PRIME SURGICAL INTERNATIONAL CATALOG OF ORTHOPEDIAC SURGICAL INSTRUMENTS



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PRIME SURGICAL INTERNATIONAL ORTHOPEDIAC SURGICAL INSTRUMENTS

Quality Testing

In addition to general inspections, function tests are used to verify instrument quality.

Scissors

Cutting tests are performed on testing material. Scissors must not snag or bind when cutting appropriate layers of material. The heavier the scissors, the more layers of material they must cut. Blades must close smoothly without hesitation. Visual inspection is performed for burrs, especially on the cutting edge. Screw lock must be secure and a slight amount of hinge play should exist when opened.

Forceps

Closed jaws are checked against a light source to ensure that no substantial amount of light passes through. Jaws are clamped on plastic testing material. The impression should be clean and consistent. Teeth must mesh together closely. Jaws must be properly aligned. Ratchets must engage crisply and smoothly. While engaged at the first ratchet tooth, instruments should not open when tapped lightly against the edge of a table.

Needle Holders

Jaws must close tightly so that little or no light shines through the front 2/3 of closed jaws when tested against a light source. Must hold suture material, and pass similar tests as outlined under forceps.

Retractors

Ratchets are checked for proper holding action. Tips are verified as either sharp, blunt or semi-sharp. Ratchet mechanisms must close smoothly. Holding power is tested to make sure ratchets remain engaged during use. Ratchet teeth must align properly.

Cutting Forceps

Cutting tests are performed with the appropriate test material. Forceps must cut cleanly with the front half of the jaws. Tips must close properly from the top to the middle of the jaws.

Pin and Wire Cutters

Cutting tests are performed according to the recommended maximum capacity of each instrument.

Only after an instrument has passed our QA inspection criteria will it be released to the market.

Manufacturing

instruments are manufactured from stainless steel. Stainless steel, though not truly stainless, is a highly corrosion and rust-resistant material. The metal is extremely strong and durable and has the ability to form protective or "passivation" layers.

Stainless steel differs from carbon steel by the amount of chromium present. Unprotected carbon steel rusts readily when exposed to air and moisture. This iron oxide film (the rust) is active and accelerates corrosion by forming more iron oxide. Stainless steels contain sufficient chromium to form a passive film of chromium oxide, which prevents further surface corrosion and blocks corrosion from spreading into the metal's internal structure. Passivation only occurs if the proportion of chromium is high enough.

Most surgical instruments are made from German stainless steel type 1.4021 - equivalent to American steel type 420. This steel is highly corrosion resistant and has excellent longevity when properly maintained. Steel type 1.4021 is composed primarily of iron. Other components are:

 Carbon
 0.17-0.25%

 Silicon
 ≤ 1.0%

 Manganese
 ≤ 1.0%

 Phosphorous
 ≤ 0.045%

 Sulphur
 ≤ 0.043%

 Chromium
 12.0-14.0%

During the manufacturing process every effort is made to ensure that the instruments are corrosion resistant. However, if not properly maintained, stainless steel can rust and stain, reducing the life of the instrument or rendering it useless. For more detailed information on instrument care, see Section 100 – Instrument Care & Cleaning.

Heat Treatment

Heat treating makes the instruments hard and enables them to withstand rigorous use. Stainless steel is brought to a very high temperature and then cooled until it has reached the proper hardness. Hardness is measured in units called Rockwell Hardness (HRc). A typical hardness range for needle holders is HRc 40-48. For scissors, the range is HRc 50-58.

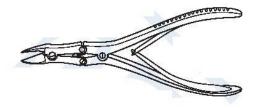
Heat treating and steel selection are just two of the more than 80 steps required to produce surgical instruments to gSource standards. We monitor and verify the accuracy of our manufacturing process through frequent audits.

BONE CUTTING FORCEPS

McIndoe bone cutting forcep

lightweight, compound action, angled law with prismatic points

PS-0R-0001 165mm long PS-0R-0002 191mm long



Liston screw joint bone cutting forcep

with fluted handle

150mm long

PS-OR-0003 straight

PS-OR-0004 angled

180mm long

PS-OR-0005 Straight

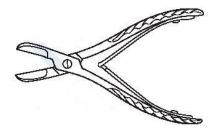
PS-OR-0006 angled

200mm long

PS-OR-0007 straight

230mm long

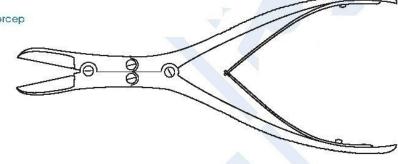
PS-OR-0008 Straight



Liston compound action bone cutting forcep

straight, for heavy duty

PS-OR-0009 305mm long PS-OR-00010 300mm long PS-OR-00011 190mm long



Liston box joint bone cutting forcep

straight

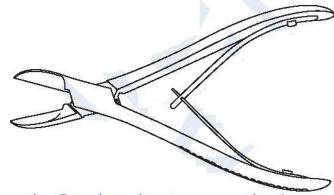
PS-0R-00012 140mm long PS-0R-00013 200mm long

PS-0R-00013 200mm long

PS-0R-00014 220mm long

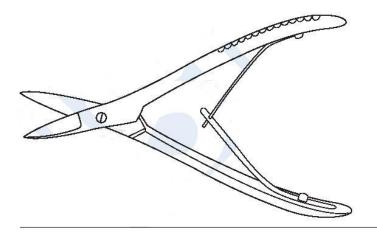
angled

PS-0R-00015 170mm long PS-0R-00016 220mm long



BONE CUTTING FORCEPS

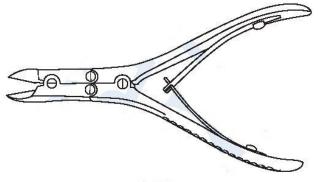
PRIME Surgical International Orthopediac Surgical Instruments



