



ORTHOPAEDIC / INSTRUMENTS

CATALOGUE ADDITION - 07



*SURGICAL INNOVATION
IS OUR PASSION*



LEO SURGICAL COMPANY
ISO : 9001:2015 | SSI | MSME | CE CERTIFIED

Leo Surgical Company was established by Sh. Kartar Chand Ji in 1969 with Aim to Provide high quality surgical instruments to his customers for better results in medical line. He worked hard on the precision of instruments. Due to his personal involvement in the production he sets new standards in the quality of surgical instruments. He started the company with a low scale production, but due to his hard work, Leo Surgical Company has touched the new heights of success and now is well reknowned brand in surgical line.

In our factory we have been served by highly skilled labourers, and great combination of skilled labourers, latest technology and foresightness of Sh. Kartar Chand Ji, we lay claim to be among the leading manufacturers of surgical instruments in the region.

In this second edition of our catalogue we hope that you will find the great variety of surgical instruments which will cover all the surgeries.

For LEO SURGICAL COMPANY

Vipan Yadav

Prop.

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ELEVATORS

Adson Periosteal Elevator

- 16cm/6¼" length
- Curved blunt



	Width
OR 3052-16	2 mm
OR 3055-16	5 mm
OR 3007-16	7 mm
OR 3054-16	4 mm

Pennybacker Periosteal Elevator

- 16cm/6¼" length
- Curved sharp



	Width
OR3064-16	4mm
OR3066-16	6mm
OR3068-16	8mm

Bone Raspatory with Tufnol Handle

- 19cm/7½" length



Straight	Width
OR7016-19	6mm
Conical Straight	
OR 7015-14	



Curved	Width
OR7023-19	3mm
OR7026-19	6mm
Conical Curved	
OR 7015-14	



Farabeuf Rugine Elevator

- 15cm/6" length

Straight	Width
OR 3001-15	12 mm
OR 3001-05	5 mm
Curved*	Width
OR 3002-15	12 mm
OR 3002-05	5 mm



*illustrated

Farabeuf Rugine Elevator with Hollow Handle

- 16cm/6¼" length

Straight	Width
OR3011-16	12mm
Curved*	Width
OR3012-16	12mm



*illustrated

Key Elevator

- 18cm/7" length

OR 874	6 mm
OR 875	12 mm
OR 876	19 mm
OR 877	25 mm



Trethowan Bone Elevator

- 22.5cm/8½" length

OR3030-22



Lanes Bone Elevator

- 26cm/10" length

OR3031-26



Fagge Bone Elevator

- 27.5cm/10¾" length

OR3032-27



Bristow Periosteal Elevator

- 23cm/9" length
- Curved sharp
- 10mm width

OR3003-10

- 15mm width

OR3003-15



Femoral Dislocation Lever

- 31cm/12½" length
- 26mm width

OR3026-31



Muller Femoral Retractor

- 35cm/13½" length
- 28mm width

OR3028-35



For retraction of the femoral neck.

MINI ELEVATORS

Mini Bone Lever

- 14cm/5½"
- 2.8mm width

OR5830-14



Hohmann Style Mini-Bone Lever

- 16cm/6¼"
- 6mm width

OR5831-16



Phalangeal Lever

- 15cm/6"
- 5mm width

OR5832-16



Buck-Gramcko Lever

- 15cm/6"
- 7.5mm width

OR5833-15



Mini-Cobra Bone Lever

- 16cm/6¼"
- 15mm width

OR5834-16



McGlamry Metatarsal Elevator

- 17cm/6½"
- Sharp

Width

OR5835-10	9mm
OR5835-12	11mm
OR5835-14	13mm
OR5835-16	15mm
OR5835-19	19mm



Hohmann Bone Elevator

- 22cm/8½" length

	width
OR 3009-08	8 mm
OR 3009-10	10 mm
OR 3009-15	15 mm



Hohmann Bone Elevator

- 24cm/9½" length

	width
OR 3018-17	17 mm
OR 3018-22	22 mm



Hohmann Bone Elevator

- 24cm/9½" length

	width
OR 3043-33	33 mm
OR 3043-35	35 mm
OR 3043-44	44 mm



- 28cm/ 11" length

	width
OR 3033-33	33 mm
OR 3033-44	44 mm



Hohmann Large Bone Elevator

- 24cm/9½" length
- 70mm width

OR 3012-70



Hohmann Bone Elevator **Blunt**

- 28cm/11" length
- 35 mm width

OR 3033-35



Hohmann Bone Elevator

- 26cm/10" length
- 24mm width

OR3024-24



ELEVATORS

Long Curved Hohmann Inferior Hip Elevator

- 40cm/16" length
- 22mm width

OR3022-40

Modified Hohmann Elevator

- 90° angled

	Width
OR7750-10	10mm
OR7750-18	18mm
OR7750-25	25mm
OR7750-43	43mm
OR7750-70	70mm

Modified Cobra Aufrang Elevator

- 33cm/13" long blade
- 30mm x 100mm

OR7742-10

Shallow Bone Elevator

- 25cm/9¾" length

OR7755-25

Concave Moor Elevator

- 33cm/13" long blade

OR7742-20

Bennet Elevator

- 25cm/10" length

OR 3080-40

Murphy Bone Skid Elevator

- 28cm/11" length
- For dislocation of the femoral head
- Double ended

OR0589-23



Infero-Posterior Acetabular Capsule Retractor

- 35cm/14" length

Right

OR7772-10

Left

OR7772-20



PCL Retractor

- 25cm/10" length
- To straddle the cruciate ligament
- 4mm wide prongs
- 21mm wide tips

OR7761-10



Wide Prong PCL Retractor

- 25cm/10" length
- To straddle the cruciate ligamen
- 5mm wide prongs
- 23mm wide tips

OR7762-10



BONE HOOKS



Bone Hook Sharp

- 24.5cm/9¾" length
- Sharp

OR9050-24



Blunt Hook

- 20cm/8" length

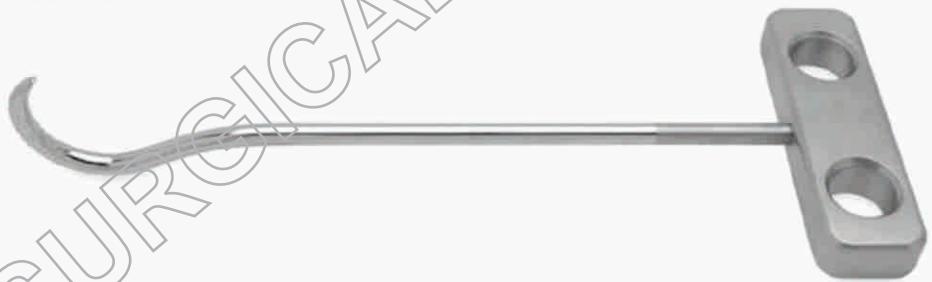
OR9051-20



Wroblenski Dislocating Hook

- 25cm/10" length
- For hooking around the neck of the Femur

OR9055-25



LEO SURGICAL COMPANY

Scaphoid Spreader - Fine Pattern

- 14cm/5½" length
- 1 x 2 prongs

6mm

OR5131-14



Scaphoid Spreader - Standard Pattern

- 14cm/5½" length

6mm

OR5134-14



Baby Inge Bone Spreader

- 18cm/7" length

7mm
Toothed



OR5134-18

7mm
Smooth



OR5134-18S

7mm
Cross Serrated



OR5134-18X



Femoral Tibial Spreader

- 24cm/9 1/2"

