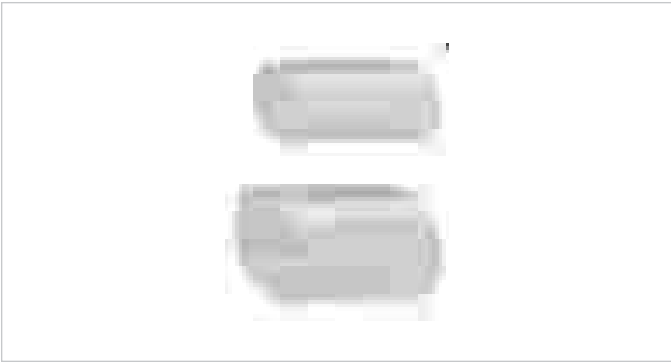
Clip-Clip Joint 3/8" x 1/4"	42123
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MANIPULATOR HANDLE (CURRENT)

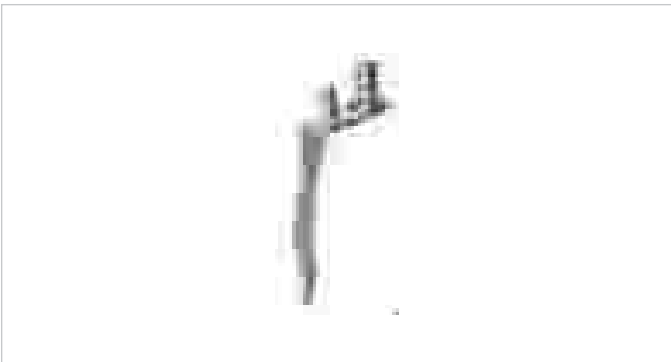
ITEM DESCRIPTION	PART #
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Manipulator Handle	42128AC
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SILICONE SLEEVES (CURRENT)

ITEM DESCRIPTION	PART #
Silicone Sleeve Large (single use)	64049
Silicone Sleeve Small (single use)	64047



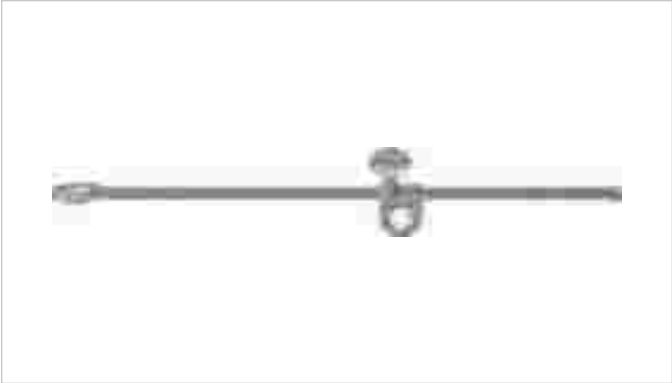
CCA BONE LEVER BLADES (CURRENT)

ITEM DESCRIPTION	PART #
Bone Lever 14mm x 40mm (1/2" x 1 1/2")	SL46982AC
Bone Lever 14mm x 50mm (1/2" x 2")	SL46983AC
Bone Lever 14mm x 60mm (1/2" x 2 3/8")	SL46984AC
Bone Lever 14mm x 70mm (1/2" x 2 3/4")	SL46985AC
Bone Lever 14mm x 80mm (1/2" x 3 1/8")	SL46986AC



NOTICE:

This page shows parts unique to the CCA System. Additional components common to other systems are shown with standard system components and blades.



TOWEL CLIP MICRO-ADJUSTABLE (CURRENT)

ITEM DESCRIPTION	PART #
Towel Clip Micro-Adjustable	35028



SALDANHA ARCHED BLADES (CURRENT)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #
76mm x 140mm (3" x 5 1/2")	SO46103	46103



TUMMY TUCK BLADES (CURRENT)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #
76mm x 140mm (3" x 5 1/2")	SO46400	46400
102mm x 140mm (4" x 5 1/2")	SO46401	46401



CAT'S PAW BLADES (CURRENT)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #
6mm x 38mm (1/4" x 1 1/2")	SO46402	46402

 **NOTICE:**

This page shows parts unique to the Body Contouring System. Additional components common to other systems are shown with standard system components and blades.



