

Ultima[®] Orthopaedic Implants
Dedicated Quality to Surgeons



ULTIMA[®] Instruments

(W.e.f. - 1st August 2014)

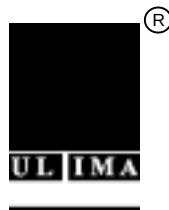
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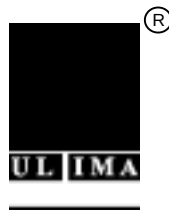
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DRILL BITS - PLAIN / QC

U111A - Drill Bits Plain - Short



Cat. No.	Dia	Length
U111A.01	1.1mm	50 mm
U111A.02	1.5mm	65 mm
U111A.03	2.0mm	100 mm
U111A.04	2.5mm	125 mm
U111A.05	2.5mm	150 mm
U111A.06	2.7mm	125 mm
U111A.07	2.7mm	150 mm

U111A.01	1.1mm	50 mm
U111A.02	1.5mm	65 mm
U111A.03	2.0mm	100 mm
U111A.04	2.5mm	125 mm
U111A.05	2.5mm	150 mm
U111A.06	2.7mm	125 mm
U111A.07	2.7mm	150 mm

Cat. No.	Dia	Length
U111A.08	2.8mm	165 mm
U111A.09	3.0mm	125 mm
U111A.10	3.2mm	150 mm
U111A.11	3.5mm	125 mm
U111A.12	3.5mm	150 mm
U111A.13	4.5mm	125 mm
U111A.14	4.5mm	150 mm
U111A.15	4.8mm	150 mm

U111A.08	2.8mm	165 mm
U111A.09	3.0mm	125 mm
U111A.10	3.2mm	150 mm
U111A.11	3.5mm	125 mm
U111A.12	3.5mm	150 mm
U111A.13	4.5mm	125 mm
U111A.14	4.5mm	150 mm
U111A.15	4.8mm	150 mm

U111B - Drill Bits Plain - Long



Cat. No.	Dia	Length
U111B.01	2.5mm	200 mm
U111B.02	2.7mm	200 mm
U111B.03	2.8mm	200 mm
U111B.04	3.2mm	200 mm
U111B.05	3.2mm	225 mm
U111B.06	3.5mm	200 mm
U111B.07	3.5mm	225 mm

U111B.01	2.5mm	200 mm
U111B.02	2.7mm	200 mm
U111B.03	2.8mm	200 mm
U111B.04	3.2mm	200 mm
U111B.05	3.2mm	225 mm
U111B.06	3.5mm	200 mm
U111B.07	3.5mm	225 mm

Cat. No.	Dia	Length
U111B.08	3.5mm	250 mm
U111B.09	4.0 mm	225 mm
U111B.10	4.0 mm	250 mm
U111B.11	4.3 mm	210 mm
U111B.12	4.5 mm	250 mm
U111B.13	5.0 mm	300 mm
U111B.14	6.0 mm	300 mm

U111B.08	3.5mm	250 mm
U111B.09	4.0 mm	225 mm
U111B.10	4.0 mm	250 mm
U111B.11	4.3 mm	210 mm
U111B.12	4.5 mm	250 mm
U111B.13	5.0 mm	300 mm
U111B.14	6.0 mm	300 mm

U111C - Drill Bits Q.C - Short



Cat. No.	Dia	Length
U111C.01	1.1mm	50 mm
U111C.02	1.5mm	65 mm
U111C.03	2.0mm	100 mm
U111C.04	2.5mm	125 mm
U111C.05	2.5mm	150 mm
U111C.06	2.7mm	125 mm
U111C.07	2.7mm	150 mm
U111C.08	2.8mm	165 mm

U111C.01	1.1mm	50 mm
U111C.02	1.5mm	65 mm
U111C.03	2.0mm	100 mm
U111C.04	2.5mm	125 mm
U111C.05	2.5mm	150 mm
U111C.06	2.7mm	125 mm
U111C.07	2.7mm	150 mm
U111C.08	2.8mm	165 mm

Cat. No.	Dia	Length
U111C.09	3.0mm	125 mm
U111C.10	3.2mm	150 mm
U111C.11	3.5mm	125 mm
U111C.12	3.5mm	150 mm
U111C.13	4.5mm	125 mm

U111C.09	3.0mm	125 mm
U111C.10	3.2mm	150 mm
U111C.11	3.5mm	125 mm
U111C.12	3.5mm	150 mm
U111C.13	4.5mm	125 mm

U111D - Drill Bits Q.C - Long

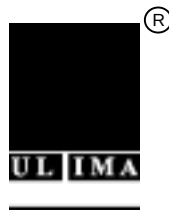


Cat. No.	Dia	Length
U111D.01	2.5mm	200 mm
U111D.02	2.7mm	200 mm
U111D.03	2.8mm	200 mm
U111D.04	3.2mm	225 mm
U111D.05	3.5mm	200 mm
U111D.06	3.5mm	225 mm

U111D.01	2.5mm	200 mm
U111D.02	2.7mm	200 mm
U111D.03	2.8mm	200 mm
U111D.04	3.2mm	225 mm
U111D.05	3.5mm	200 mm
U111D.06	3.5mm	225 mm

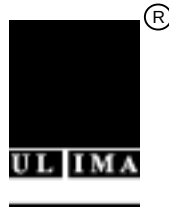
Cat. No.	Dia	Length
U111D.08	4.3mm	210 mm

U111D.08	4.3mm	210 mm
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BONE TAPS & DEPTH GAUGE		
U113A - Bone Tap With T Handle (MM A.O. type) 	Cat. No. U113A.01 U113A.02 U113A.03 U113A.04 U113A.05 U113A.06 U113A.07 U113A.08 U113A.09 U113A.10	Size 1.5mm Cortical 4" 2.0mm Cortical 4" 2.5mm Cortical 4" 2.7mm Cortical 5" 3.5mm Cortical 5" 20Tpi 3.5mm Cortical 5" 14Tpi 4.5mm Cortical 5" 4.5mm Cortical 8" 4.0mm Cancellous 5" 6.5mm Cancellous 8"
U113B - Bone Tap With T Handle (British type) 	Cat. No. U113B.01 U113B.02 U113B.03 U113B.04 U113B.05 U113B.06 U113B.07 U113B.08 U113B.09 U113B.10	Size 1.5mm Cortical 4" 2.0mm Cortical 4" 2.5mm Cortical 4" 2.7mm Cortical 5" 3.5mm Cortical 5" 20Tpi 3.5mm Cortical 5" 14Tpi 4.5mm Cortical 5" 4.5mm Cortical 8" 4.0mm Cancellous 5" 6.5mm Cancellous 8"
U115A - Bone Taps Q.C 	Cat. No. U115A.01 U115A.02 U115A.03 U115A.04 U115A.05 U115A.06 U115A.07	Size 1.5mm Cortical 2.0mm Cortical 2.5mm Cancellous 2.7mm Cortical 3.5mm Cortical 20 Tpi 3.5mm Cancellous 14 Tpi 4.5mm Cortical
U115B - Quick Coupling T - Handle 	Cat. No. Size U115B.01 : Q.C T Handle for Taps ,Drill bits U115B.02 : Q.C T Handle F / H for Taps Drill Bits U115B.03 : Q.C Adaptor for Drill Bits	
U117A - Depth Gauge 	Cat. No. Size U117A.01 : Mini for mini Screws U117A.02 : Small for 3.5mm Screws U117A.03 : Large for 4.5mm Screws	
U118A - Screw holding forcep	Cat. No. Size U118A.01	



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SCREW DRIVERS

U119A - Screw Driver Fiber Handle



Cat. No.

Size

U119A.01 : Screw Driver F/H for 2.5mm/150mm (4½") Shaft
U119A.02 : Screw Driver F/H for 3.5mm/150mm (4½") Shaft
U119A.03 : Screw Driver F/H for 4.5mm/150mm (4½") Shaft

U119A.06 : Screw Driver AL. for 2.5mm/150mm (4½") Shaft
U119A.07 : Screw Driver AL. for 3.5mm/150mm (4½") Shaft
U119A.08 : Screw Driver AL. for 4.5mm/150mm (4½") Shaft

U119B - Screw Driver with Self Holding Short Sleeve



Cat. No. Size

U119B.01 : 1.5mm
U119B.02 : 2.5mm

U119C - Screw Driver with Self Holding Long Sleeve



Cat. No. Size

U119C.01 : 2.5 mm (F/H)
U119C.02 : 3.5 mm (F/H)
U119C.03 : 4.5 mm (F/H)

U119C.06 : 2.5 mm (AL.)
U119C.07 : 3.5 mm (AL.)
U119C.08 : 4.5 mm (AL.)

U119D - Screw Driver Q.C



Cat. No. Size

U119D.01 : 2.5mm
U119D.02 : 3.5mm
U119D.03 : 4.5mm
U119D.04 : 5 in / Screw Driver Set

U119E - Screw Driver With T - Handle



Cat. No. Size

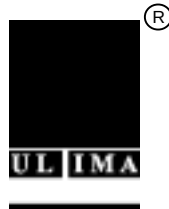
U119E.01 : 3.5mm
U119E.02 : 4.5mm

U119F - Slotted Screw Driver



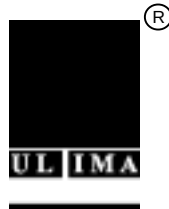
Cat. No. Size

U119F.01 : 1.5 mm
U119F.02 : 2.0 mm
U119F.03 : 2.5 mm
U119F.04 : Lanes Screw Driver