OR 2020-24

- 20cm/8"

OR 2020-20



BONE CUTTERS



Bohler Bone Cutters

- 15cm/6" length
- Double action

Straight

OR5160-50



Angled

OR5161-50



McIndoe Bone Cutters

- 18cm/7" length
- Double action
- Angled jaws



OR1028-18



Ruskin-Liston Bone Cutters

- 19cm/7½" length
- Double action

Straight

OR5170-19



Angled

OR5171-19



Stille-Liston Bone Cutters

- 27cm/10¾" length
- Double action

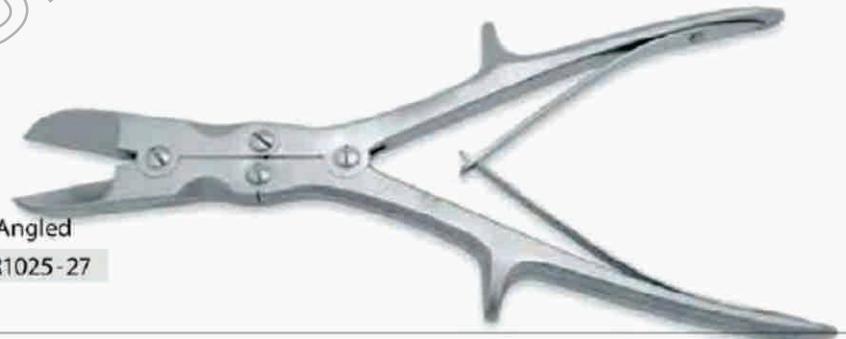
Straight

OR1024-27



Angled

OR1025-27



Liston-Key-Horsley Bone Cutters

- 27cm/10¾" length
- Double action
- Angled

OR1023-27



Kleinert-Kutz Bone Nibbler

- 14cm/4½" length
- Curved

2mm Bite

OR5118-50



Lempert Bone Nibbler

- 19cm/7½" length
- Single action

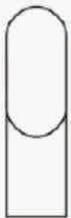
3mm Bite

OR1001-19



Luer Bone Nibbler

- 18cm/7" length
- Single action



Straight
8mm Bite

OR1004-18



Curved
8mm Bite

OR1005-18



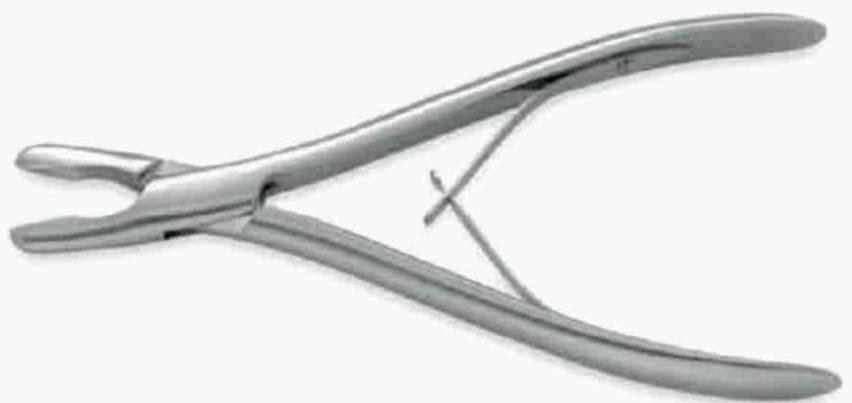
Adsons Bone Nibbler

- 20cm/8" length
- Single action



7mm Bite

OR1040-20



BONE NIBBLERS

Bohler Bone Nibbler

- Curved double action
- 15cm/6"

3mm Bite
OR5120-50



Marquardt Bone Nibbler

- 20cm/8" length
- Curved double action

3mm Bite
OR1002-20



Beyer Bone Nibbler

- Curved double action
- 18cm/7"

4mm Bite
OR1002-18



20cm/8" curved

OR1001-20

20cm/8" straight

OR1002-20

Jansen Bone Nibbler

- Curved double action
- 18cm/7"

5mm Bite
OR1003-18



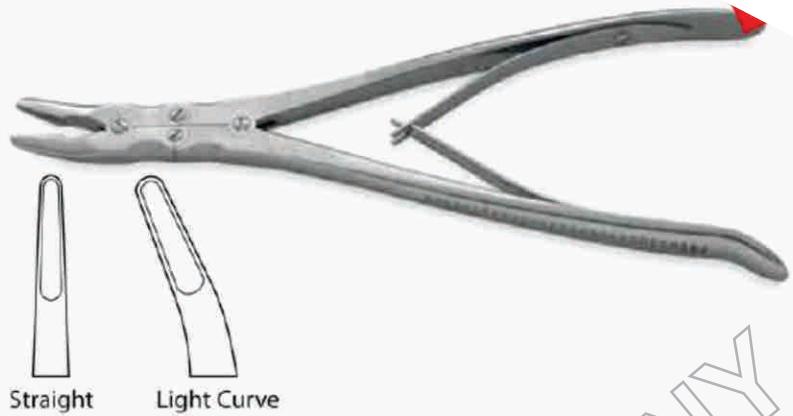
18cm/7" Straight

OR1103-18

Smith-Peterson Bone Nibbler

- 24cm/9½" length
- Double action

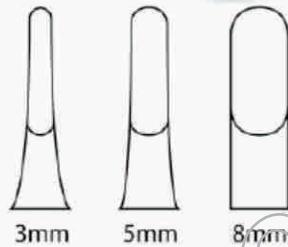
Straight	Light Curve	Bite Size
OR1010-24	OR1014-24	3mm
OR1011-24	OR1015-24	4mm
OR1012-24	OR1016-24	5mm
OR1013-24	OR1017-24	6mm



Leksell Bone Nibbler

- 24cm/9½" length
- Double action angled

Angled Jaw	Bite Size
OR1018-24	3mm
OR1019-24	5mm
OR1020-24	8mm



Stille-Luer Bone Nibbler

- 22cm/8¾" length
- Double action

Straight	Curved
10mm Bite	10mm Bite
OR1006-22	OR1007-22



Semb Bone Nibbler

- 26cm/10¼" length
- Double action

Straight	Curved
17mm Bite	17mm Bite
OR1008-26	OR1009-26



BONE HOLDING FORCEPS

Pattela Holding Forceps

- with smart lock

OR 00363



Frosch Bone Holding Forceps

- 18cm/7" length
- Toothed/serrated jaws

OR6141-18



Two Pointed Reduction Clamp

- 14cm/ 5 1/5"