Screw joint bone cutting forcep

straight

PS-0R-00017 160mm long



Ruskin-Liston compound action bone cutting forcep

fine

straight

PS-OR-00018 140mm long PS-OR-00019 145mm long

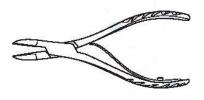
PS-OR-00020

190mm long

angled

PS-OR-00021 19

190mm long

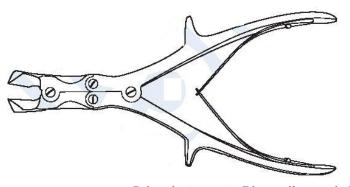


Stamms box joint bone cutter

standard.

stainless steel

140mm long



Horsley compound action bone cutter

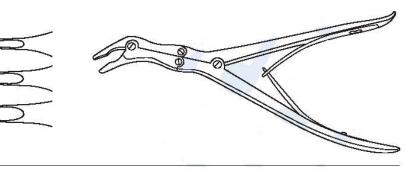
PS-OR-00023

235mm long

BONE RONGEURS

Echlin compound action bone rongeur straight, with or without horn 230mm long PS-0R-00024 width 2mm PS-0R-00025 width 3mm

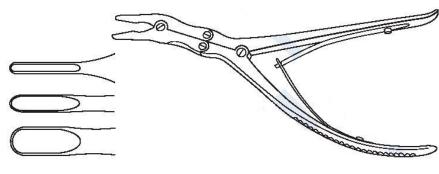
PS-OR-00026 width 4mm



Leksell compound action bone rongeur

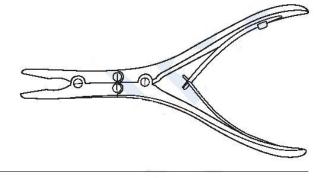
250mm long

PS-OR-00027 3mm bite PS-OR-00028 5mm bite PS-OR-00029 8mm bite



Leksell compound action bone rongeur

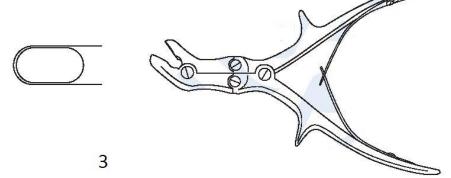
PS-OR-00030 width 3mm 240mm long

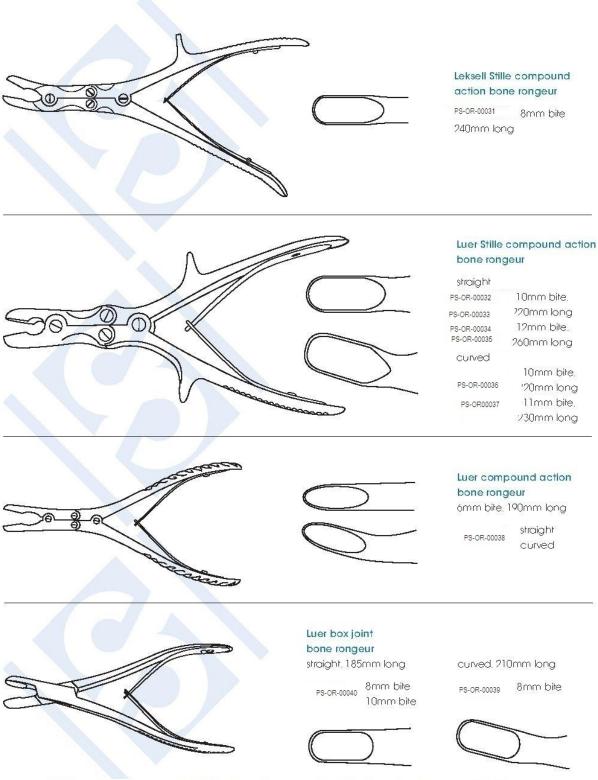


Stille compound action bone rongeur

angled to side

PS-0R-00031 11 mm bite. 240 mm long





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c

BONE RONGEURS



190mm long

straight

4mm bite PS-or-00041 6mm bite

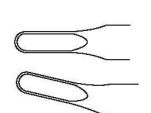
8mm bite

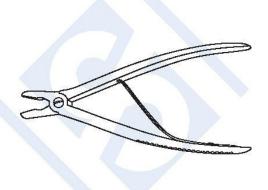
curved

PS-OR-00042

4mm bite ómm bite

8mm bite





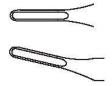
Ruskin compound action bone rongeur

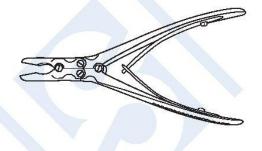
3mm bite, 150mm long

straight PS-OR-00043 purved

4mm bite, 185mm long

straight PS-OR-00044 curved



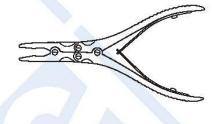


Compound action bone rongeur

lightweight pattern curved, 150mm long

4mm bite PS-OR-00045



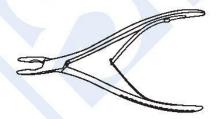


Lempert box joint bone rongeur

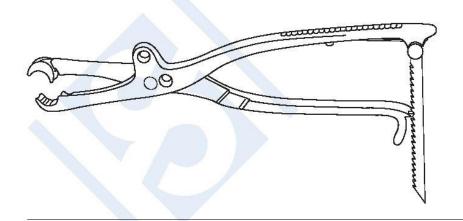
3mm bite, 155mm long

straight PS-OR-00046





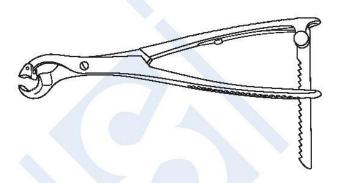
BONE HOLDING FORCEPS



Lambotte bone holding forceps

ps-OR-00047

765mm long



Lambotte bone holding forceps

ps-or-00048

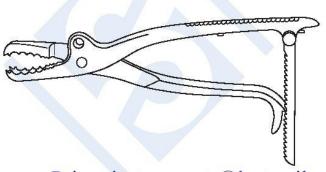
220mm long 215mm long 330mm long



Farabeuf bone holding forceps

PS-OR-00049

230mm long 250mm long



Farabeuf-Lambotte bone holding forceps

PS-OR-00050

195mm long 250mm long

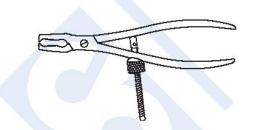
PS-OR-00051 260mm long

BONE HOLDING FORCEPS

Bone holding forceps

screw joint, with holding screw

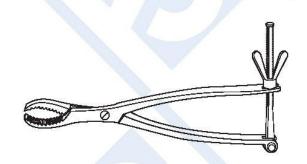
165mm long



Hey Groves bone holding forceps

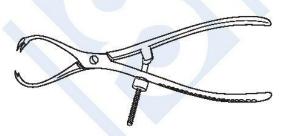
with screw locking device

200mm long 225mm long 305mm long



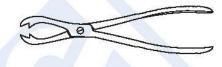
Bone holding forceps