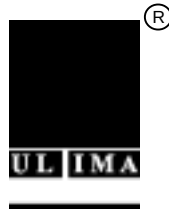
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DRILL & TAP SLEEVES			
U125A - Neutral & Loaded Drill Guide 		Cat. No. Size U125A.01 : Mini U125A.02 : Small U125A.03 : Large	
U125B - Drill Sleeve 		Cat. No. Size U125B.01 : 1.1mm U125B.02 : 1.5mm U125B.03 : 2.0mm U125B.04 : 2.5mm	Cat. No. Size U125B.05 : 2.7mm U125B.06 : 3.2mm U125B.07 : 3.5mm U125B.08 : 4.5mm
U125C - Double Drill Sleeve 	Cat. No. Size U125C.01 : 1.5 / 1.1mm U125C.02 : 2.0 / 1.5 mm U125C.03 : 2.7 / 2.0mm U125C.04 : 3.5 / 3.2mm	U125D - Drill & Tap Sleeve Combined 	Cat. No. Size U125D.01 : 2.5 / 3.5mm U125D.02 : 2.7 / 3.5mm U125D.03 : 3.2 / 4.5mm U125D.04 : 3.2 / 6.5mm U125D.05 : 4.0 / 6.5mm
U125E - Tap Sleeve 		Cat. No. Size U125E.01 : 1.5mm U125E.02 : 2.0mm U125E.03 : 2.5mm U125E.04 : 2.7mm	Cat. No. Size U125E.05 : 3.5mm U125E.06 : 4.0mm U125E.07 : 4.5mm U125E.08 : 6.5mm
U125F - Insert Drill Sleeve 		Cat. No. Size U125F.01 : 1.5mm U125F.02 : 2.0mm U125F.03 : 2.5mm U125F.04 : 2.7mm U125F.05 : 3.2mm	Cat. No. Size U125F.06 : 3.5mm U125F.07 : 4.0mm U125F.08 : 4.5mm U125F.09 : 6.5mm
U127A - Counter Sink with T handle 		Cat. No. Size U127A.01: 5.0mm Head for 1.5 / 2.0 / 2.5 / 2.7mm U127A.02 : 6.0mm Head for 6mm Head 3.5 / 4.0mm U127A.03 : 8.0mm Head for 6mm Head 4.5 / 6.5mm	

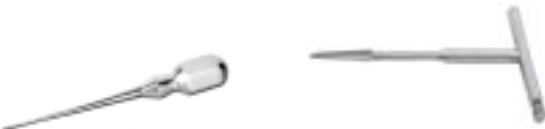


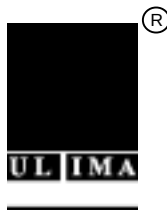
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Plate Bending Instruments	
U131A - Plate Benders 	<u>Cat. No. Size</u> U131A.01 : mini
	U131A.02 : small
U131A.03 - Plate Bender for small fragmnt	
	U131A.04 : Large
	U131B.01 : Plate Bending Roller Type 14"
	U131C.01 : Plate Bender Recon Small (2.7mm) U131C.02 : Plate Bender Recon (3.5mm) U131C.03 : Plate Bender Recon (4.5mm)
	U131C.04 : Plate Bender Recon 3.5 / 4.5 mm
	U131D.01 : Plate Bending Press Type



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BONE DRILLS - BONE AWLS - HAMMERS	
 U133A.01 : T Handle Jacobs chuck With Chuck & Key Short U133A.02 : T Handle Jacobs Chuck with Chuck & Key Long	 U133A.04 : Bone Drills Universal with Chuck & Key
 U133A.06: Bone Drills open Gear with Chuck & Key	 U133A.08 : Bone Drills mini with collet
	 U133A.09 : S.S.Chuck & key 4.0 mm U133A.10 : S.S.Chuck & key 1/4" U133A.11 : Spare key
	 U134A.01 : Bone Awl with Eye. U134A.02 : Bone Awl for Fore Arm - 4" - T handle U134A.03 : Bone Awl for Humerus - 5" - T-handle. U134A.04 : Bone Awl 6" - T handle
 U135A.01 : Bone Hammers Mini 150gms FH U135A.02 : Bone Hammers Small 350gms FH U135A.03 : Bone Hammers Medium 500Gms FH U135A.04 : Bone Hammer Big 700Gms FH U135A.05: Bone Hammers Nylon Faced 500Gms	 U135B.01 : Bone Hammers Mini 150gms SS U135B.02 : Bone Hammers Small 350gms SS U135B.03 : Bone Hammers Medium 500Gms U135B.04 : Bone Hammer Big 700Gms SS



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MASTOID - OSTEOTOMES - CHISELS - GOUGE

U141A / B - Osteotome With Fiber Handle



Stright

Cat. No.	Size
U141A.01 :	5mm
U141A.02 :	10mm
U141A.03 :	15mm
U141A.04 :	20mm
U141A.05 :	25mm

Curved

Cat. No.
U141B.01
U141B.02
U141B.03
U141B.04
U141B.05

U141C / D - Osteotome With S.S Handle



Stright

Cat. No.	Size
U141C.01 :	5mm
U141C.02 :	10mm
U141C.03 :	15mm
U141C.04 :	20mm
U141C.05 :	25mm

Curved

Cat. No.
U141D.01
U141D.02
U141D.03
U141D.04
U141D.05

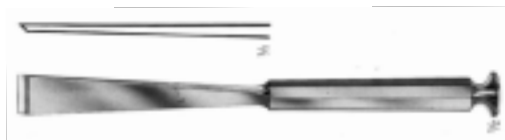
U143A / B - Chisel With Fiber Handle



Cat. No. Size

Cat. No.	Size	Cat. No.
U143A.01 :	5mm	U143B.01
U143A.02 :	10mm	U143B.02
U143A.03 :	15mm	U143B.03
U143A.04 :	20mm	U143B.04
U143A.05 :	25mm	U143B.05

U143 C / D - Chisel With S.S Handle



Stright

Cat. No.	Size
U143C.01 :	5mm
U143C.02 :	10mm
U143C.03 :	15mm
U143C.04 :	20mm
U143C.05 :	25mm

Curved

Cat. No.
U143D.01
U143D.02
U143D.03
U143D.04
U143D.05

U145A / B - Gouge With Fiber Handle



Stright

Cat. No.	Size
U145A.01 :	5mm
U145A.02 :	10mm
U145A.03 :	15mm
U145A.04 :	20mm
U145A.05 :	25mm

Curved

Cat. No.
U145B.01
U145B.02
U145B.03
U145B.04
U145B.05

U145 C / D - Gouge With S.S Handle

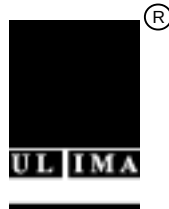


Stright

Cat. No.	Size
U145C.01 :	5mm
U145C.02 :	10mm
U145C.03 :	15mm
U145C.04 :	20mm
U145C.05 :	25mm

Curved

Cat. No.
U145D.01
U145D.02
U145D.03
U145D.04
U145D.05



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GRAFT PUNCHES & PERIOSTEAL ELEVATORS

U147A Bone Graft Punches



U147A.01-04



U147A.05

Cat. No. Size

U147A.01 : Round S.S 5mm
U147A.02 : Round S.S 8mm
U147A.03 : Round S.S 12mm
U147A.04 : Round S.S 16mm
U147A.05 : L-Shape
U147A.06 : Shoe Shape
U147A.07 : C Shape
U147A.08 : Graft perforator

U149A / B Periosteal Elevators - Stilly S.S



Stright

Cat. No. Size

U149A.01 : 6mm
U149A.02 : 8mm
U149A.03 : 10mm
U149A.04 : 12mm
U149A.05 : 14mm

Curved

Cat. No. Size

U149B.01 : 6mm
U149B.02 : 8mm
U149B.03 : 10mm
U149B.04 : 12mm
U149B.05 : 14mm

U149 C / D - Periosteal Elevators - Fiber Handle



Stright

Cat. No. Size

U149C.01 : 6mm
U149C.02 : 8mm
U149C.03 : 10mm
U149C.04 : 12mm
U149C.05 : 14mm

Curved

Cat. No. Size

U149D.01 : 6mm
U149D.02 : 8mm
U149D.03 : 10mm
U149D.04 : 12mm
U149D.05 : 14mm

U151A - Bristow Periosteal Elevators



Cat. No. Size

U151A.01

U152A /B /C - Retractors / Dissectors



U152A.01



U152A.02



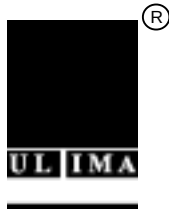
U152B.01-02



U152C.01

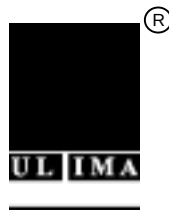
Cat. No. Size

U152A.01 : Nerve Root Retractor Straight
U152A.02 : Nerve Root Retractor 45 deg.
U152A.03 : Nerve Root Retractor 90 deg.
U152B.01 : McDowell's Dissector
U152B.02 : Nerve root dissector
U152C.01 : Dura elevator

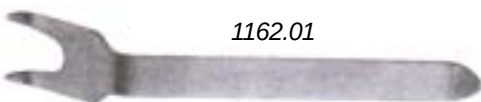


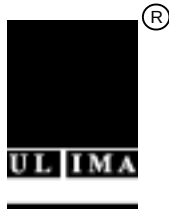
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ELEVATOR / SCOOPES / CURRETTE			
U153A / B Cobs Spinal Elevator - 12" 	Fiber Handle <u>Cat. No.</u> <u>Size</u> U153A.01 : 3 /8' U153A.02 : 1 /2'. U153A.03 : 3 /4'		Al. Handle <u>Cat. No.</u> <u>Size</u> U153B.01 : 3 /8' U153B.02 : 1 /2' U153B.03 : 3 /4'.
	U155 A - Capner Gauge 		Cat. No. Size U155A.01: Stright U155A.02 : Curved U155A.03 : Deep Curved
	U159A - Bone Scoope (Curret) Double End 		
	<u>Cat. No.</u> <u>Size</u> U159A.01 : 3 x 6mm U159A.02 : 4 x 7mm U159A.03 : 5 x 8mm		
U159 B / C - Bone Currette 	Fiber Handle <u>Cat. No.</u> <u>Size</u> U159B.01 : Small (1 /8') U159B.02 : Medium (3 /16 ') U159B.03 : Large (1 / 4 ')		Al. Handle <u>Cat. No.</u> <u>Size</u> U159C.01 : <i>Small</i> (1 /8') U159C.02 : <i>Medium</i> (3 / 16 ' U159C.03 : <i>Large</i> (1 / 4 ')
	U159 D - Long Bone Currette 		
	SS <u>Cat. No.</u> <u>Size</u> U159D.01 : 12mm U159D.02 : 15mm U159D.03 : 18mm		