TOWEL CLIP HOOKS (CURRENT)

ITEM DESCRIPTION	S-LOCK #	INTERCH. #
45mm x 64mm (1 3/4" x 2 1/2")	SO48001	48001

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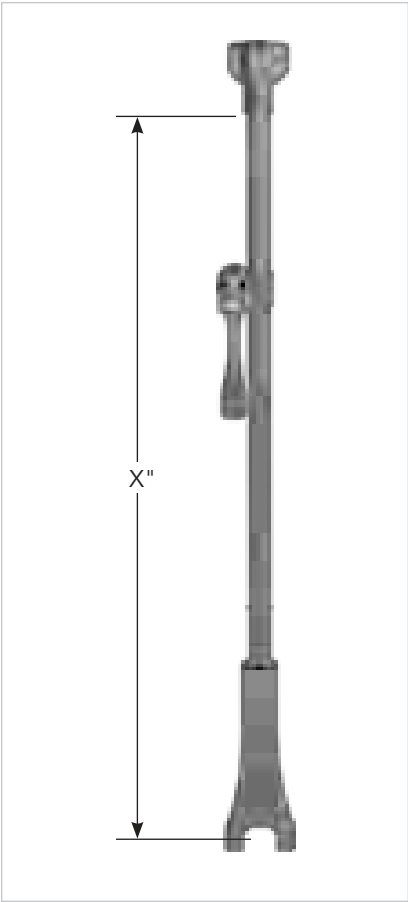
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SO46152ET	Radiolucent Richardson 51mm x 152mm (2" x 6")	34			
SO46153	Richardson 51mm x 178mm (2" x 7")	34			
SO46153ET	Radiolucent Richardson 51mm x 178mm (2" x 7")	34			
SO46155	Mini-Open Richardson 51mm x 76mm (2" x 3")	33			
SO46156	Mini-Open Richardson 51mm x 102mm (2" x 4")	33			

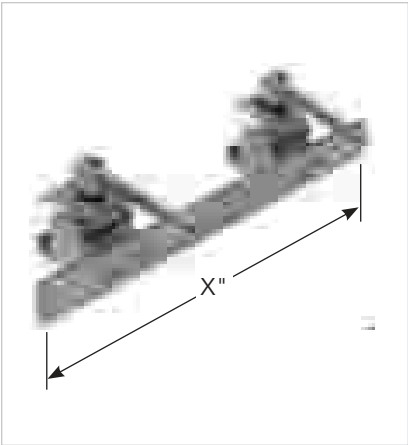
CURRENT SYSTEMS REFERENCE:

SL80043A	Accessory Blade Kit (for Body Contouring System)
SL82001	Bariatric System
SL82002	Colon / Rectal System
SL82003	General / Vascular System
SL82004	HIPEC System
SL82005	Kidney System
SL82006	Pediatric System
SL82007	Liver / Oncology System
SL82008	Radiolucent Liver / Oncology System
SL82009	Small Incision System
SL82010	GYN System
SL82011	GYN Oncology System
SL82012	Urology System
SL82013	Urologic Oncology System
SL82014	Hip Tether System
SL82015	Hip System
SL82016	Body Contouring System
SL82017	Cervical System
SL82018	CCA Retractor System
SL82019	Anterior Lumbar System
SL82020	Posterior Lumbar System
SL82021	MIS PLA® System
SL82022	Bilateral Expansion Kit (for Body Contouring System)
SL82023	Anterior Lumbar Ring System