140mm long 185mm long 215mm long 275mm long



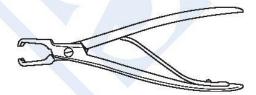
Fergusson's bone holding forceps

150mm long 200mm long 230mm long

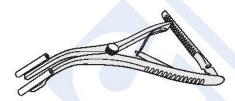


Frosch bone holding forceps

PS-OR-0001 180mm long

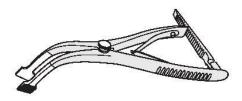


BONE HOLDING FORCEPS



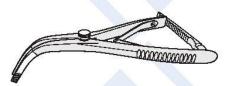
Joint calcaneal spreader

PS-OR-0001 40mm opening, 1 6mmø, 170mm long



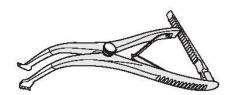
Calcaneal spreader

40mm opening, 15mm wide tip, 70mm long



Inge type lamina spreader

PS-OR-0001 40mm opening, no teeth. 5mm wide tip. I/0mm long



Inge type lamina spreader

PS-OR-0001 baby, 40mm opening, with teeth,

10mm wide tip. 160mm long

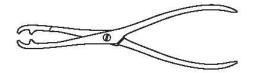
50mm opening, with teeth,

10mm wide tip. 240mm long



Harrison bone holding forceps

190mm long



St Thomas bone holding forceps

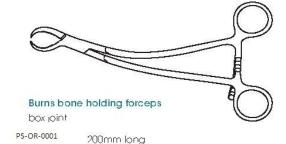
182mm long



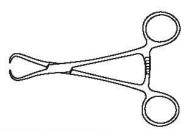
Sequestrum (Necrosis) forcep

straight, long fine jaws

PS-OR-0001 191mm long 203mm long PS-OR-0001



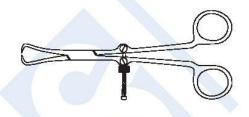
PRIME Surgical International Orthopediac Surgical Instruments Bone Holding Forceps and Clamps



Orthopaedic grasping forceps

box joint

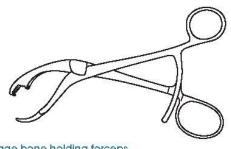
PS-OR-0001 125mm long PS-OR-0001 165mm long



Reduction forcep

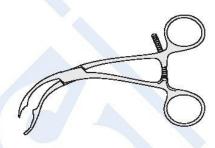
with adjustable lock

PS-OR-0001 small. 135mm long PS-OR-0001 large, 168mm long



Verbrugge bone holding forceps

PS-OR-0001 180mm long



Scarf type clamp

PS-OR-0001 150mm long

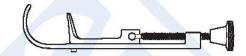
Lowman bone holding clamp

infant 125mm long child 175mm long adult 205mm long



Parker modified Lowman bone holding clamp, single

160mm long



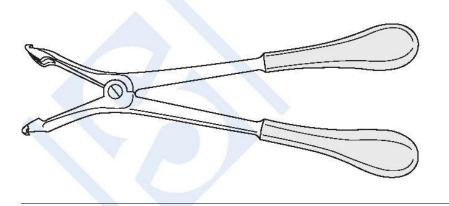
Parker retractor

for use with Lowman clamp

chain 850mm long



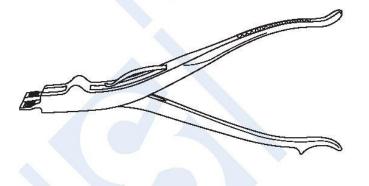
PLASTER SPREADERS AND SHEARS



Haglund plaster spreader

working part curved in right

280mm long

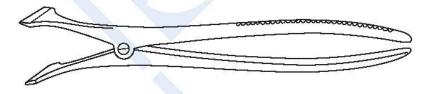


Lawton plaster spreader

working part curved in right

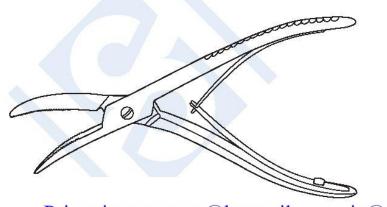
PS-OR-0001

220mm long



Henning plaster spreader

PS-OR-0001 270mm long



Wolf plaster spreader

PS-OR-0001

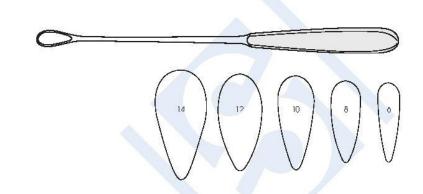
180mm long 250mm long

BONE CURETTES

Gourdet bone curette

straight, blunt 280mm long

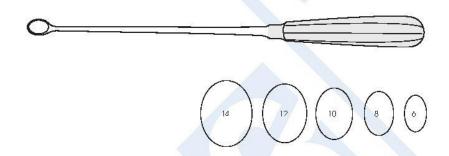
PS-OR-0001 width 6mm
PS-OR-0001 width 8mm
PS-OR-0001 width 10mm
PS-OR-0001 width 17mm
PS-OR-0001 width 14mm



Shroeder bone curette

straight, 310mm long

PS-OR-0001 width 8mm
PS-OR-0001 width 8mm
PS-OR-0001 width 10mm
PS-OR-0001 width 12mm
PS-OR-0001 width 14mm