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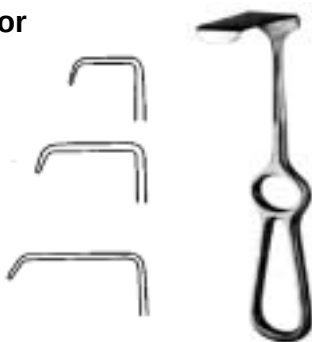
HOWMAN RACTORS																	
U163A - Howman Bone Spikes (Short narrow tip) 	<table> <tr> <th>Cat. No.</th><th>Size</th></tr> <tr> <td>U163A.01</td><td>: 6.0mm x160mm Length</td></tr> <tr> <td>U163A.02</td><td>: 8.0mm x160mm Length</td></tr> <tr> <td>U163A.05</td><td>: 15mm x 160mm Length</td></tr> </table>	Cat. No.	Size	U163A.01	: 6.0mm x160mm Length	U163A.02	: 8.0mm x160mm Length	U163A.05	: 15mm x 160mm Length								
Cat. No.	Size																
U163A.01	: 6.0mm x160mm Length																
U163A.02	: 8.0mm x160mm Length																
U163A.05	: 15mm x 160mm Length																
U163B - Howman Retractors Narrow medium Tip 	<table> <tr> <th>Cat. No.</th><th>Size</th></tr> <tr> <td>U163B</td><td>: 6mm x 220mm length</td></tr> <tr> <td>U163B.02</td><td>: 8mm x 220mm length</td></tr> <tr> <td>U163B.03</td><td>: 18mm x 270mm Length</td></tr> </table>	Cat. No.	Size	U163B	: 6mm x 220mm length	U163B.02	: 8mm x 220mm length	U163B.03	: 18mm x 270mm Length								
Cat. No.	Size																
U163B	: 6mm x 220mm length																
U163B.02	: 8mm x 220mm length																
U163B.03	: 18mm x 270mm Length																
U163C - Howman Retractors wide long Tip 	<table> <tr> <th>Cat. No.</th><th>Size</th></tr> <tr> <td>U163C.01</td><td>: 22mm x 250mm length</td></tr> <tr> <td>U163C.02</td><td>: 22mm x 270mm length</td></tr> <tr> <td>U163C.03</td><td>: 47mm x 240mm Length</td></tr> <tr> <td>U163C.04</td><td>: 70mm x 240mm Length</td></tr> </table>	Cat. No.	Size	U163C.01	: 22mm x 250mm length	U163C.02	: 22mm x 270mm length	U163C.03	: 47mm x 240mm Length	U163C.04	: 70mm x 240mm Length						
Cat. No.	Size																
U163C.01	: 22mm x 250mm length																
U163C.02	: 22mm x 270mm length																
U163C.03	: 47mm x 240mm Length																
U163C.04	: 70mm x 240mm Length																
U165A - MISC Retractor  1162.01	<table> <tr> <th>Cat. No.</th><th>Size</th></tr> <tr> <td>U165A.01</td><td>: Blount Retractor</td></tr> <tr> <td>U165A.02</td><td>: Shoulder Retractor</td></tr> <tr> <td>U165A.03</td><td>: 90Deg. Angled Retractor 20mm</td></tr> <tr> <td>U165A.04</td><td>: 90Deg. Angled Retractor 25mm</td></tr> <tr> <td>U165A.05</td><td>: 90Deg. Angled Retractor 30mm</td></tr> <tr> <td>U165A.06</td><td>: Cobrahead Retractor - Left</td></tr> <tr> <td>U165A.07</td><td>: Cobrahead Retractor - Right</td></tr> </table>	Cat. No.	Size	U165A.01	: Blount Retractor	U165A.02	: Shoulder Retractor	U165A.03	: 90Deg. Angled Retractor 20mm	U165A.04	: 90Deg. Angled Retractor 25mm	U165A.05	: 90Deg. Angled Retractor 30mm	U165A.06	: Cobrahead Retractor - Left	U165A.07	: Cobrahead Retractor - Right
Cat. No.	Size																
U165A.01	: Blount Retractor																
U165A.02	: Shoulder Retractor																
U165A.03	: 90Deg. Angled Retractor 20mm																
U165A.04	: 90Deg. Angled Retractor 25mm																
U165A.05	: 90Deg. Angled Retractor 30mm																
U165A.06	: Cobrahead Retractor - Left																
U165A.07	: Cobrahead Retractor - Right																
U165B - Open Shoulder Surgery Instruments  U165B.01 - 02 U165B.03 U165B.04 U165B.05 U165B.06	<table> <tr> <th>Cat. No.</th><th>Size</th></tr> <tr> <td>U165B.01</td><td>: Shoulder head retractor small</td></tr> <tr> <td>U165B.02</td><td>: Shoulder head retractor big</td></tr> <tr> <td>U165B.03</td><td>: Glednoid lever single prong</td></tr> <tr> <td>U165B.04</td><td>: Glednoid lever double prong</td></tr> <tr> <td>U165B.05</td><td>: Glednoid retractor</td></tr> <tr> <td>U165B.06</td><td>: Bankart awl</td></tr> </table>	Cat. No.	Size	U165B.01	: Shoulder head retractor small	U165B.02	: Shoulder head retractor big	U165B.03	: Glednoid lever single prong	U165B.04	: Glednoid lever double prong	U165B.05	: Glednoid retractor	U165B.06	: Bankart awl		
Cat. No.	Size																
U165B.01	: Shoulder head retractor small																
U165B.02	: Shoulder head retractor big																
U165B.03	: Glednoid lever single prong																
U165B.04	: Glednoid lever double prong																
U165B.05	: Glednoid retractor																
U165B.06	: Bankart awl																



Ultima[®] Orthopaedic Implants
Dedicated Quality to Surgeons

RETRACTORS / LENGENBECK / LANES

U166A / B - Right Angle Retractor (Lengenbeck)



U166A - Plain

Cat. No. Size

U166A.01 : Small
U166A.02 : Medium
U166A.03 : Large
U166A.04 : Extra Large

U166B - Ring

Cat. No. Size

U166B.01 : Small
U166B.02 : Medium
U166B.03 : Large
U166B.04 : Extra Large

U167A - Bone Lever Lanes - Plain



Cat. No. Size

U167A.01 : Small (8 1/2")
U167A.02 : Medium (10 1/2")
U167A.03 : Large (12")

U167B - Lane's Bone Lever - Serrated



Cat. No. Size

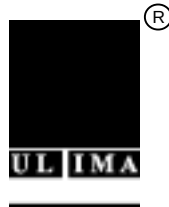
U167B.01 : Small (8 1/2")
U167B.02 : Medium (10 1/2")
U167B.03 : Large (12")

U167C - Bone Spike



Cat. No. Size

U167C.01 : Small
U167C.02 : Medium
U167C.03 : Large



Ultima[®] Orthopaedic Implants
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HOOK RETRACTORS

U170A / B - Volkman's Retractor Sharp / Blunt



Sharp

Cat. No. Size

U170A.01 : Two Prongue
U170A.02 : Three Prongue
U170A.03 : Four Prongue
U170A.04 : Deep Retractor

Blunt

Cat. No. Size

U170B.01 : Two Prongue
U170B.02 : Three Prongue
U170B.03 : Four Prongue
U170B.04 : Deep Retractor

U171A - Right Angled Retractor D/E (Volkman's)



1165.01



1165.02

Cat. No. Size

U171A.01 : Right Angle Retractor
U171A.02 : Double Hook Retractor

U172A / B - Bone Hook Retractors Sharp / Blunt



Sharp

Cat. No. - Size

U172A.01 : small
U172A.02 : medium
U172A.03 : Large

Blunt

Cat. No. - Size

U172B.01 : small
U172B.02 : medium
U172B.03 : Large
U172B.04 : with T Handle

U173A / B - Skin Hook Retractors Sharp / Blunt



Sharp

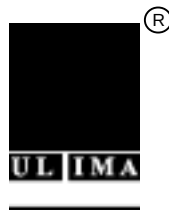
Cat. No. Size

U173A.01 : 1 Prongue
U173A.02 : 2 Prongue
U173A.03 : 3 Prongue

Blunt

Cat. No. Size

U173B.01 : 1 Prongue
U173B.02 : 2 Prongue
U173B.03 : 3 Prongue



Ultima[®] Orthopaedic Implants
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BONE HOLDING CLAMPS

U185A - Lowman Bone Clamp



Cat. No. Size

U185A.01 : Mini - 4"
U185A.02 : Small - 6"
U185A.03 : Medium - 8"
U185A.04 : Large - 10"

U185B - Lane's (BH) Fcps with Rachet



Cat. No. Size

U185B.01 : Small - 8"
U185B.02 : Medium - 10"
U185B.03 : Large - 12"

U185 D / E / F - Reduction Forceps (Rachet Lock) (Serrated)



Cat. No. Size

U185D.01 : Mini - 4"
U185D.02 : Small - 6"
U185D.03 : Medium - 8"
U185D.04 : Large - 10"
U185D.05 : Ex.Large-12"

(Pointed)

Cat. No. Size

U185E.01 : Mini - 4"
U185E.02 : Small - 6"
U185E.03 : Medium - 8"
U185E.04 : Large - 10"
U185E.05 : Ex. Large - 12"

U185F.01 : with K wire Guide 6"

U185F.02 : with K wire Guide 8"

U185G / H - Reduction Forceps (Speed Lock)



185G . 01-05

185H . 01-05

(Serrated)

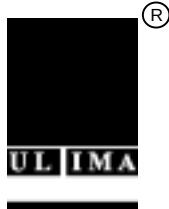
Cat. No. Size

U185G.01 : Mini - 4"
U185G.02 : Small - 6"
U185G.03 : Medium - 8"
U185G.04 : Large - 10"
U185G.05 : Ex.Large-12"

(Pointed)

Cat. No. Size

U185H.01 : Mini - 4"
U185H.02 : Small - 6"
U185H.03 : Medium - 8"
U185H.04 : Large - 10"
U185H.05 : Ex. Large - 12"



Ultima[®] Orthopaedic Implants
Dedicated Quality to Surgeons

BONE HOLDING CLAMPS

U185J - Heygrooves Bone Holding Forceps - with Speed lock



Cat. No. Size

U185J.01 : Small - 8"

U185J.02 : Medium - 10"

U185J.03 : Large - 12"

U185K - Self Centering Bone Holding Forceps with speed lock



Cat. No. Size

U185K.01 : Mini - 4"

U185K.02 : Small - 6"

U185K.03 : Medium - 8"

U185K.04 : Large - 10"

U185K.05 : Ex. Large - 12"