HF 5042-14

- 19cm/ 7 1/5"

HF 5042-19

- 23cm/ 9"

HF 5042-23



Fergusson Bone Holding Forceps

- 20cm/8" length
- Screw joint

OR6140-20



Langenbeck Bone Holding Forceps

- 21cm/8¼" length

OR6144-21



Semb Bone Holding Forceps

- 19cm/7½" length
- Angled to side

OR6147-18



Hey Groves Bone Holding Forceps

- Screw joints
- Serrated jaws



Length

OR6145-20	20cm/8"	Small
OR6145-25	25.5cm/10"	Medium
OR6145-30	30.5cm/12"	Large

Verbrugge Bone Holding Forceps

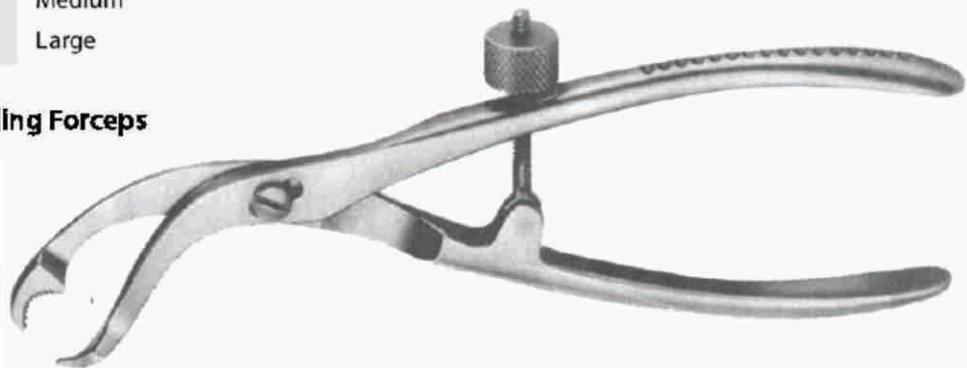


Length

OR6150-25	25cm/10"	Small
OR6150-26	26cm/10½"	Medium
OR6150-27	27cm/11"	Large

Self Centering Bone Holding Forceps

OR 6149-16	16cm 6 1/2"
OR 6149-19	19cm 7 1/2"
OR 6149-22	22cm 8 1/2"
OR 6149-24	24cm 9 1/2"
OR 6149-27	27cm 10 1/2"
OR 6149-29	29cm 11 1/2"



Pelvic Reduction Forceps

- 19cm/7½" length
- Angled, small
- Pointed ball tips
- Speed lock

OR6151-19



Pelvic Reduction Forceps

- 23cm/9" length
- Angled, large
- Pointed ball tips
- Speed lock

OR6152-23



Pelvic Reduction Forceps

- 25cm/10" length
- Straight, large
- Pointed ball tips
- Speed lock

OR6153-25



Pelvic Reduction Forceps

- 40cm/16" length
- Pointed ball tips
- Speed lock

OR6154-40



Pelvic Reduction Forceps

- 40cm/16" length
- 3 pointed ball tips
- Speed lock

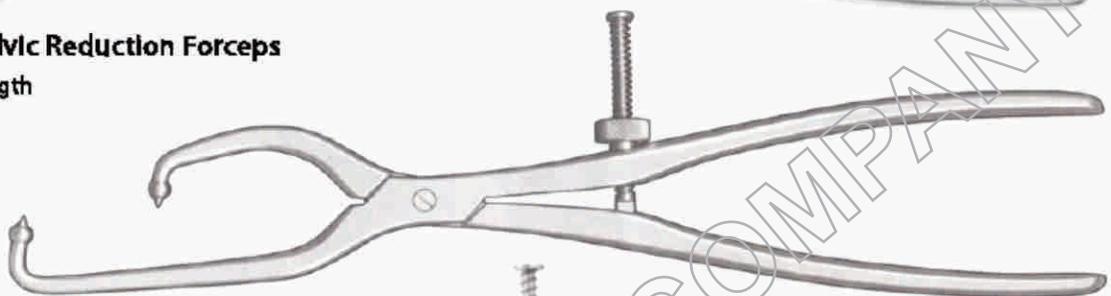
OR6155-40



Asymmetric Pelvic Reduction Forceps

- 40cm/16" length

OR 615640



Pelvic Reduction Forceps with Screws

- 34cm/13 1/2" length

OR 615740



Spanish Bone Reduction Forceps

- 17cm/6 1/2" length

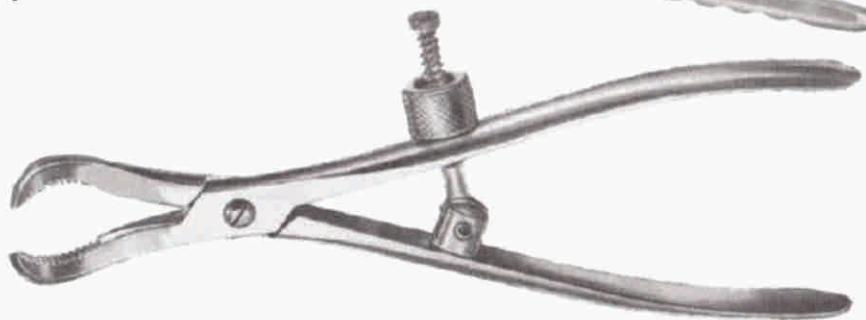
OR 5024-17

- 19cm/7 1/2" length

OR 5024-19

- 24cm/9 1/2" length

OR 5024-24



Lowman Bone Holding Forceps

- 14cm/5 1/2" length

OR 6180-14

- 18cm/7" length

OR 6180-18

- 20cm/8" length

OR 6180-20



RETRACTORS



Meyerding Retractor

• 22cm/9" length



Blade size

OR5050-22	50mm x 16mm
OR5075-22	70mm x 25mm
OR5090-22	90mm x 50mm

Langenbeck Retractor

• 21.5cm/8½" length



Blade size

RT 2522-06	22mm x 6mm	Small
RT 2545-13	45mm x 13mm	Medium
RT 2565-25	65mm x 25mm	Large
RT 2590-20	90mm x 20mm	Extra large