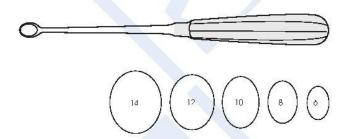


Simon bone curette

straight, 240mm long

PS-OR-0001 width 6mm
PS-OR-0001 width 8mm
PS- width 10mm

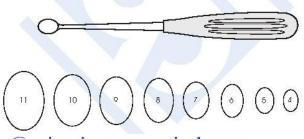
width 12mm width 14mm

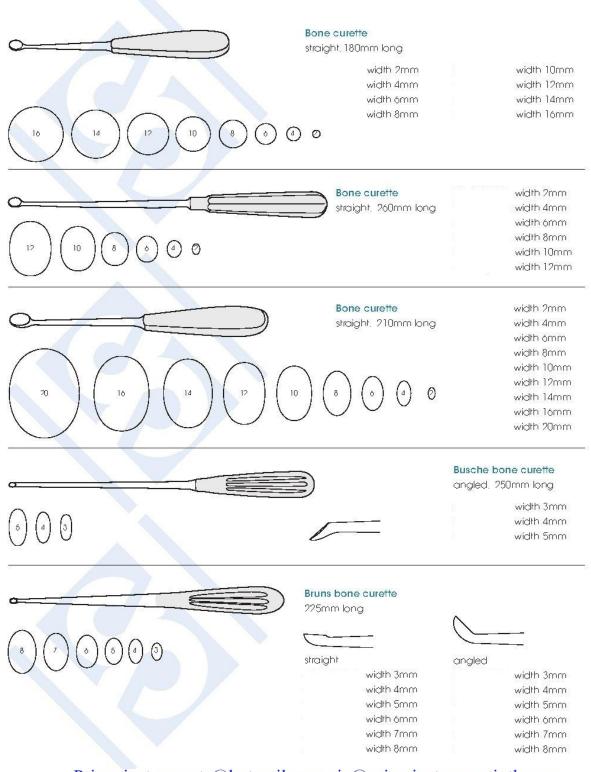


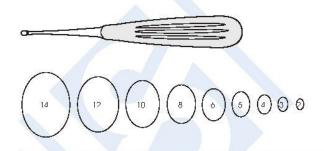
Spinal curette

oval. 205mm long

width 4mm width 5mm width 6mm width 7mm width 8mm width 9mm width 10mm width 11mm





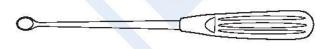


Volkmann bone curette

straight, 170mm long

width 2mm width 3mm width 4mm width 5mm width 6mm

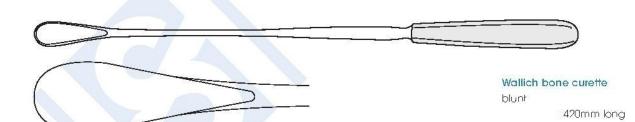
width 8mm width 10mm width 12mm width 14mm