U185L - Burns Bone Holding Forceps



U185L .01-02



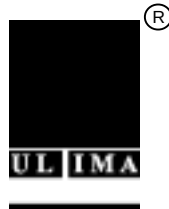
U185L .03

Cat. No. Size

U185L.01 : Straight

U185L.02 : Curved

U185L.03 : Modified - 6"



Ultima[®] Orthopaedic Implants
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PLATE & BONE HOLDING - PATELA BH

U185M - Plate and Bone Holding Forceps

Cat. No. Size



U185M.01



U185M.02

U185M.01 : Plate Bone holding Forceps for D.C.P Plate Small 3.5mm- 8'
U185M.02 : Plate Bone holding Forceps for D.C.P Plate 4.5mm 9'

U185P / Q - Plate and Bone Holding Forceps

Cat. No. Size



U185P . 01 - 02



U185Q . 01-03

U185P.01 : Mani Plate Holding Forceps - Small 3.5mm
U185P.02 : Mani Plate Holding Forceps - Big 4.5mm

U185Q.01 : Mani Plate & Bone Holding Sliding - Small
U185Q.02 : Mani Plate & Bone Holding Sliding - Medium
U185Q.03 : Mani Plate & Bone Holding Sliding - Large

U189 A - Patela Bone Holding Forceps

Patela Bone Holding Forceps



U189A .01-02



U189A .03-04

Cat. No. Size

U189A.01 : Single Prong 8"
U189A.02 : Single Prong 10"
U189A.03 : Double Prong 8"
U189A.04 : Double Prong 10"

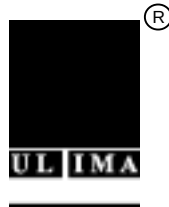
U189 C - Patela Bone Holding Forceps with Guard



U189C .03-04

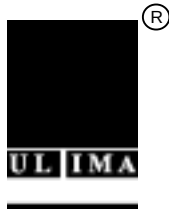
Cat. No. Size

U189C.01 : Single Prong 8"
U189C.02 : Single Prong 10"
U189C.03 : Double Prong 8"
U189C.04 : Double Prong 10"



Ultima[®] Orthopaedic Implants
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PLASTER CUTTING SET	
 U190A.01 : Plaster Saw- Heavy Duty	 U190A.02 : Plaster Saw- Engel
 U190A.03 : Plaster Spreader wide Blade	 U190A.04 : Plaster Cutting Scissor with spring
 U190A.05 : Electrical Plaster Cutting Saw	 U190A.06 : Plaster Spreader modified
 U190A.07 : Plaster Opener	 U190A.08 : Plaster Shear
 U190A.10 : Electrical Plaster Cutting Blade small U190A.11 : Electrical Plaster Cutting Blade big	
 U191A.01 : Amputation saw U191A.02 : Fingers saw U191A.03 : Bone file SS handle U191A.04 : Bone file FH handle	 U191B.01 : Gigli Saw Wire- Ordinary U191B.02 : Gigli Saw Wire- Imported U191B.03 : Gigli Saw Wire- Fine (Imported) U191B.04 : Gigli Saw Handle (In Pair) U191B.05 : Gigli Saw Introducer



Ultima[®] Orthopaedic Implants
Dedicated Quality to Surgeons

LAMINACTOMY INSTRUMENTATION

U200A / B - Bone Cutting Forceps, Double Action



U200A . 01-03



U200B . 01-03

Stright		Curved
Cat. No.	Size	Cat. No.
U200A.01	7 1/2"	U200B.01
U200A.02	9"	U200B.02
U200A.03	11"	U200B.03

U200C- Tudor Edward Bone Cutting Forceps



Cat. No.
U200C.01

U201A / B / C - Bone Nibbler, Double Action



U201A . 01-03



U201B . 01-03



U201C . 01-03

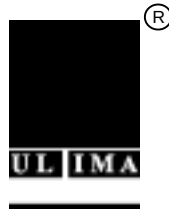
	Stright	Curved	Angled
Size	Cat.No.	Cat. No.	Cat. No.
7 1/2"	U201A.01	U 201B.01	U201C.01
9"	U201A.02	U201B.02	U201C.02
11"	U201A.03	U201B.03	U201C.03

U202A / B - Sargent Ronger D/A



Double Action-Big

Stright	Curved
Cat. No.	Cat. No.
U202A.01	U202B.01



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ROUNGERS

U203A - Lacksell Rounger

Cat. No. Size

U203A.01



U203B - Olecrona Rounger

Cat. No. Size

U203B.01



U203C - Killner Rounger

Cat. No. Size

U203C.01

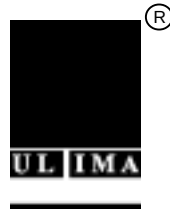


U203D - Spinal Rongers D / A

Cat. No.

U203D.01





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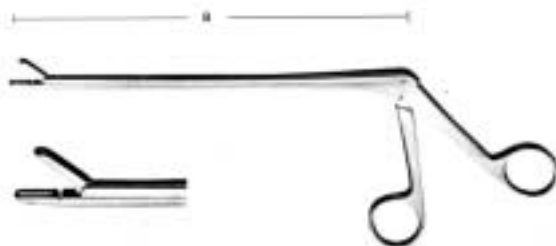
DISC FORCEPS - PUNCHES

Disc Punch Cup - Plain Tip 7" Length

Size	Straight	Upward	Downward
1mm	U205B.01	U205B.11	U205B.21
2mm	U205B.02	U205B.12	U205B.22
3mm	U205B.03	U205B.13	U205B.23
4mm	U205B.04	U205B.14	U205B.24

Disc Punch Serreted Tip 7" Length

Size	Straight	Upward	Downward
1mm	U206B.01	U206B.11	U206B.21
2mm	U206B.02	U206B.12	U206B.22
3mm	U206B.03	U206B.13	U206B.23
4mm	U206B.04	U206B.14	U206B.24



Disc Punch Cutting 7" Length

Size	Straight	45°
1mm	U 207B.01	U207B.21
2mm	U207B.02	U207B.22
3mm	U207B.03	U207B.23

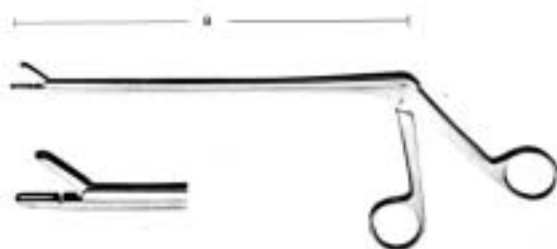
DISC FORCEPS - PUNCHES 8" Length

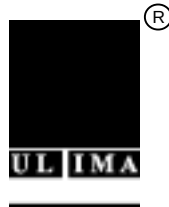
Disc Punch Cup - Plain 8" Length

Size	Straight	Upward	Downward
1mm	U205C.01	U205C.11	U205C.21
2mm	U205C.02	U205C.12	U205C.22
3mm	U205C.03	U205C.13	U205C.23
4mm	U205C.04	U205C.14	U205C.24

Disc Punch Serrated 8" Length

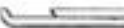
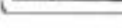
Size	Straight	Upward	Downward
1mm	U206C.01	U206C.11	U206C.21
2mm	U206C.02	U206C.12	U206C.22
3mm	U206C.03	U206C.13	U206C.23
4mm	U206C.04	U206C.14	U206C.24

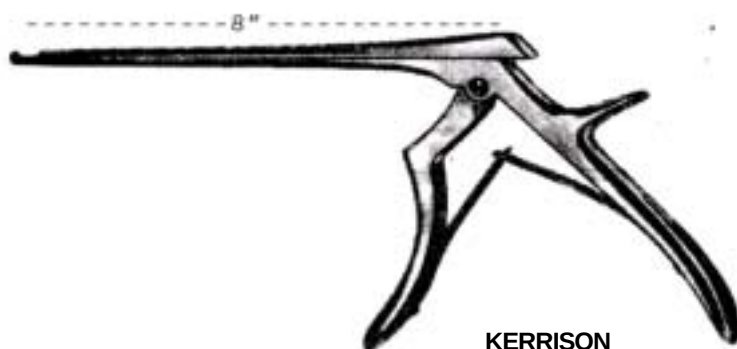




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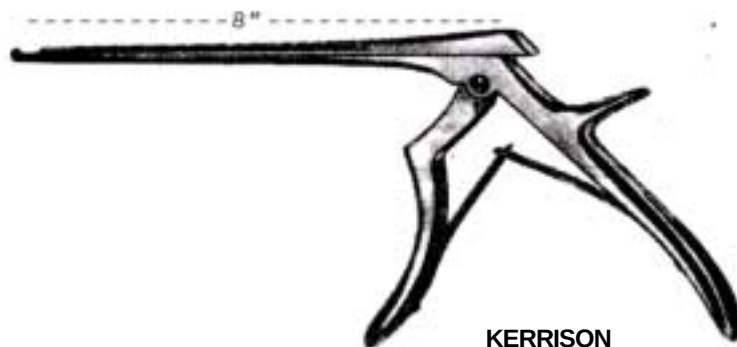
KERRISON PUNCHES

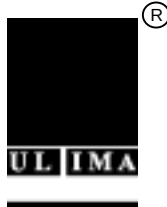
Size	90° Up - Down - 8" Length		45° Up - Down - 8" Length	
1 mm	 210C.01	 210C.11	 211C.01	 211C.11
2 mm	 210C.02	 210C.12	 211C.02	 211C.12
3 mm	 210C.03	 210C.13	 211C.03	 211C.13
4 mm	 210C.04	 210C.14	 211C.04	 211C.14
5 mm	 210C.05	 210C.15	 211C.05	 211C.15



KERRISON PUNCHES

Size	90° Up - Down - 9" Length		45° Up - Down - 9" Length	
1 mm	 210D.01	 210D.11	 211D.01	 211D.11
2 mm	 210D.02	 210D.12	 211D.02	 211D.12
3 mm	 210D.03	 210D.13	 211D.03	 211D.13
4 mm	 210D.04	 210D.14	 211D.04	 211D.14
5 mm	 210D.05	 210D.15	 211D.05	 211D.15