Customised sizes are available

Volkman Retractor

• 21.5cm/8½" length
• Semi sharp teeth



15 x 10mm
2 Prong
RT 209



15 x 15mm
3 Prong
RT 210

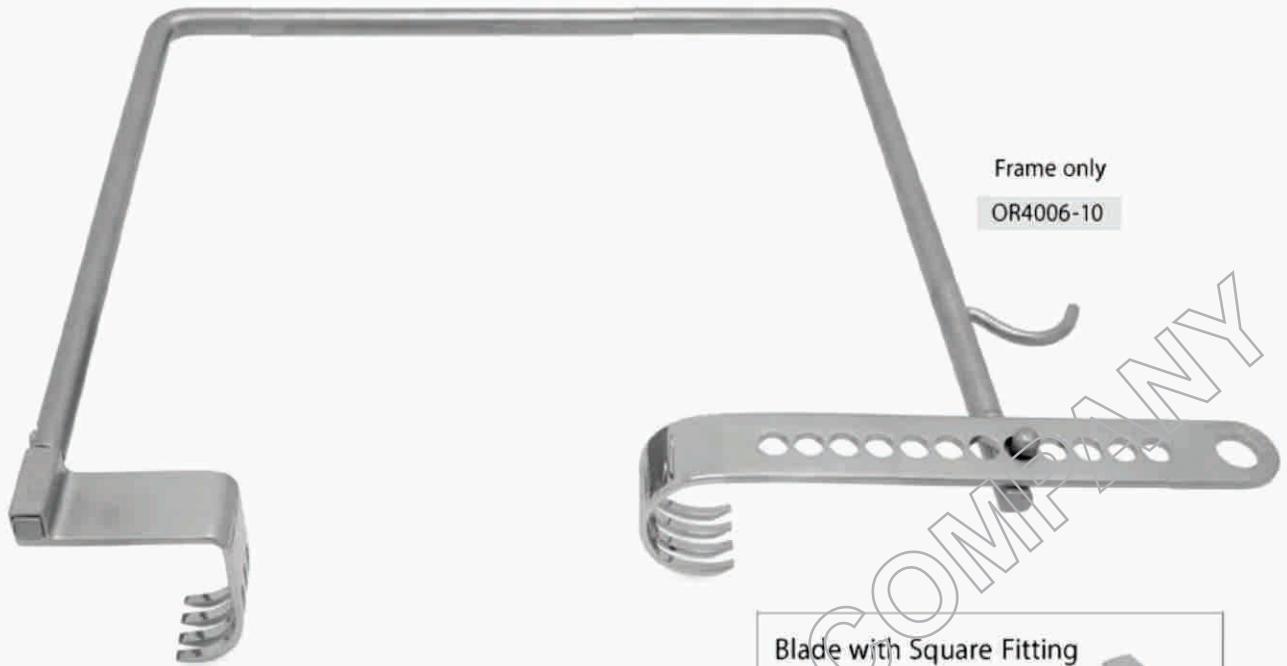


15 x 20mm
4 Prong
RT 211



15 x 30mm
6 Prong
RT 212

Charnley Initial Incision Retractor Set



Frame only
OR4006-10

OR4006-00 Complete Set - Basic

Consisting of:

- 1x Frame
- 1x Weight & chain
- 1x Square fitting blade - 50mm depth
- 1x Round fitting blade - 40mm depth

OR4006-05 Complete Set - Extended

Consisting of:

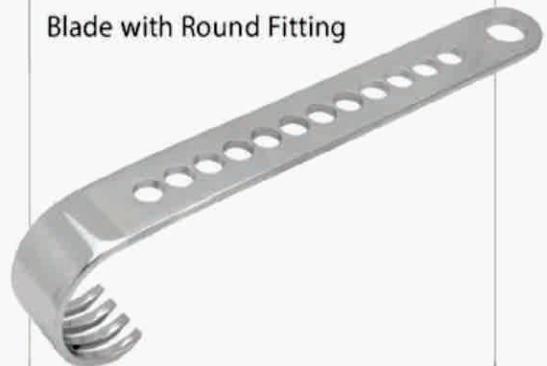
- 1x Frame
- 1x Weight & chain
- 3x Square fitting blades:
 - 50mm depth
 - 75mm depth
 - 100mm depth
- 3x Round fitting blades:
 - 40mm depth
 - 75mm depth
 - 100mm depth

Blade with Square Fitting



- OR4006-50 Standard depth 50mm
- OR4006-75 Extra depth 75mm
- OR4006-10 Extra, extra depth 100mm

Blade with Round Fitting



- OR4007-40 Standard depth 40mm
- OR4007-75 Extra depth 75mm
- OR4007-10 Extra, extra depth 100mm

RETRACTORS



Weitlaner S/R Retractor

- 14cm/5½" length
- 3x4 Blunt prongs

OR4002-14



Travers S/R Retractor

- 20cm/8" length
- 4x5 Blunt prongs

OR4004-20



Norfolk and Norwich S/R Retractor

- 20cm/8" length
- 4x5 Blunt prongs

OR4000-20



Gelpi Laminectomy Retractor

- Sharp prongs

	Length	Prong depth
OR4030-16	18.5cm/7¼"	30mm
OR4050-16	19.5cm/7¾"	50mm
OR4070-16	20cm/8"	70mm



Charnley Vertical Retractor

- 24.5cm/9½" length
- 3x4 Sharp prongs
- Blade depth 22mm

OR4007-24



Beckman-Weitlaner/ Cones Self Retaining Retractor

- 3x4 Prongs
- Jointed arms



Blunt Prongs	Length	Depth	Sharp Prongs	Length	Depth
OR4064-13	13cm/5"	15mm	SP4063-13	13cm/5"	15mm
OR4066-16	16cm/6 ½"	15mm	SP4065-16	16cm/6 ½"	15mm
OR4068-20	20cm/8"	20mm	SP4067-20	20cm/8"	20mm
OR4070-24	24cm/9 ½"	25mm	SP4069-24	24cm/9 ½"	25mm

Harvey Jackson Self Retaining Retractor

- 30.5cm/12" length
- Blade depth 45mm
- 3x3 Sharp prongs

OR4010-30



RETRACTORS

Spine Retractor with Hinged Arms and Detachable Blades

- 34cm/13 1/2" length

RT 701-61



Charnley Pin Retractor

Complete set with:

- T-handle introducer
- Pair of pins with chains

OR1100-00

OR1101-00 T-handle only



OR1102-00 Pair of pins with chain only



One pin, or sometimes two, is driven into the bone of the superior lip of the acetabulum, to stake back the capsule to give a clear view of the superior lip of the acetabulum. The nerve supply to the tensor fasciae femoris is preserved in this exposure by restricting dissection in the cleft in front of the gluteus medius, but this restricts exposure. By using pins to stake back the abductor muscles, a good exposure of the acetabulum can be obtained, and at the same time the nerve supply to tensor fasciae femoris can be preserved.