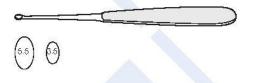


Volkmann bone curette

straight, 230mm long

bowl width 10mm bowl length 145mm

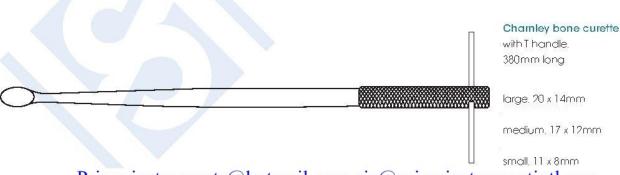


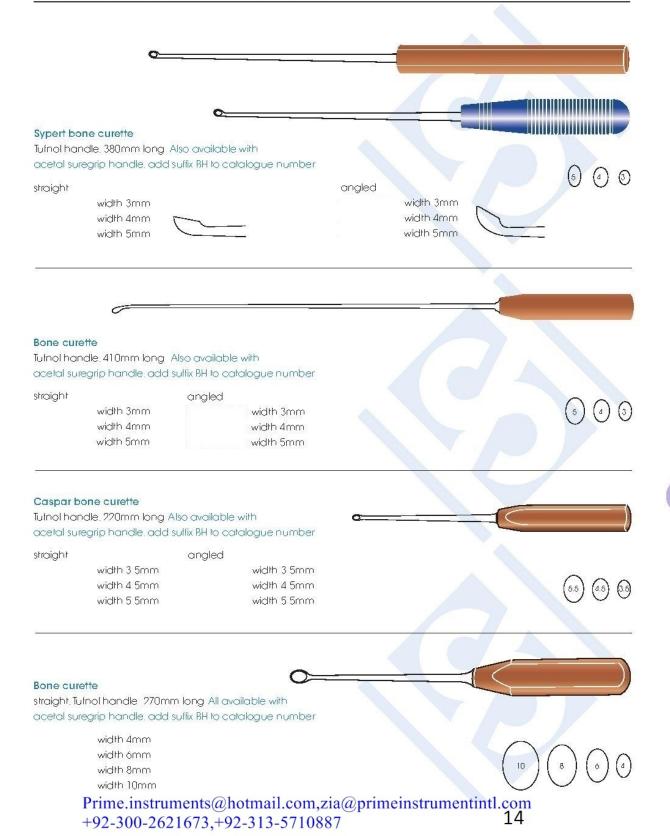


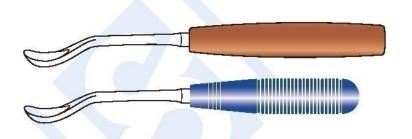
Williger bone curette

straight, 170mm long

width 3 5mm width 5 5mm







Capener spoon

Tufnol handle, 285mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

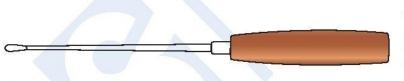
width 16mm width 20mm



Capener lamina curette

Tufnol handle, 300mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

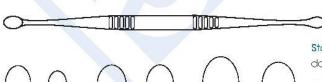
12 x 32mm



Capener lamina curette

Tufnol handle, 300mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

6 x 18mm



Stanley Boyd curette

double ended

small 50mm long medium 200mm long large 250mm long



Volkmann bone scoop

double-ended, straight, 220mm long

3mall medium large



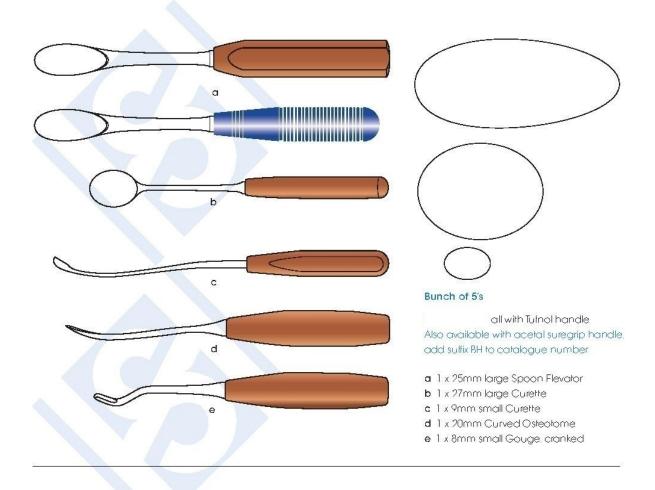
Martini bone curette SHOWN AT HAIF SI7F

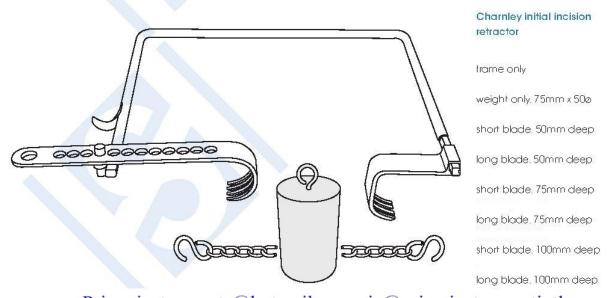
double-ended, straight 140mm long

small and medium medium and large

BONE LEVERS







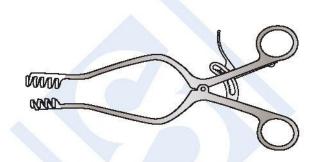
RETRACTORS

Travers retractor

self retaining, 210mm long

4 x 5 teeth.

95mm fully open

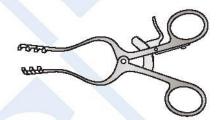


West retractor

self retaining, 140mm long

3 x 4 teeth, 60mm fully open

 3×4 teeth, 60mm fully open, with cam rack

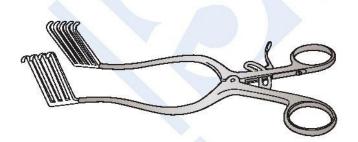


Norfolk and Norwich retractor

self retaining, with cam rack, 4 x 5 teeth, 51mm blades, 216mm long

4 x 5 teeth.

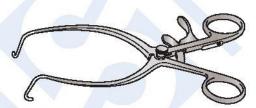
51mm blades

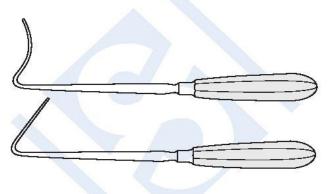


Jackson Burrows retractor

self-retaining

175mm





Jackson Burrows hand retractor

225mm long

narrow curve, 13mm blade broad, angular, 20mm blade



Ballance (Volkmann) retractor 203mm long

sharp	blunt		
1 prong	4 prong	1 prong	4 prong
2 prong	6 prong	2 prong	6 prong
3 prong		3 prong	



Jackson Burrows dissecting forcep

140mm long

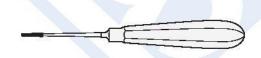
tongue and groove only tongue and groove, 1-2 teeth



Charnley-McIndoe dissecting forceps

150mm long

2-3 teeth

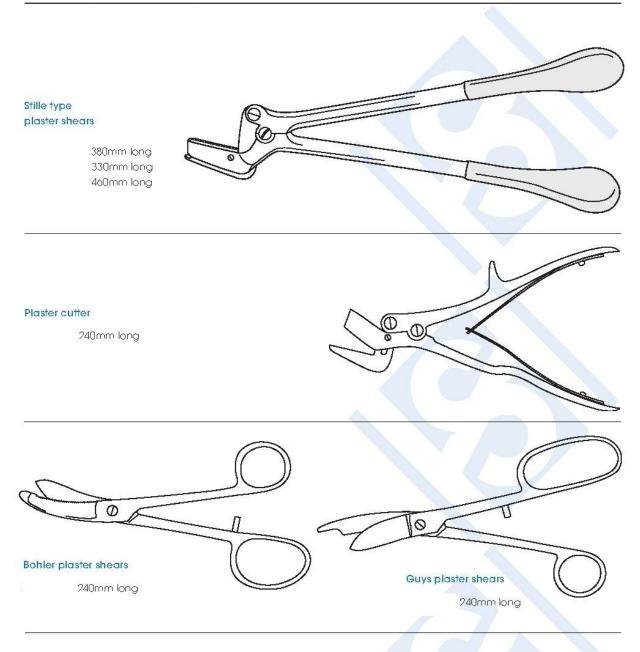


Paton bone burr

satin handle, 155mm long

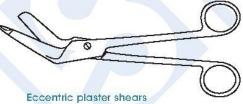
3 5mmø x 17mm 4 5mmø x 17mm 5 0mmø x 17mm