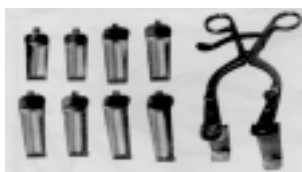




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U215A- Spinal Retractors

U215A.02 - 03



Cat. No. Size

- U215A.01 : Cervical lamina Spreader with Lever
- U215A.02 : Cervical Retractor small with 10 detachable blades
- U215A.03 : Cervical Retractor Large with 10 detachable (fall up) blades
- U215A.04 : Pinachitto self retaining retractor with 6 detachable blades
- U215A.05 : Pinachitto self retaining retractor with 6 detachable blades(fall-up)
- U215A.06 : Pinachitto self retaining retractor with Lever small
- U215A.07 : Pinachitto self retaining retractor with Lever medium
- U215A.08 : Pinachitto self retaining retractor with Lever Large
- U215A.09 : Final retractor 2 level hinges detachable multiple blades

U215A.01



U215A.05



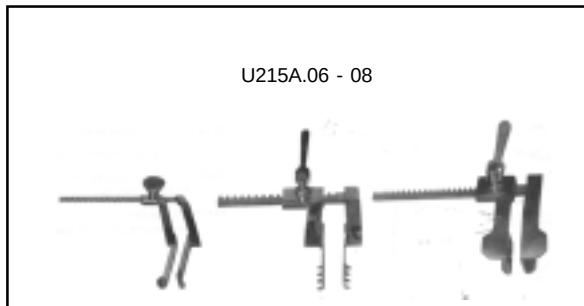
U215A.02 - 04

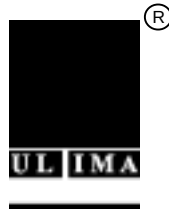


U215A.04



U215A.06 - 08





Ultima[®] Orthopaedic Implants
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SPINAL RETRACTORS

U220A - Mini Retractors - Self Retaining



U220A .01



U220A .02

Cat. No. Size

U220A.01 : Mini Self Retaining Retractor for Fingers

U220A.02 : Mini Self Retaining Retractor for Metacarpals
(with Hinge)

U221A / B - Mastoid Self Retaining Retractor



Stright

Curved

Cat. No. Size

U221A.01 : Small

U221A.02 : Medium

U221A.03 : Large

U221A.04 : Extra Large

Cat. No.

U221B.01

U221B.02

U221B.03

U221B.04

U223A - Self Retaining Retractor Hinged



Cat. No. Size

U223A.01 :Self Retaining retractor with fall up
blades 10"(hemi with fall up)

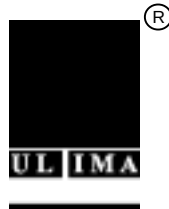
U223A.02 :Self Retaining retractor with fall up
blades 12"(hemi with fall up)

U225A - Self retaining retractor with 4 Blades (for Shoulder / Spine)



Cat. No. Size

U225A.01 : Self retaining retractor (R- frame) with 4 blades



Ultima[®] Orthopaedic Implants
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SPINE / SKULL INSTRUMENT SETS

U230A - Hemi Laminectomy Retractor



Cat. No. Size

- U230A.01 : Gelpi Retractor Small
- U230A.02 : Gelpi Retractor Big
- U230A.03 : Hemi laminectomy retractor -left
- U230A.04 : Hemi laminectomy retractor -Right

U232A - Skull Surgery Instruments



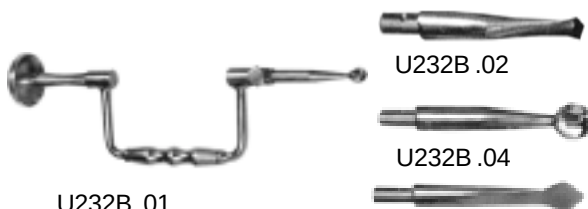
U232A .05

U232A .01-03

Cat. No. Size

- U232A.01 : Crutch Field tong with Two Burrs- Small
- U232A.02 : Crutch Field tong with Two Burrs- Medium
- U232A.03 : Crutch Field tong with Two Burrs- Large
- U232A.04 : Spare Burrs for Crutch Field tong
- U232A.05 : Gardner- Wells Traction tongs,

U232B - Hudson Brace



U232B .01

U232B .02

U232B .04

U232B .05

Cat. No. Size

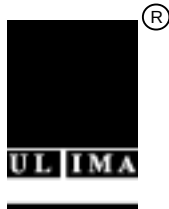
- U232B.01 :Hudson Brace
- U232B.02 :Hudson Conical Bur - 9mm
- U232B.03 :Hudson Spherical Bur - 13mm
- U232B.04 :Hudson Spherical Bur - 16mm
- U232B.05 :Hudson Perforator - 11mm

U235A- Instruments for TKR / THR



Cat. No. Size

- U235A.01 :Tendon stripper closed
- U235A.02 :Tendon stripper open,
- U235A.03 :Tunnelling Forceps
- U235A.04 :Smilie's Knee Joint Retractor (Set of Six)
- U235A.05 :Ligament knife
- U235A.06 :Miniscus forceps
- U235A.07 :Martin cartilage clamp
- U235A.08 :Blount knee retractor



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SPONGE HOLDERS - TOWEL CLIPS - BP HANDLES

U350A - Sponge Holders



Cat No. Size

- U350A.01 :Sponge holding forcep 8"
- U350A.02 :Sponge holding forcep 10"
- U350A.03 :Sponge holding forcep 12"

U351A -Towel Clips (X-Action) Schaedef



Cat No. Size

- U351A.01 :Towel clip 9cm-3.1/2' x action-schaedel

U351B -Towel Clips (Backhaus)



Cat No. Size

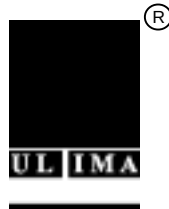
- U351B.01 :Towel clip 13cm-5.1/8 backhaus
- U351B.02 :Towel clip 15cm-6 backhaus
- U351B.03 :Towel clip 18cm-7 backhaus

U352A -B.P Handles



Cat No. Size

- U352A.01 :B.P Handles 12.5 cm -5' - no.3
- U352A.02 :B.P Handles 13.5cm -53/8" no.4
- U352A.03 :B.P Handles 16.5 cm -6.1/2 ' no.7
- U352A.04 :B.P Handles 20 cm -8' - no.3L
- U352A.05 :B.P Handles 21 cm -8.1/4' - no.4L
- U352A.06 :B.P Handles 23 cm -9' - no.7L



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SCISSORS

U355A / B- Scissors (IRIS)



Stright

Curved

Cat No. Size

Cat No.

U355A.01 11.5cm -4.1/2 U355B.01 11.5cm -4.1/2

U355C.01 Umbilical cord scissor



U357A / B - Scissors (Mayos)

Stright

Curved

Cat No. Size

Cat No.

U357A.01 :15cm -6"

U357B.01 :15cm -6"

U357A.02 :18cm -7"

U357B.02 :18cm -7"

U357A.03 : 20cm -8"

U357B.03 : 20cm -8"



U358A / B - Scissors (Metzenbaum)

Stright

Curved

Cat No. Size

Cat No.

U358A.01 :15cm -6"

U358B.01 :15cm -6"

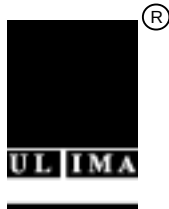
U358A.02 :18cm -7"

U358B.02 :18cm -7"

U358A.03 : 20cm -8"

U358B.03 : 20cm -8"





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SCISSORS

U359A / B - Dressing Scissors straight (two sharp points)



<u>Straight Cat No.</u>	<u>Size no.</u>	<u>Curved Cat No.</u>
U359A.02	5 Inches	U359B.02
U359A.03	6 Inches	U359B.03
U359A.04	7 Inches	U359B.04
U359A.05	8 Inches	U359B.05

U359C / D - Dressing Scissors straight (one sharp & one blunt)



<u>Straight Cat No.</u>	<u>Size no.</u>	<u>Curved Cat No.</u>
U359C.02	5 Inches	U359D.02
U359C.03	6 Inches	U359D.03
U359C.04	7 Inches	U359D.04
U359C.05	8 Inches	U359D.05

U359E / F - Dressing Scissors straight (both blunt points)

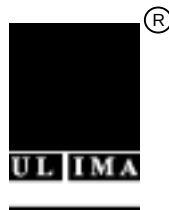


<u>Straight Cat No.</u>	<u>Size no.</u>	<u>Curved Cat No.</u>
U359E.02	5 Inches	U359F.02
U359E.03	6 Inches	U359F.03
U359E.04	7 Inches	U359F.04
U359E.05	8 Inches	U359F.05

U359G - Episotomy Scissors



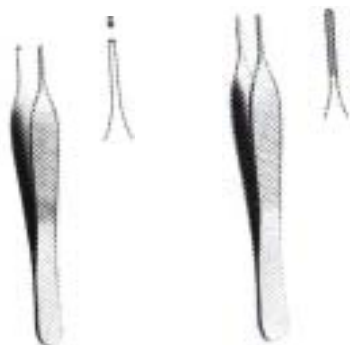
<u>Cat No.</u>	<u>Size no.</u>
U359G.01	15 cm
U359G.02	20 cm



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Dissecting Forceps

U360A / B- Dissecting Forceps (Adson)



Toothed

Cat No. Size
U360A.01: 12cm - 4. 3/4"

Non-Toothed

Cat No.
U360B.01: 12cm - 4.3/4"

U362A / B- Dissecting Forceps (Micro Adson)



Toothed

Cat No. Size
U362A.01: 15cm - 8"

Non-Toothed

Cat No.
U362B.01

U364A / B- Dissecting Forceps (Standard)

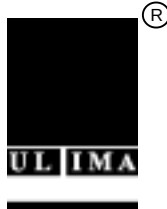


Toothed

Cat No. Size
U364A.01: 15cm - 5.9"
U364A.02: 16cm - 6.1/4"
U364A.03: 20cm - 8"

Non-Toothed

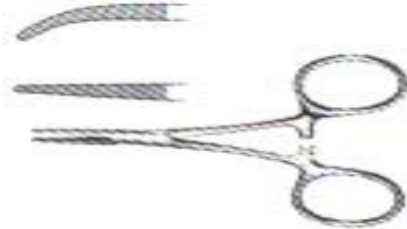
Cat No. Size
U364B.01 15cm - 5.9"
U364B.02 16cm - 6.1/4"
U364B.03 20cm - 8"



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ARTERY FORCEPS

U366A / B-Artery Forceps (Mosquito-Halsted)