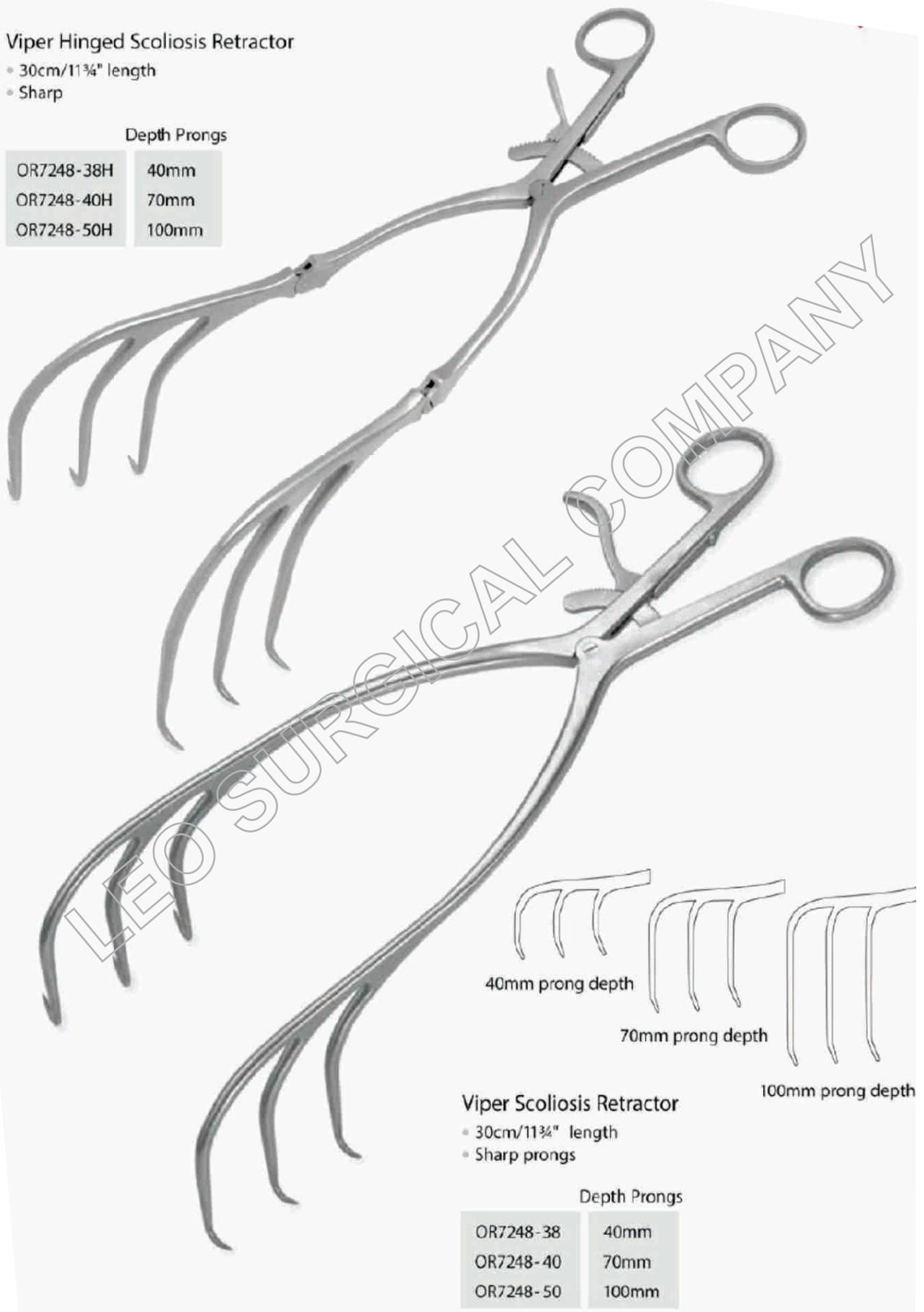
The short pins do not obstruct the surgeon's hand in access to the acetabulum. The chain is a safety device to prevent the pins being left in situ.

Viper Hinged Scoliosis Retractor

- 30cm/11¾" length
- Sharp

Depth Prongs

OR7248-38H	40mm
OR7248-40H	70mm
OR7248-50H	100mm



Viper Scoliosis Retractor

- 30cm/11¾" length
- Sharp prongs

Depth Prongs

OR7248-38	40mm
OR7248-40	70mm
OR7248-50	100mm

MALLETS

Toffee Mallet

- 19cm/7½" length
- Head size 22mm Ø
- Weight 165g/6oz

OR5808-21



Ultra Fine Mallet

- 17cm/6¾" length
- Head size 20mm Ø
- Weight 145g/5oz

OR5801-17



Heath Mallet

- 19cm/7" length
- Stainless steel head
- Head size 40mm Ø
- Weight 1020g/36oz

OR5809-19



JJ Mallet

- 23cm/9" length
- Fibre handle
- Head size 40 mm
- Weight 750g

OR 4750-24

- Fibre handle
- Head size 38 mm
- Weight 650g

OR 3800-26

- Fibre handle
- Head size 30 mm
- Weight 200g

OR 3010-20



London Splint Mallet

- 18cm/7" length
- Head size 30mm Ø
- Weight 450g/16.2oz

OR5802-18



Ombredanne Mallet

- 24cm/9½" length
- Head size 40mm Ø
- Weight 550g/20oz

OR5806-24



Mallet with Silicon Handle

- 24cm/9" length
- Head size 38 x 32 mm
- Weight 400g

OR 3832-24



Slotted Mallet

- 24cm/9" length
- Head size 40 mm
- Weight 650g

OR 4000-65



OSTEOTOMES

Mini-Lambotte Osteotome



12.5cm/5" length	Width	17.78cm/7" length	Width
OR 5205-02	2mm	OR 5207-02	2mm
OR 5205-03	3mm	OR 5207-03	3mm
OR 5205-04	4mm	OR 5207-04	4mm
OR 5205-06	6mm	OR 5207-06	6mm
OR 5205-08	8mm	OR 5207-08	8mm

Lambotte Osteotome

25cm/9¾" length



Straight	Width	Curved	Width
OR7970-04	4mm	OR7971-04	4mm
OR7970-06	6mm	OR7971-06	6mm
OR7970-08	8mm	OR7971-08	8mm
OR7970-10	10mm	OR7971-10	10mm
OR7970-13	13mm	OR7971-13	13mm
OR7970-16	16mm	OR7971-16	16mm
OR7970-18	18mm	OR7971-18	18mm
OR7970-20	20mm	OR7971-20	20mm
OR7970-25	25mm	OR7971-25	25mm
OR7970-30	30mm	OR7971-30	30mm

Ultra Fine Osteotome

16cm/6¼" length



	Width
OR5230-02	2mm
OR5230-04	4mm
OR5230-06	6mm
OR5230-08	8mm
OR5230-10	10mm
OR5230-12	12mm



Set of 6 sizes: 2mm to 12mm complete with mallet in sterilising case

OR5230-48

Mini- Stille Osteotome

• 16cm/6¼" length

Straight	Width
OR7704-16	4mm
OR7706-16	6mm
OR7708-16	8mm



Stille (Swedish) Osteotome

• 20cm/8" length

Straight	Width
OR 7708-06	6mm
OR 7708-08	8mm
OR 7708-10	10mm
OR 7708-12	12mm
OR 7708-15	15mm
OR 7708-20	20mm
OR 7708-25	25mm
OR 7708-30	30mm