PLASTER SHEARS





150mm long



without heavy serrated blade

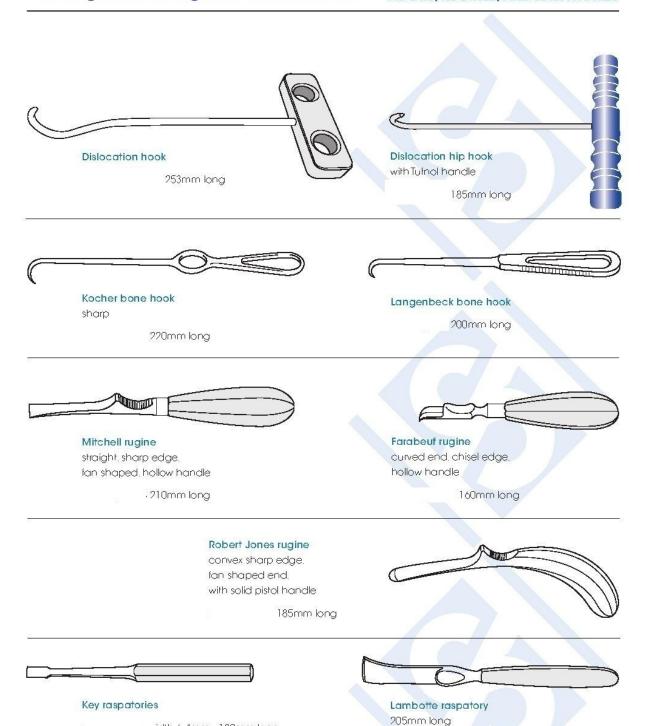
190mm long

HOOKS, RUGINES, AND RASPATORIES

width 10mm

width 15mm

width 20mm



Prime.instruments@hotmail.com,zia@primeinstrumentintl.com +92-300-2621673,+92-313-5710887 21

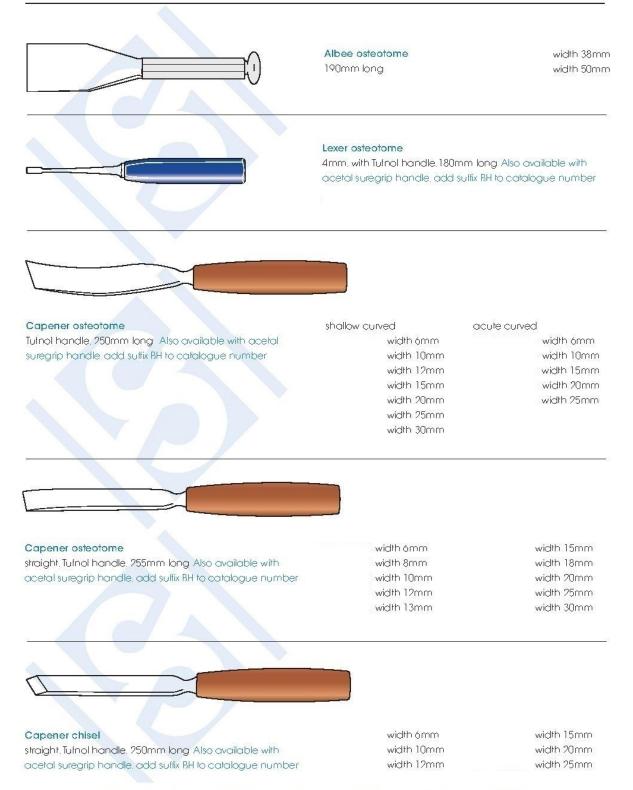
width 6 4mm 180mm long width 9 5mm 190mm long

width 12 7mm 190mm long

width 19mm 200mm long

width 25 4mm 210mm long

OSTEOTOMES, CHISELS AND GOUGES



OSTEOTOMES, CHISELS AND GOUGES

Read osteotome

serrated head 180mm long width 4mm width 5mm



Read chisel

serrated head, 180mm long

 width 2mm
 width 6mm

 width 3mm
 width 7mm

 width 4mm
 width 8mm



Read gouge

serrated head, 180mm long

width 5mm
width 9mm
width 3mm
width 3mm
width 4mm
width 4mm
width 8mm





with tungsten carbide edge
width 10mm width 15mm
width 15mm width 15mm
width 20mm width 20mm
width 25mm
width 30mm
width 30mm



Swedish pattern chisel

200mm long

width 10mm width 20mm width 15mm width 25mm width 20mm width 30mm width 25mm width 25mm width 30mm width 30mm width 30mm

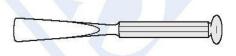
with tungsten carbide edge

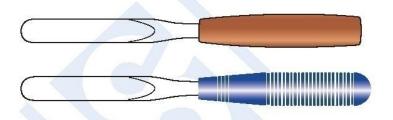


Swedish pattern gouge

200mm long

width 10mm width 15mm width 15mm width 20mm width 25mm width 25mm width 25mm width 25mm



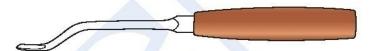


Capener lamina gouge

straight. Tutnol handle. 265mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

width	6mm
width	10mm
width	12mm

width 15mm width 20mm width 25mm



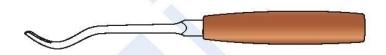
Capener lamina gouge

cranked. Tufnol handle, 250mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

OTHER LENGTHS AND SIZES AVAILABLE

with reversed edge

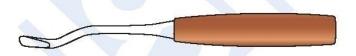
width 6mm	width 6mm
width 8mm	width 8mm
width 10mm	width 10mm
width 11 mm	width 11mm
width 16mm	width 16mm
width 17mm	width 17mm



Capener lamina gouge

swan neck, Tufnol handle, 250mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

width 8mm



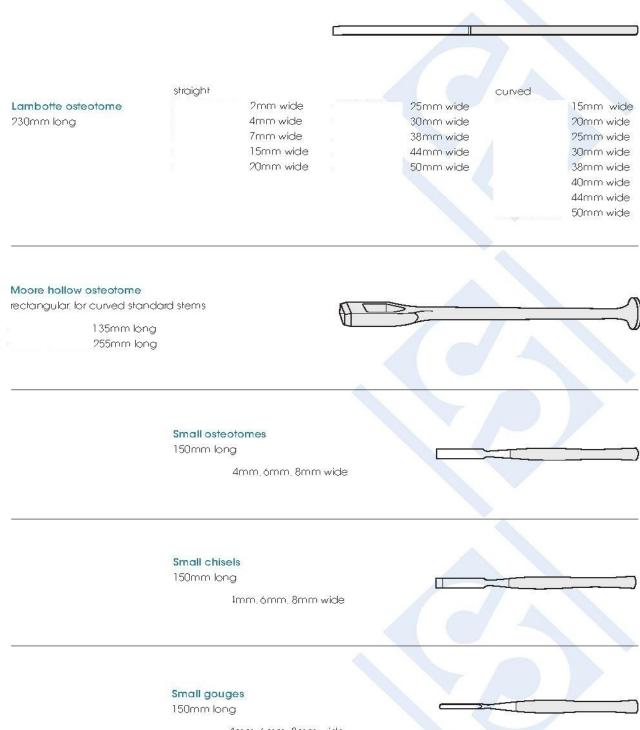
Capener lamina gouge

reverse cranked. Tufnol handle, 245mm long Also available with acetal suregrip handle, add suffix BH to catalogue number