Srtight

<u>Cat No.</u>	<u>Size</u>
U366A.03:	9.5cm
U366A.04:	10cm
U366A.05:	12.5cm

Curved

<u>Cat No.</u>
U366B.03
U366B.04
U366B.05

U368A / B - Artery Forceps (Crile Rankin)



Srtight

<u>Cat No.</u>	<u>Size</u>
U368A.01:	12.5cm - 5"

Curved

<u>Cat No.</u>
U368B.01

U370A / B-Artery Forceps (Spencer-Wells)

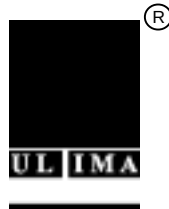


Srtight

<u>Cat No.</u>	<u>Size</u>
U370A.01:	18cm 7"
U370A.02:	20cm - 8"

Curved

<u>Cat No.</u>
U370B.01
U370B.02



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ARTERY - KOCKERS - MIXTURE FORCEP

U372A / B - Kockers Rochester Ochsner



Straight

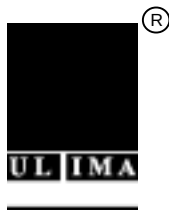
Curved

<u>Cat No.</u>	<u>Size</u>	<u>Cat No.</u>
U372A.01:	16cm 6 1/4"	U372B.01
U372A.02:	20cm - 8"	U372B.02

U374A - Right Anguled Forceps (Mixer)

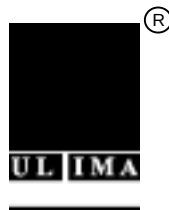


<u>Cat No.</u>	<u>Size</u>
U374A.01 :	16cm - 6.1/4
U374A.02 :	18cm - 7
U374A.03 :	20cm - 8



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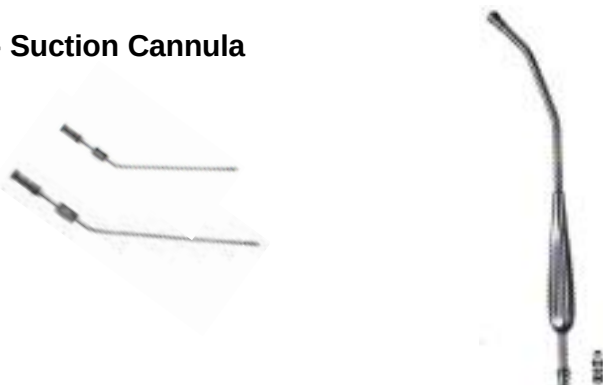
Tissue Forceps			
U376A - Tissue Forceps (Allis)			
	<u>Cat No.</u> <u>Size</u>		
	U376A.01 :15cm.6'.teeth 5.x.6		
	U376A.02 :18cm.7'.teeth 5.x.6		
	U376A.03 :20cm.8'.teeth 5.x.6		
U376B - Tissue Forceps(Babcock)			
	<u>Cat No.</u> <u>Size</u>		
	U376B.01 :16cm.6.1/4		
	U376B.02 : 20cm.8.		
	U378A - Needle Holder (Mayo Hegar-Heavy)		
	<u>Cat No.</u> <u>Size</u>		
	U378A.01 :12.5cm 5"		
	U378A.02 :15cm.6"		
	U378A.03 :18cm.7"		
	U378A.04 :20cm.8"		
U378B - Needle Holder (Crile Wood)			
	<u>Cat No.</u> <u>Size</u>		
	U378B.01 :15cm.6"		
	U378B.02 :18cm.7"		
	U378B.03 :20cm.8"		
U379A / B - Needle Holder (Bozemen)			
	<u>Straight</u> <u>Cat No.</u>	<u>Size no.</u>	<u>Curved</u> <u>Cat No.</u>
	U379A.02	12.5cm / 5"	U379B.02
	U379A.03	15cm / 6"	U379B.03
	U379A.04	18cm / 7"	U379B.04
	U379A.05	20cm / 8"	U379B.05



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SUCTION CANNULA - MISC. INST.

U380A - Suction Cannula



Cat No. Size

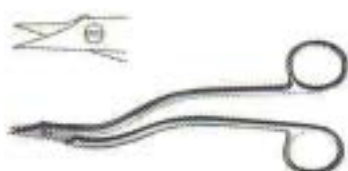
U380A.01 :Frazier .no.3

U380A.02 :Frazier .no.4

U380A.03 :32cm .12.1/2"

U380A.04 : Yankauer

U382A - Suture Instruments



Cat No. Size

U382A.01 :Heath suture removal scissors 15cm 6"

U384A- Misc.Instruments



Cat. No. Size

U384A.01: Silvers Skin Grafting Knife

U384A.02: Skin Grafting Knife

U384A.03: Skin Grafting Blade

U384A.04: Varicose vein stripper

U384A- Cheatle forceps



Cat. No. Size

U384A.05: Cheatle forceps 8"

U384A.06: Cheatle forceps 10"

U384A.07: Cheatle forceps 12"

U384A- Intenstial Forceps Elastic



Straight Cat

Size

Curved Cat

U384A.08

20cm

U384A.08

U384A.09

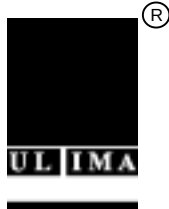
24cm

U384A.09

U384A.10

30cm

U384A.10



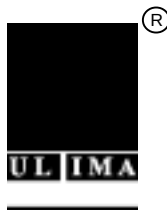
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U384A- Uterine Vulesellem Teales			
	Cat. No.	Size	
	U384.15:	2x2 teeth box joint	
	U384.16:	3x4 teeth box joint	

U384A- Out let Forceps			
	wingleys Cat	Size	simpson Cat
	U384.20	10"	U384.22
	U384.21	12"	U384.23

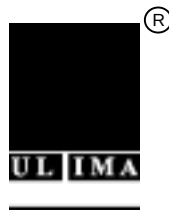
U384A- Proctoscope			
	Cat. No.	Size	
	U384.25:	child	
	U384.26:	adult	

U384A- Retractor deavers			
	Cat. No.	Size	
	U384.30:	small	
	U384.31:	medium	
	U384.32:	large	



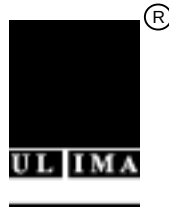
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INSTRUMENT CARE	
<u>PROBLEM</u>	<u>SOLUTION</u>
<u>CORROSION:</u> 1) Debris and residue in box locks, serrations and ratchets. 2) Moisture remaining on the instruments within the sterile wrapped packs; excessive moisture in autoclave during sterilization and termination of cycle. 3) Some local water supplies contain excessive quantities of alkali. this can manifest itself by depositing corrosive matter on the instruments.	1) Serrations, box locks and ratchets should be carefully cleaned and rinsed. A Soft bristle brush or ultra - sonic cleaning is effective in these difficult area 2) Preheat autoclave, drying time cannot be accelerated, open autoclave door slightly. Routinely inspect valves. Malfunctioning valves can precipitate corrosion. 3) It is generally accepted that cold distilled or demineralized water be used during sterilization. An alternative is to use the local water supply, while instituting a program of preventive maintenance. Carefully clean surfaces with Enzymatic Detergent, using Non - Abrasive Stain remover to remove difficult stains and water Soluble Lubricants for proper lubrication.
<u>PITTING</u> 1) Instruments are inevitably exposed to chemical compounds that initiate pitting. The most common are saline solutions and blood. 2) some detergents contain a chloride or have an acid base. If rinsing is not thorough, the residual detergent can precipitate pitting. Hydrochloric acid can be formed by the combination of chloride in the cleaner and steam, causing the instrument to pit. 3) Instruments may be pitted when the detergent used has an excessively high PH. If instruments are not rinsed thoroughly, and then autoclaved, the heat increases the effect of the solution on the instruments.	1) It is essential that instruments be rinsed with distilled or demineralized water and then cleaned routinely. 2) Evaluate detergents without a chloride base. Enzymatic Detergent is recommended. 3) Use only detergents specially developed for instrument cleaning. Enzymatic Detergent products are PH balanced.
<u>RUST DEPOSIT</u> 1) Sterilizing instruments of different metals in the same cycle will cause rusting. An electrolytic action carries the carbon particles from the exposed metal and deposits them on the stainless steel instruments. The rapid oxidation of molecules results in a surface film of rust. 2) The rust film on the surface of stainless steel instruments can be caused by chemicals in the detergent. Excess amounts of Iron or other minerals from the local water supply may cause the rust deposits.	1) The ideal technique would be to sterilize the two types of instruments separately. It is recommended that chrome plated instruments that indicate signs of peeling or flaking be replaced with stainless steel instruments 2) It is recommended that instruments be rinsed with distilled or demineralized water. Surface rust can be removed by light buffing or an application of Non - Abrasive Stain remover.
<u>LIGHT AND DARK COLORED SPOTS</u> 1) Spotting caused by slow evaporation of water drops identified with the mineral content of the water.	1) Eliminate water droplets by adhering to autoclave manufacturer's operating instructions. Autoclave door should not be opened until steam has been completely vented.