Curved	Width
OR 7608-06	6mm
OR 7608-08	8mm
OR 7608-10	10mm
OR 7608-12	12mm
OR 7608-15	15mm
OR 7608-20	20mm
OR 7608-25	25mm
OR 7608-30	30mm

Hibbs Osteotome with thin blade

• 20cm/8" length
• Extra thin blade

Straight	Width
OR 7808-04	4mm
OR 7808-06	6mm
OR 7808-08	8mm
OR 7808-10	10mm
OR 7808-12	12mm
OR 7808-15	15mm
OR 7808-20	20mm
OR 7808-25	25mm
OR 7808-30	30mm



Curved	Width
OR 7908-04	4mm
OR 7908-06	6mm
OR 7908-08	8mm
OR 7908-10	10mm
OR 7908-12	12mm
OR 7908-15	15mm
OR 7908-20	20mm
OR 7908-25	25mm
OR 7908-30	30mm

Smith Petersen Osteotome

• 20cm/8" length

	Width
OR7610-20	10mm
OR7615-20	15mm
OR7620-20	20mm
OR7625-20	25mm
OR7630-20	30mm



OSTEOTOMES

JJ Osteotomes

• 25cm/ 10" length



Straight	Width	Curved	Width
OR 6009-05	5 mm	OR 6109-05	5 mm
OR 6009-10	10 mm	OR 6109-10	10 mm
OR 6009-15	15 mm	OR 6109-15	15 mm
OR 6009-20	20 mm	OR 6109-20	20 mm
OR 6009-25	25 mm	OR 6109-25	25 mm

Lexer Osteotome

• 22cm/8½" length
• Fibre handle



	Width
OR7207-22	7mm
OR7210-22	10mm
OR7215-22	15mm
OR7220-22	20mm
OR7225-22	25mm

Dahmen Osteotome

• 30cm/12" length
• Fibre handle



	Width		Straight	Width		Angled	Width
	5mm		OR7105-30	5mm		OR7305-30	5mm
	10mm		OR7110-30	10mm		OR7310-30	10mm
	15mm		OR7115-30	15mm		OR7315-30	15mm
	20mm		OR7120-30	20mm		OR7320-30	20mm
	25mm		OR7125-30	25mm		OR7325-30	25mm
	30mm		OR7130-30	30mm		OR7330-30	30mm

Box Chisel

- For preparation of the proximal femur
- 23cm/9" length
- 22mm width x 4 mm

OR 17803

- 25cm/10" length
- 28mm width x 6 mm

OR 17802



Pelvic Osteotome

- 30cm/12" length
- Tufnol handle
- Angled shaft



15mm width

20mm width

OR7015-30

SP7020-30

Chisel with Interchangeable Blades

- 20cm/8" length
- Tufnol handle
- Very thin blades

OR0790-20

Complete set with 4 blades* & key



Blade Width

OR0792-05	5mm*
OR0793-08	8mm
OR0793-10	10mm*
OR0793-12	12mm
OR0794-15	15mm*
OR0795-25	25mm*

Capener Lamina Gouge

- 23cm/9" length
- Cranked shaft

Width

OR6506-23	6mm
OR6508-23	8mm
OR6511-23	11mm
OR6516-23	16mm

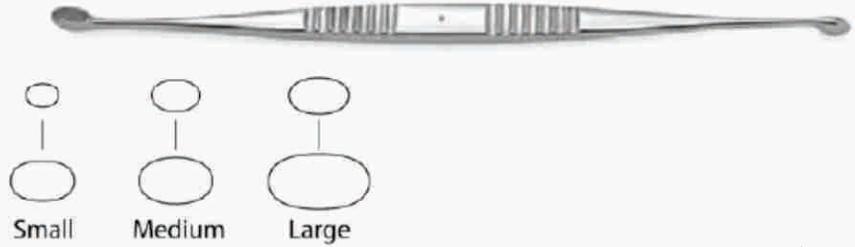


BONE CURETTES

Volkman Curette

- 22cm/8¾" length
- Double ended

	Size
OR8401-22	Small
OR8402-22	Medium
OR8403-22	Large



Muller Curette with Tufnol Handle

- 27cm/9¾" length
- Tufnol handle

*illustrated



Charnley Bone Curette

- 37cm/15" length
- T-handle

*illustrated



Charnley Ring Curette

- 37cm/15" length
- Double sided
- Serrated cutting edge
- T-handle



Cup Extraction Chisel

- 32cm/12½" length
- Curved 7mm tip
- Metal strike plate
- Tufnol handle



OR6507-32

Bayonet Gouge

- 32cm/12½" length
- Metal strike plate
- Tufnol handle
- 8mm width



OR6508-32

Swan Necked Gouge

- 28.5cm/11" length
- 25mm width



OR6525-28

Cement Gouge

- 34.5cm/13½" length



9mm width
SP6509-34

11mm width
SP6511-34

Cement Chisel Angled 15°

- 35.5cm/14 length
- 9mm tip



OR6109-35

Cement Osteotome

- 30cm/12" length
- Tufnol handle with strike plate

	Width
OR6105-30	5mm
OR6107-30	7mm
OR6110-30	10mm



Cement Splitting Osteotome

- 30cm/12" length
- Tufnol handle with strike plate
- Guarded blade

	Width
OR6205-30	5mm
OR6210-30	10mm



Straight Cement Gouge

- 30cm/12" length
- Tufnol handle with strike plate

	Width
OR6305-30	5mm
OR6307-30	7mm
OR6310-30	10mm



Bayonet Cement Rasp

- 52cm/20½" length
- Tufnol handle

*illustrated



OR6100-52



V-shape

OR6101-52



Strong round shape*

OR6102-52



Flat round curve

Bayonet Cement Chisel

- 40cm/15¾" length
- Tufnol handle with strike plate



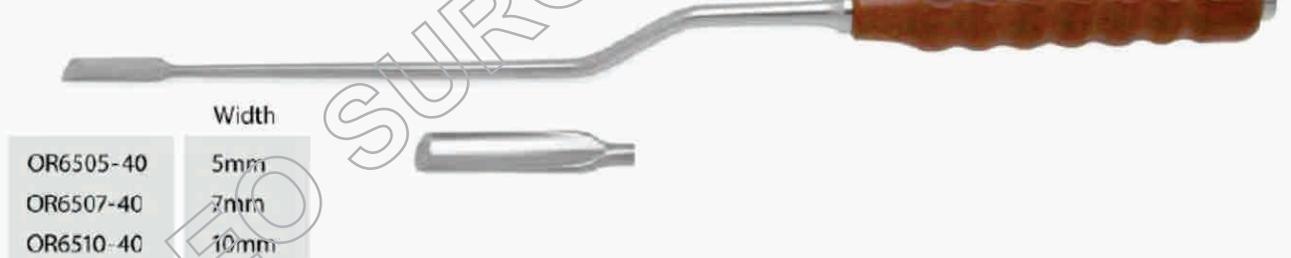
Bayonet Cement Splitting Osteotome

- 40cm/15¾" length
- Tufnol handle with strike plate
- Guarded blade



Bayonet Cement Gouge

- 40cm/15¾" length
- Tufnol handle with strike plate



Bayonet Cement Gouge

- 40cm/15¾" length
- Tufnol handle with strike plate



Malleable Cement Probe

- 38cm/15" length
- For probing the Femur



OR6900-38

Cement Plug Extractor

- 48cm/19" length
- T-handle
- For extraction of cement plug



Thread Dia.