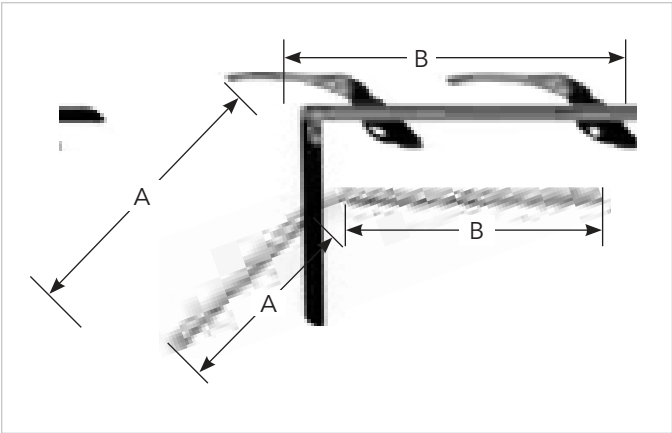
ELITE RAIL CLAMPS

Measured from bottom of the bed rail to the highest point joint can reach.
(NOTE: Elite III is measured with jaw in the FULLY closed position.)



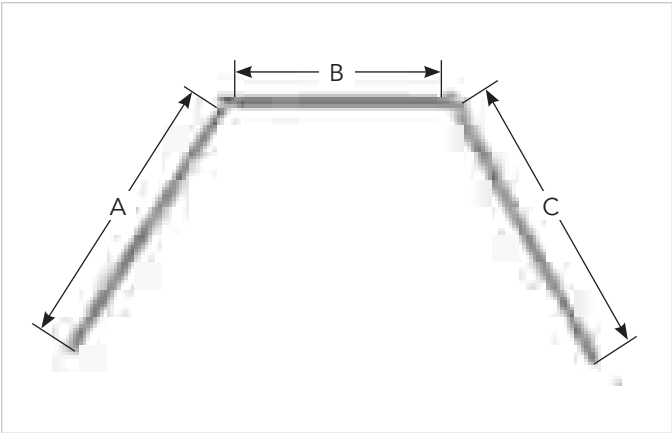
RAIL EXTENDERS

Length of rail space provided, from end to end.



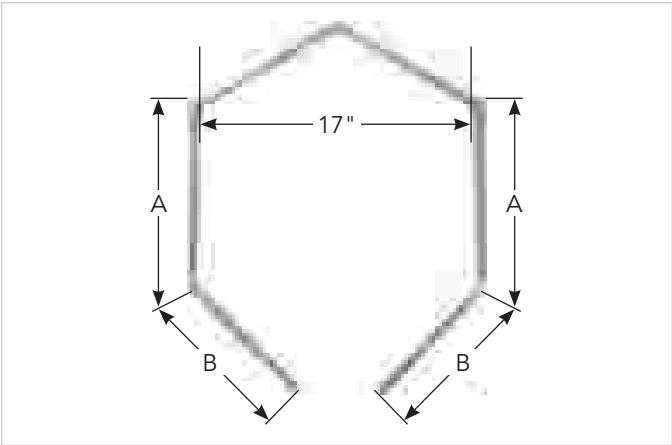
UNILATERAL CROSSBARS + ANGLED ARMS

Total length equals the sum of both sides. (A + B)



BILATERAL CROSSBARS

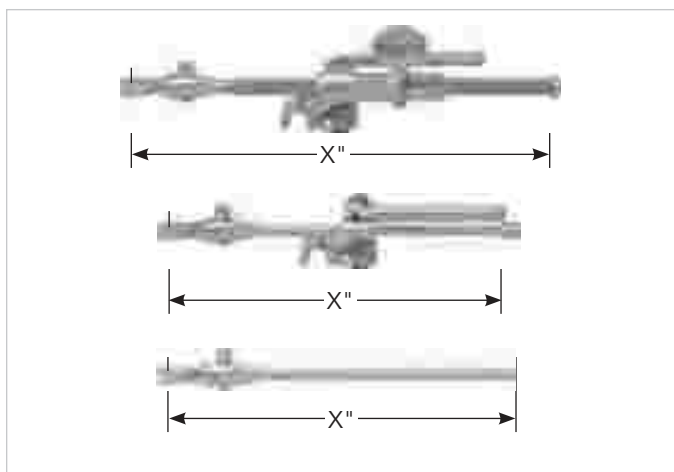
Length of usable rod on each section (A x B x C).