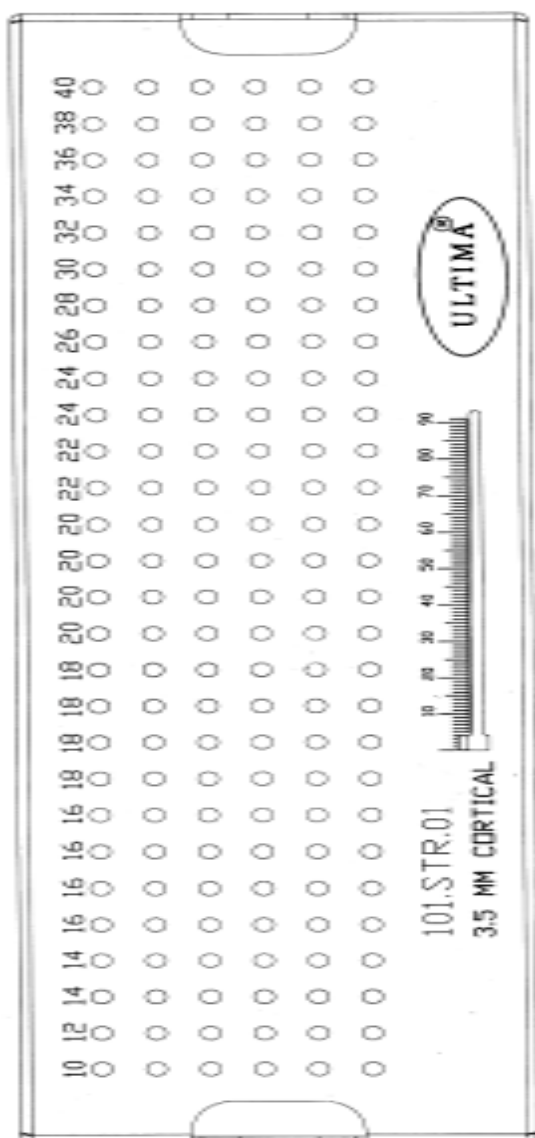
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Sterilization containers (with top trays)				
Premium	XL	Economy - AL	Economy - SS	containers
TP11.A101B.01	TX11.A101B.01	TE11.A101B.01	TE11.S101B.01	3.5mm screws with 1top tray (101 big)
TP12.A101B.02	TX12.A101B.02	TE12.A101B.02	TE12.S101B.02	4.5mm screws with 1top tray (101 big)
containers size (360 x 145 x 150)				
TP0G.A102B.01	TX0G.A102B.01	TE0G.A102B.01	TE0G.S102B.01	MF with 3top trays (102 big)
containers size (360 x 145 x 150)				
TP11.A102B.02	TX11.A102B.02	TE11.A102B.02	TE11.S102B.02	SF with 2top trays (102 big)
TP0G.A102B.03	TX0G.A102B.03	TE0G.A102B.03	TE0G.S102B.03	LCP - SF with 2top trays (102 big)
TP19.A102B.03	TX19.A102B.03	TE19.A102B.03	TE19.S102B.03	CC - SF with 2top trays (102 big)
containers size (460 x 155 x 165)				
TP12.A103B.01	TX12.A103B.01	TE12.A103B.01	TE12.S103B.01	LF with 2top trays (103 big)
TP0G.A103B.02	TX0G.A103B.02	TE0G.A103B.02	TE0G.S103B.02	LCP - LF with 2top trays (103 big)
TP20.A103B.03	TX20.A103B.03	TE20.A103B.03	TE20.S103B.03	CC - LF with 2top trays (103 big)
containers size (490 x 178 x 165)				
TPTE.A105B.01	TXTE.A105B.01	TETE.A105B.01	TETE.S105B.01	Tibia/Femur IL Set with 2top trays (105 big)
TPPR.A105B.02	TXPR.A105B.02	TEPR.A105B.02	TEPR.S105B.02	PFN/Recon/Supra IL Set with 2top trays (105 big)
TPHM.A105B.03	TXHM.A105B.03	TEHM.A105B.03	TEHM.S105B.03	Humurus IL Set with 2top trays (105 big)
Sterilization containers (without top trays)				
Premium	XL	Economy - AL	Economy - SS	containers size (330 x 110 x 65)
EP11.A101B.01	EX11.A101B.01	EE11.A101B.01	EE11.S101B.01	3.5mm screws without top tray (101 small)
EP12.A101B.02	EX12.A101B.02	EE12.A101B.02	EE12.S101B.02	4.5mm screws without top tray (101 small)
EP0G.A102B.01	EX0G.A102B.01	EE0G.A102B.01	EE0G.S102B.01	MF with 1top trays (102 small)
EP11.A102B.02	EX11.A102B.02	EE11.A102B.02	EE11.S102B.02	SF without top trays (102 small)
EP0G.A102B.03	EX0G.A102B.03	EE0G.A102B.03	EE0G.S102B.03	LCP - SF without top trays (102 small)
EP19.A102B.03	EX19.A102B.03	EE19.A102B.03	EE19.S102B.03	CC - SF without top trays (102 small)
EP12.A103B.01	EX12.A103B.01	EE12.A103B.01	EE12.S103B.01	LF without top trays (103 small)
EP0G.A103B.02	EX0G.A103B.02	EE0G.A103B.02	EE0G.S103B.02	LCP - LF without top trays (103 small)
EP20.A103B.03	EX20.A103B.03	EE20.A103B.03	EE20.S103B.03	CC - LF without top trays (103 small)
EPTE.A105B.01	EXTE.A105B.01	EETE.A105B.01	EETE.S105B.01	Tibia/Femur IL Set without top trays (105 small)
EPPR.A105B.02	EXPR.A105B.02	EEPR.A105B.02	EEPR.S105B.02	PFN/Recon/Supra IL Set without top trays (105 small)
EPHM.A105B.03	EXHM.A105B.03	EEHM.A105B.03	EEHM.S105B.03	Humurus IL Set without top trays (105 small)
Sterilization containers (mise)				
TP0G.A107B.01	TX0G.A107B.01	EE0G.A107B.01	EE0G.S107B.01	SF instruments set with screw tray (107) (370x310x160)
TP0G.A108B.02	TX0G.A108B.02	EE0G.A108B.02	EE0G.S108B.02	LF instruments set with screw tray (108) (470x310x160)
TP00.A109S.03	TX00.A109S.03	TE00.A109S.03	EE00.S109S.03	Container misc (multy purpose) (360x145x90)
TP00.A110S.04	TX00.A110S.04	TE00.A110S.04	EE00.S110S.04	Container spine (multy purpose) (535x260x160)



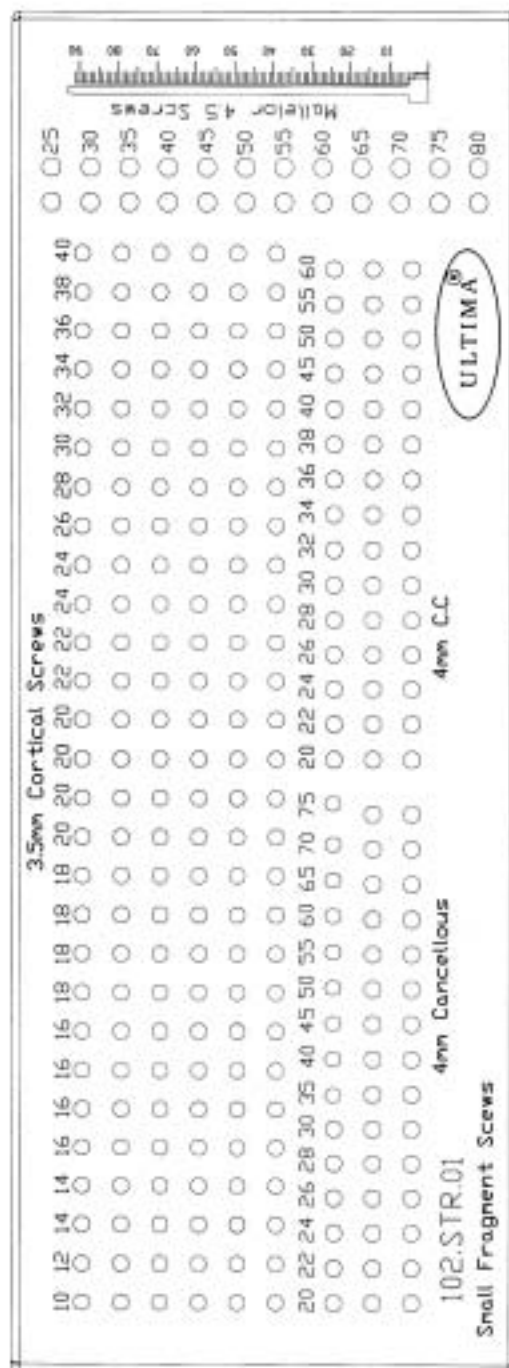
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Cat No. 11.1101.02