OR6807-48	7mm
OR6809-48	9mm
OR6811-48	11mm

Used with a slotted mallet

Retrograde Cement Chisel

- 50cm/19¾" length
- Tufnol T-handle
- Striking plate



Width

OR6805-50	5mm
OR6807-50	7mm
OR6810-50	10mm

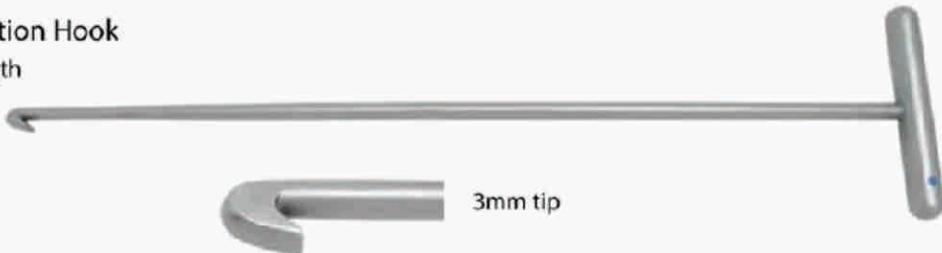
Slotted Mallet

OR6850-00



Cement Extraction Hook

- 34.5cm/14" length



OR6905-34

3mm tip

Cement Twist Drill Long

- 40cm/15 3/4" length



Diameter

OR1400-06	6mm
OR1400-08	8mm
OR1400-10	10mm

Fine Cement Duckbill Grasping Forceps

- 35cm/14" shaft length
- Fine jaws



OR6901-35

Heavy Cement Grasping Forceps

- 26cm/10" shaft length
- Serrated jaws 6mm width



OR6902-26

Femoral Head Extractor

- 23cm/9" length
- Tufnol handle

SP6916-23



Moore Femoral Head Extractor

- 20.5cm/8" length
- Metal handle

SP6914-20



Joint Capsule Clamp

- 21cm/8¼" length
- 25mm jaw length

SP6995-21



Joint Capsule Scissors

- 25cm/9¾" length
- Angled blades

SP6910-25



Femoral Head Impactor

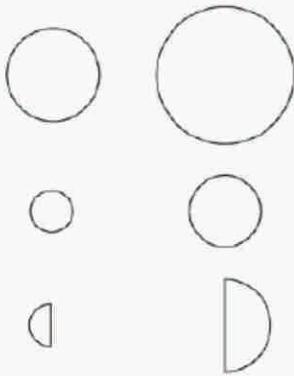
- 20cm/8" length
- Nylon head

SP6918-20



McGoey Bone Punch

- Double ended



* illustrated

No 1. 13mm x 19mm Ø **OR6913-19** Large size

No 2. 6mm x 10mm Ø **OR6906-10** *Small size

No 3. 6mm x 13mm Ø **OR6906-13**
With flats



Hardinge Cement Restrictor

- 33.5cm/13¼" length
- Graduated shaft

OR6920-33



Femoral Pusher

- Square ended

OR6925-20



PLIERS & WATER CUTTERS



Multi Purpose Pliers

- 20cm/8" length
OR 00802
- 17cm/7" length
OR 00801



Dolphin Nose Pliers

- 18cm/7" length
OR 00143



Long Nose Pliers

- 15cm/6" length
OR 00142



Slim & Square Ended Wire Pliers

- 19cm/7½" length



Slim Nose

OR7645-19

Serrated jaw



Square Ended*

SP7644-19



Pliers for Damaged Screws

- 20cm/8" length
OR 00329



Muller Claus Wire Pullers

- 18cm/7" length
- Double action
- Tungsten jaws



2mm Jaws

8-818E18



4mm Jaws

8-820E18



6mm Jaws

8-821E18



Muller Claus Wire Cutters

- 16cm/6" length
- Tungsten carbide edges
- Cuts wire up to 1.6mm Ø

8-810E16



Muller Claus Wire Cutters

- Tungsten carbide edges

8-810E18

- 18cm/7" length*
- Cuts wire up to 2mm Ø

8-800E22

- 22cm/8¾" length
- Cuts wire up to 3mm Ø



End Wire Cutters

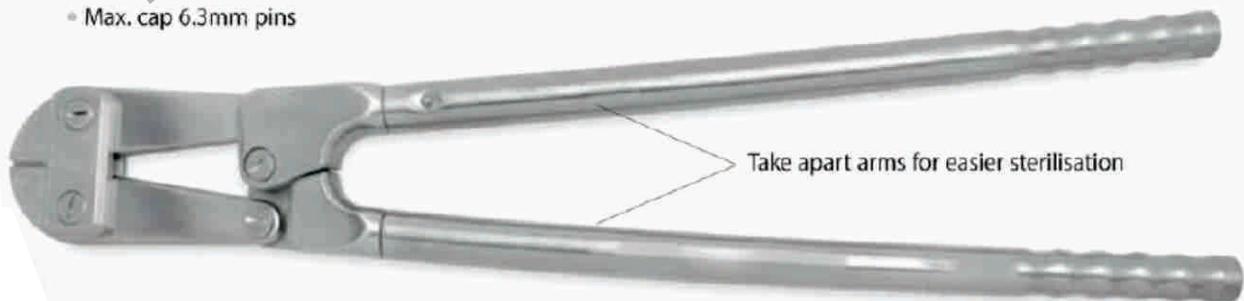
- 18cm/7" length
- Tungsten carbide edges
- Cuts wire up to 1.7mm Ø

8-816E18



Bolt Cutters with dismantable arms

- Max. cap 6.3mm pins



200-500-585

- Must be used in conjunction with a Rod Holder. Ordering Code: 200-675-200

WIRE CUTTERS

Combined Wire Cutters & Pliers

- 18cm/7" length
- Suitable for wires up to 1.6mm Ø
- Parallel closing jaws

200-512-185



Wire Cutters with T/C Jaws

- 24cm/9½" length
- Double action
- Cuts plates & wires up to 2.7mm Ø

OR7644-24



Arjuna K Wire Cutter

- 20cm/8" length
- Cutting inserts are T/C and can be replaced
- Cuts wires up to 3mm Ø

OR 00377



Needle Nosed Locking Pliers



Code	Length	
200-514-220	22cm/8¾"	Small
200-515-250	25cm/9¾"	Medium
200-516-300	30cm/11¾"	Large

• A very useful instrument for orthopaedic surgery allowing the surgeon to securely clamp on to wires and implants.