LOWER ABDOMINAL BARS

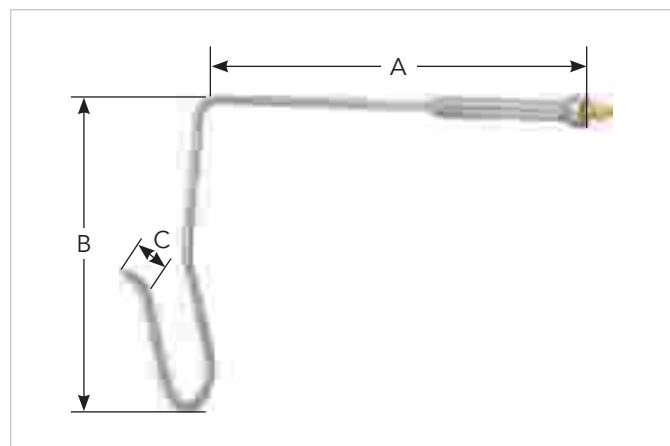
All measure 17" across, between joints. Lateral arm sections are measured separately.

Metric	Approx. English
6mm	¼"
10mm	⅜"
13mm	½"
23mm	⅞"
25mm	1"
30mm	1 ⅛"
32mm	1 ¼"
35mm	1 ⅜"
40mm	1 ½"
45mm	1 ¾"
50mm	2"
55mm	2 ⅛"
60mm	2 ⅜"
65mm	2 ½"
70mm	2 ¾"
75mm	3"
80mm	3 ⅛"
85mm	3 ⅜"
90mm	3 ½"
95mm	3 ¾"
100mm	4"
110mm	4 ⅜"
120mm	4 ¾"
130mm	5 ⅛"
140mm	5 ½"
150mm	5 ⅞"
160mm	6 ¼"
170mm	6 ⅝"
180mm	7"
190mm	7 ½"
200mm	7 ⅞"
210mm	8 ¼"
220mm	8 ⅝"
230mm	9"
240mm	9 ½"
250mm	9 ⅞"
260mm	10 ¼"
270mm	10 ⅝"
280mm	11"
290mm	11 ⅜"
300mm	11 ¾"



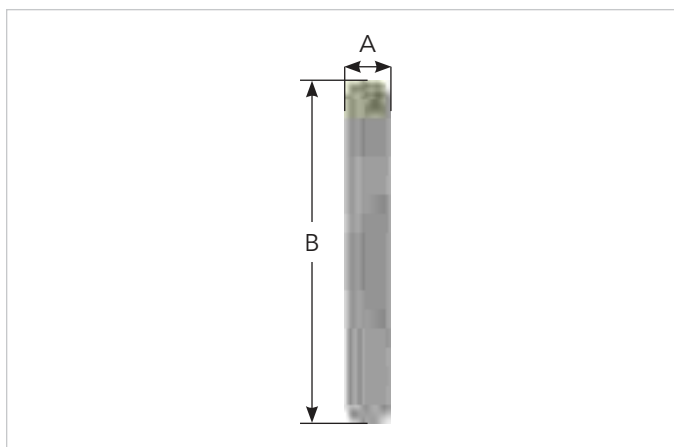
HANDLES

Center of nipple hole to end of handle, not including end cap.



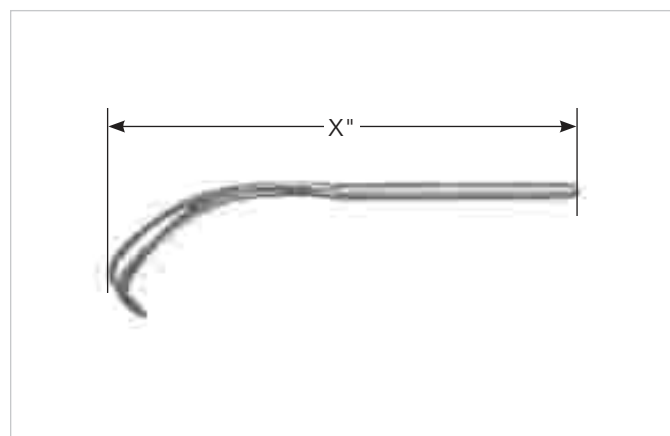
NATHANSON HOOKS

Handle length, not including nipple for SL versions (A) x hook height (B) x tip length (C).