width 6mm
width 8mm
width 10mm

width 11mm width 16mm width 17mm

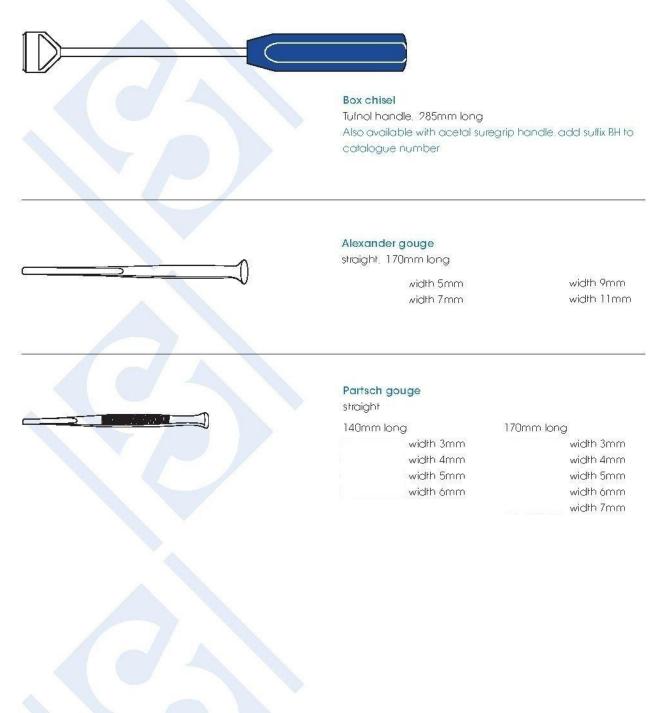
GOUGES

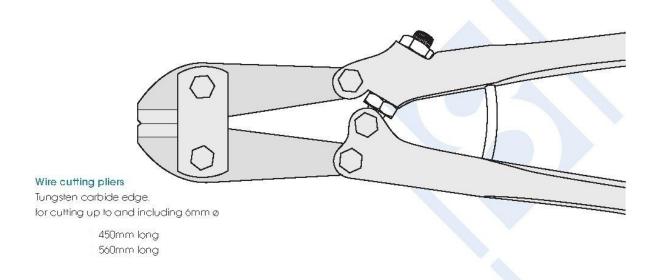


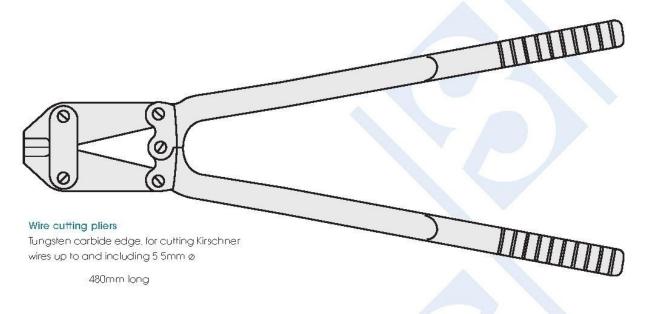
4mm, 6mm, 8mm wide

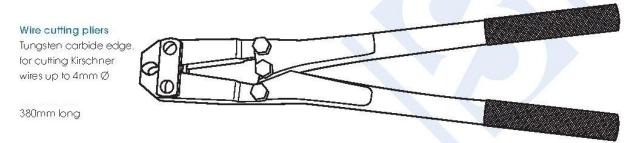
PRIME Surgical International

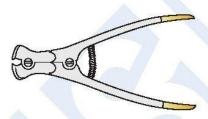
Orthopediac Surgical Instruments **OSTEOTOMES, CHISELS AND GOUGES**







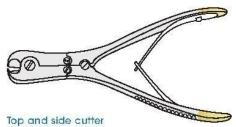




Top cutter

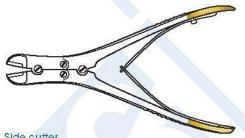
gold handles. Tungsten carbide edge. for cutting kirschner wire

> up to 25mm, 215mm long up to 15mm, 145mm long



small, gold handles, Tungsten carbide edge, for cutting Kirschner wires up to 1 5mmØ

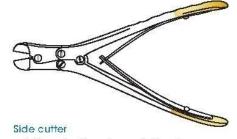
175mm long



Side cutter

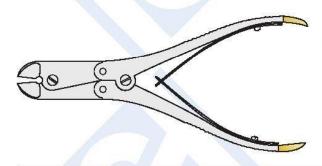
compound action, angled Tungsten carbide law. gold handles, for Kirschner wire up to 1 6mmø

180mm long



gold handles. Tungsten carbide edge. for cutting Kirschner wires up to 15mm ø.

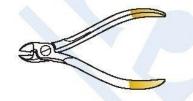
170mm long



Side cutter

gold handles. Tungsten carbide edge, jaws have rounded edges, for cutting Kirschner wires

> up to 2 5mmø. 230mm long up to 2 2mmø, 215mm long up to 1 5mm ø 160mm long



Wire cutting pliers

gold handles. Tungsten carbide edge. 120mm long

for wire up to 0.2mm ø for wire up to 0.3mm ø for wire up to 0 5mm ø

for wire up to 0.5mm ø 115mm long for wire up to 0.7mm ø

WIRE CUTTERS AND PLIERS

Orthopaedic plier/cutter

stainless steel

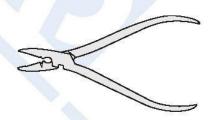
180mm long 220mm long



Bone plate bender/ wire cutter pliers

for nipping and breaking off soft wire only Not suitable for K wires

150mm long

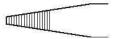


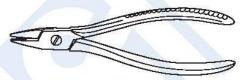
Pliers for wire 175mm long







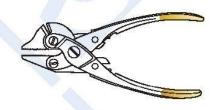


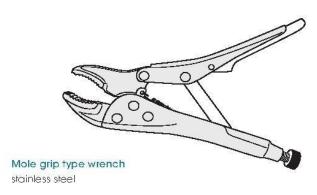


Orthopaedic plier/cutter

stainless steel. Tungsten carbide edge.