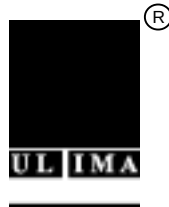


Small Fragment box with screw tray 3.5mm

Cat No. 11.1102.01

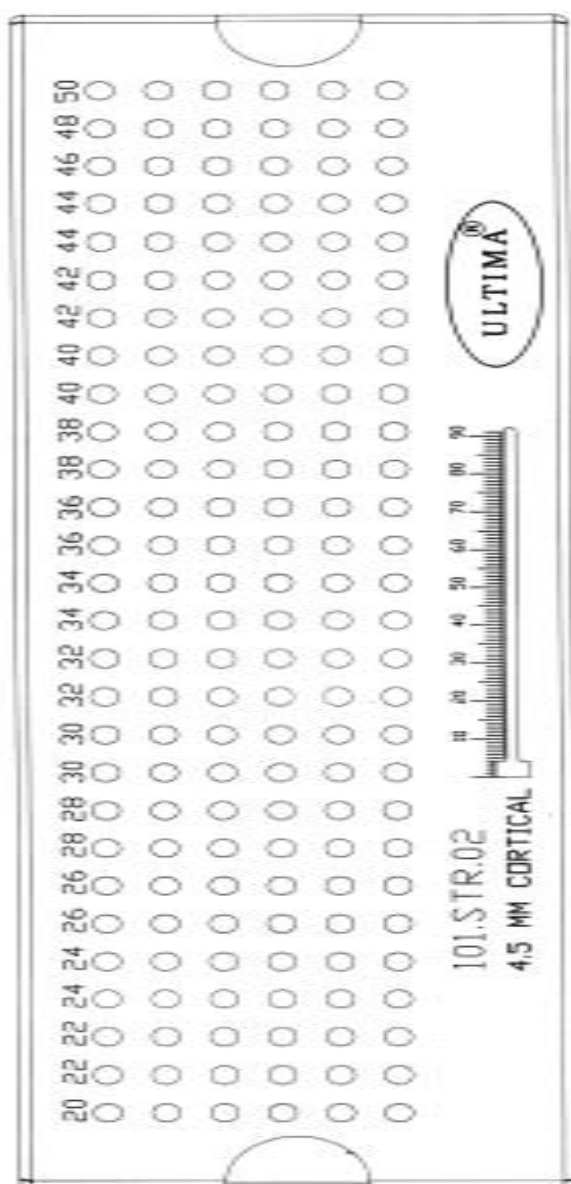


Combo Small Fragment box with screw tray



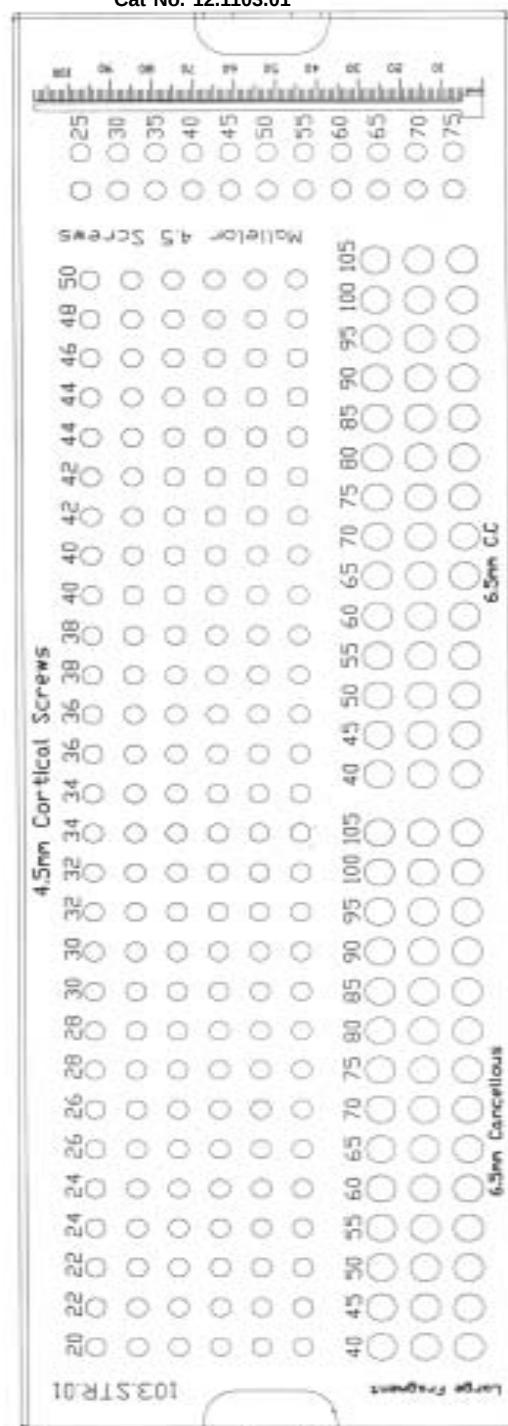
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Cat No. 12.1101.03

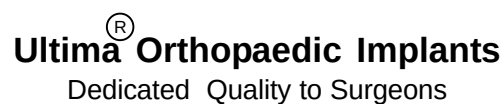


Large Fragment box with screw tray 4.5mm

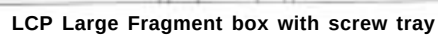
Cat No. 12.1103.01

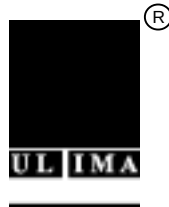


Combo Large Fragment box with screw tray



Cat No. 13.1103.02

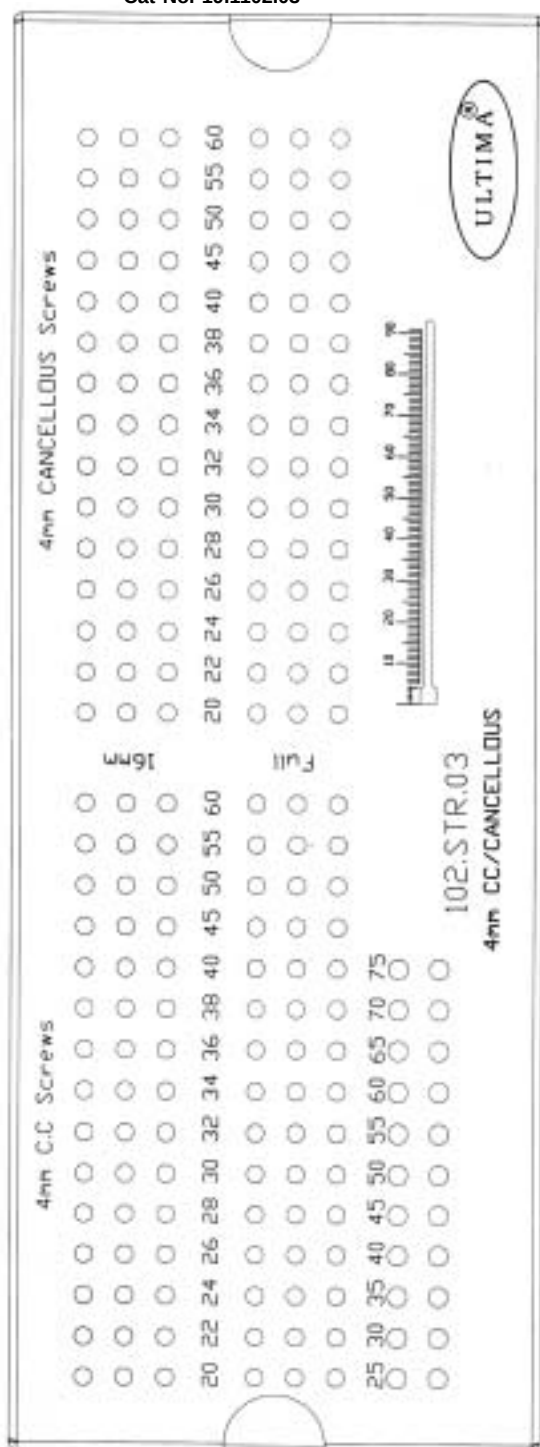




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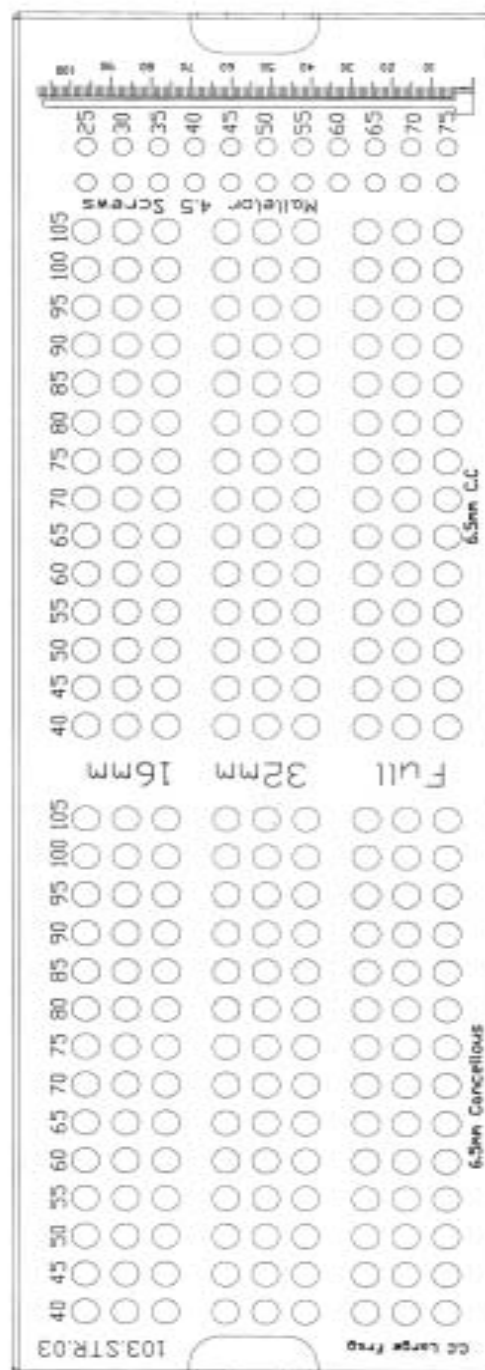
4.0MM / 6.5MM CANNULATED INSTRUMENTS

Cat No. 19.1102.03

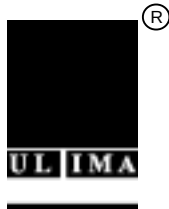


C.C Small Fragment box with screw tray 4.0mm

Cat No. 20.1103.03



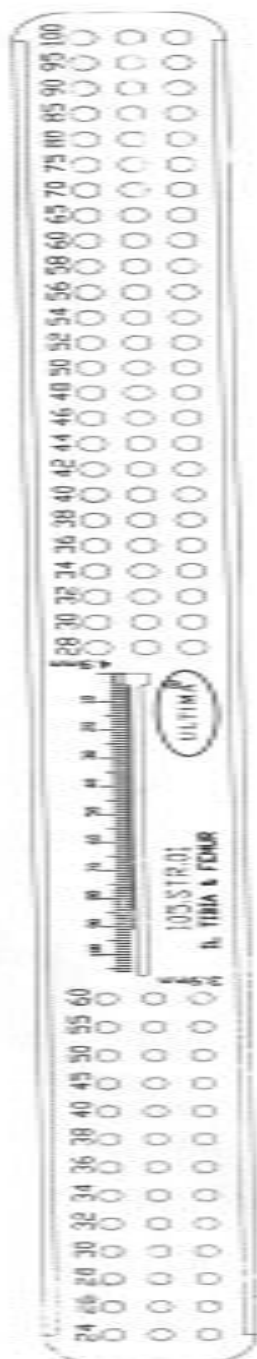
C.C Large Fragment box with screw tray



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Dedicated Quality to Surgeons

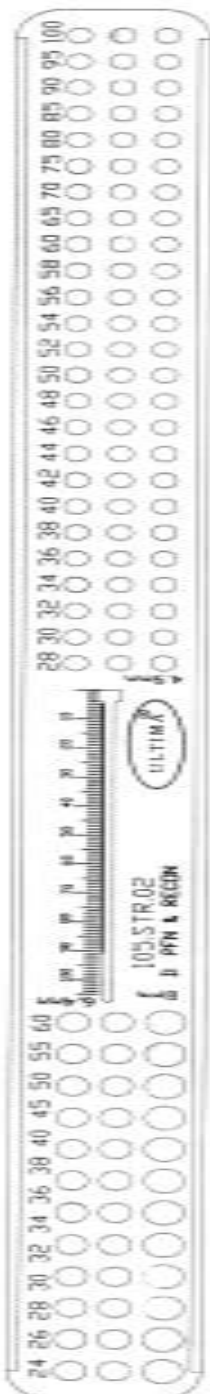
Sterilization Container

Cat No. 22.1105.01



Tibia / Femur

Cat No. 24.1105.02



Recon / PFN / DFN

Cat No. 27.1105.03



Humerus