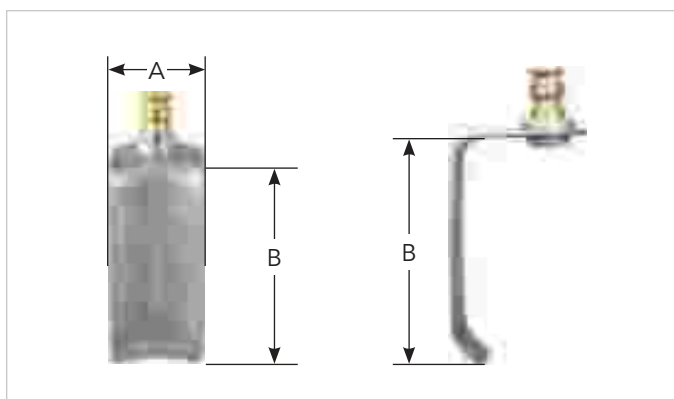
MALLEABLE BLADES

Width (A) x total length of blade before bending (B).



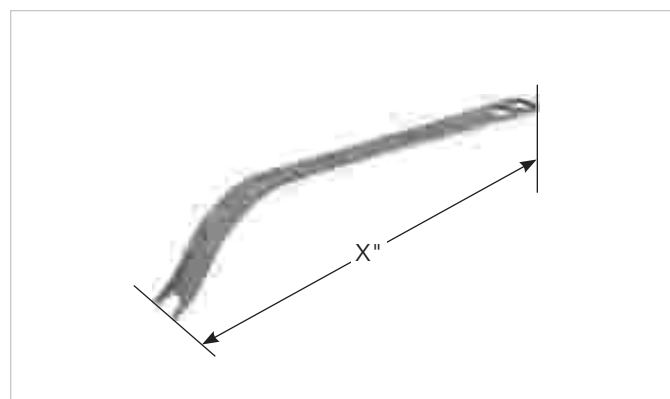
BOLLING RETRACTOR BLADES

Total handle length including retractor blade.



BLADES (NON-MALLEABLE)

Width (A) x height (B) from underside of blade at top of bend to distal tip.



HIP BLADES

Length from end to end, not including bend.

Service and Warranty

PRODUCT WARRANTY: Thompson Surgical Instruments, Inc. warrants that all instruments are free from defects in material or workmanship for 10 years *. This warranty is void if failure of the product has resulted from normal wear and tear from instrument use, accident, abuse, misapplication, negligence, or if the product has been damaged, altered or repaired outside of Thompson Surgical's facility. Warranty void if purchased from a non-authorized supplier/distributor.

- * Malleable and Cobra blades carry a two (2) year guarantee against defects in both material and workmanship. Please replace Cobra blades after two (2) years of surgical use or 200 uses if this occurs first to avoid possible fracturing or cracking of Cobra blade tips.
- * Hip Tethers carry a one (1) year guarantee against defects in both material and workmanship. Please replace Hip Tethers after 10 reprocessing cycles to avoid possible breakage.
- * Fiberoptic Xenon lighting products carry a 60 day guarantee. Fiberoptic LED lighting products carry a one year guarantee. Fibers are not warranted against breakage. Please be cautious when handling and avoid stepping on or kicking the fiber optic cable to prevent damage.
- * Blade finishes do not carry a warranty.
- * Please note that aluminum blades are sensitive to high and low pH levels. Please follow cleaning and sterilization instructions exactly. (See Thompson Retractor IFU.) Failure to do so may cause aluminum blade staining, pitting, or other corrosion and will void blade warranty.

Visit thompsonsurgical.com for complete Service and Warranty information.

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Patents: US4971038, US5025780, US5888197, US5897087, US5902233, US5984865, US6033363, US6416465, US6511423, US7338442, US7749163, US8257255, US8360971, US8617064

Other patents pending.

The One Step Dilator (01-01004, 01-02015, 01-01006) is manufactured by Thompson MIS and distributed by Thompson Surgical Instruments. The MIS Retractor Lite LED (#40002MIS),

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