Slap Hammer attachment combined

Code	Length	Weight
210-400-350	35cm/13¾"	400g
210-700-350	35cm/13¾"	700g



22cm/8¾" Small

25cm/9¾" Medium

30cm/11¾" Large

JJ Orthopaedic Locking Pliers

• Hardened jaws



Code	Length	
OR 00339	18 cm/7"	Small
OR 00338	28 cm/11"	Large

Slap hammer attachment

Code	Length	Weight
OR 00339-00	25 cm/10"	400 g
OR 00338-00	35 cm/13"	700 g



PIN INTRODUCERS

Kirschner Wire Introducing T-Handle

- 12cm/4¾" length
- 1.5mm Ø wires

OR5015-12



Steinmann Pin Introducer T-Handle

- 14cm/5½" length
- 0.5mm - 8mm Ø pins
- With Jacobs chuck & key

OR5502-14



Steinmann Pin Introducer T-Handle

- 14cm/5½" length
- 0.7mm - 6mm Ø pins
- Universal chuck

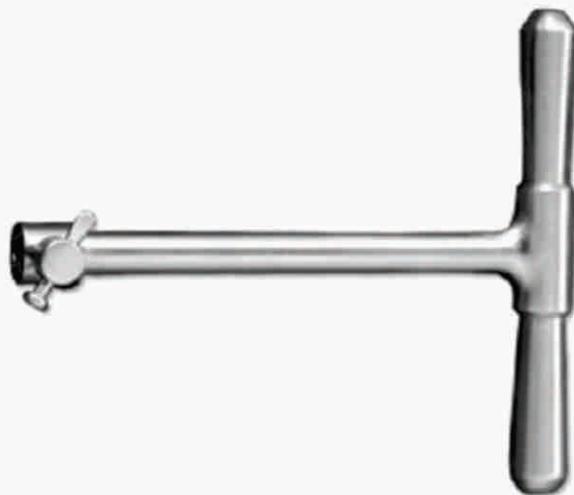
OR5507-14



Raindrop K-wire Holder

- A Chuckless K-wire holder for 0.5 to 2.5mm K-wires

OR 00410



Bone Mill

- Table mounted with crank handle

OR 6001-00

For grinding bone chips used for bone graft procedures.

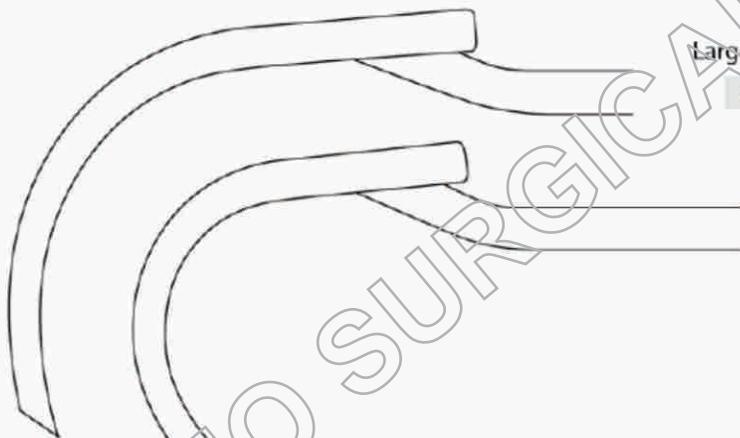


Wire Passing Guide

- 21cm/8¼" length



Used for passing wire around bones.



Large curve 70mm Ø

OR6105-21

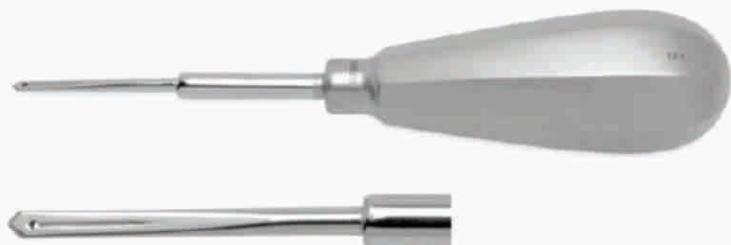
Small curve 45mm Ø

OR6104-21

Bone Awl

- Straight with eye

	Diameter	Length
OR5602-12	2.0mm	125mm
OR5602-13	2.4mm	130mm
OR5602-14	2.8mm	145mm
OR5602-15	3.2mm	160mm
OR5602-16	3.6mm	165mm
OR5602-17	4.0mm	175mm



SCREWDRIVERS

Slotted Head

- 17cm/6¾" length
- For head screws 2.7mm - 4.0mm

OR7014-17



Long Slotted Head

- 25cm/10" length
- For head screws 2.7mm - 4.0mm

OR7014-25



Phillips Head

- 25cm/10" length
- For small Phillips head screws 6mm

OR7015-25



Cross Slotted Head

- 25cm/10" length
- For cross slot screws 6mm

OR7016-25



Hexagonal Head

- 25cm/10" length
- For hexagonal head screws 2.7mm - 4.0mm



2.5mm Hex
OR7017-25

For 2.7mm to 3.5mm screws



3.5mm Hex
OR7018-25

For 4.5mm to 6.5mm screws

Screwdriver Handle

- To fit shafts with quick lock attachment

OR7020-02



Screwdriver Handle Small

- To fit shafts with quick lock attachment

OR7020-01



Shaft with Quick Lock Fitting

- Hexagonal tip



Shaft	Diameter
OR7021-00	2.5mm
OR7022-00	3.5mm

DISSECTORS



Howarth Elevator

• 21.5cm/8½" length



PS 9207-21

MacDonald Elevator/Dissector



Size

PS 7105-19 19cm/7 ½"

PS 9206-23 23cm/9"

Watson Cheyne Dissector



Length

PS 7203-18 18cm/7"

PS 9203-23 23cm/9"

PS 9203-25 25.5cm/10"

Freers Elevator/Dissector

• 18.5cm/7¼" length



PS 7602-18

Swedish Dissector

• 18cm/7" length



PS 9201-18

Stainless Steel Measuring Ruler

Code	Length
OR5005-15	15cm/6"
OR5005-30	30cm/12"



Measuring Caliper

- 25cm/10" length
- Measuring range 0-50mm

OR7334-20



Vernier Caliper

- 22.5cm/9" length
- Measuring range 15cm

OR7338-00



Depth Gauge

- Measuring depth up to 50mm

OR7350-00



Depth Gauge

- Measuring depth up to 70mm

OR7370-00



CARE & MAINTENANCE OF SURGICAL INSTRUMENTS

- Ensure Instruments are only used for the purpose for which they were designed.
- Clean and decontaminate all instruments in cold or warm water as soon as possible after use. Failure to do so may result in the instrument becoming stained and the joints stiff.
- Ensure all instruments are thoroughly dried before being stored.
- Check the hardness of the water used in the autoclave. Too hard water will leave a deposit on the instruments.
- Check that a water softener, if used, is at the recommended level. Too much may cause discoloration or pitting.



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