180mm long

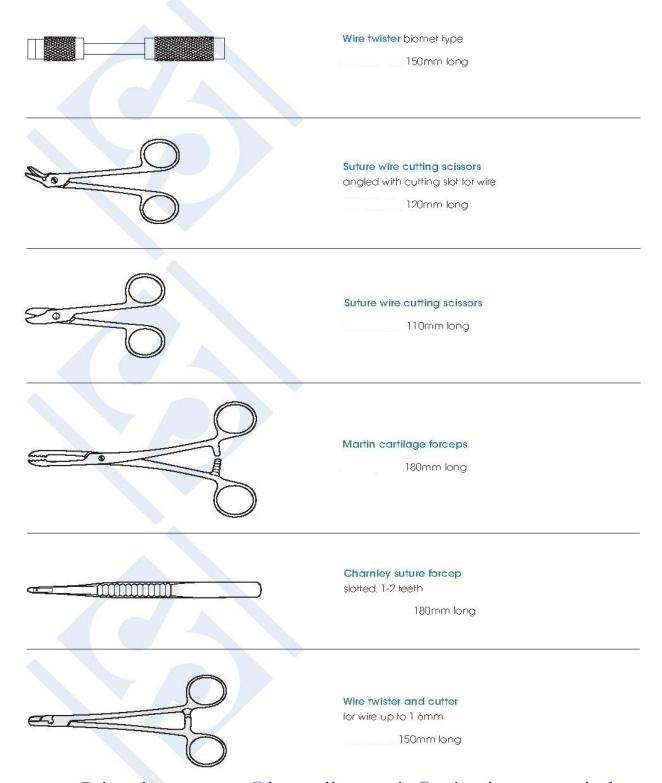




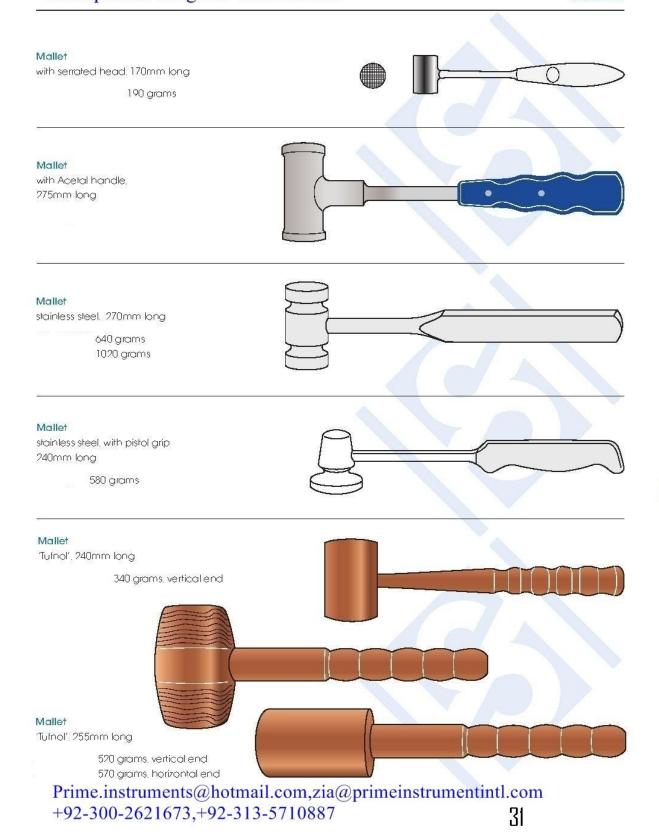
Orthopaedic pliers

190mm long

165mm

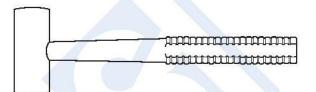


MALLETS



MALLETS

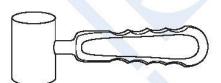
PRIME Surgical International Orthopediac Surgical Instruments



Mallet

stainless steel head, aluminium handle, with grooved grip 225mm long

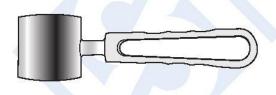
560 grams



Heath mallet

stainless steel, 135mm long

650 grams 920 grams 1150 grams 1340 grams



Royal Cornwall mallet

stainless steel, with extended handle and strong welded head, 190mm long

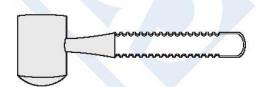
1000 grams



Orthopaedic mallet

Surgical Holdings pattern, stainless steel, 170mm long

800 grams 880 grams 1020 grams



Orthopaedic mallet

stainless steel, Surgical Holdings pattern, one flat and one domed end, 180mm long

960 grams 750 grams

MALLETS

Toffee hammer stainless steel, 190mm long

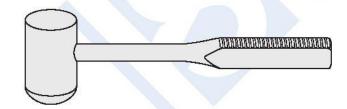
280 grams

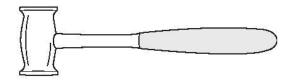


Ombredanne mallet

stainless steel, one flat and one domed end

950 grams, 240mm long 1110 grams, 270mm long







Collin mallet

stainless steel, 205mm long

270grams

Kelsey Fry mallet

with renewable acetal ends, 190mm long

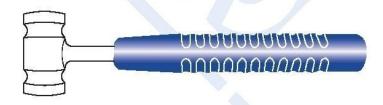
280 grams

Surgical Holdings orthopaedic mallet

Stainless steel with blue acetal handle, 270mm long

720 grams 800 grams

900 grams 970 grams



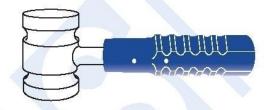
Surgical Holdings orthopaedic mallet

Stainless steel with blue acetal handle.

200mm long

660 grams 790 grams 1020 grams

1400 grams

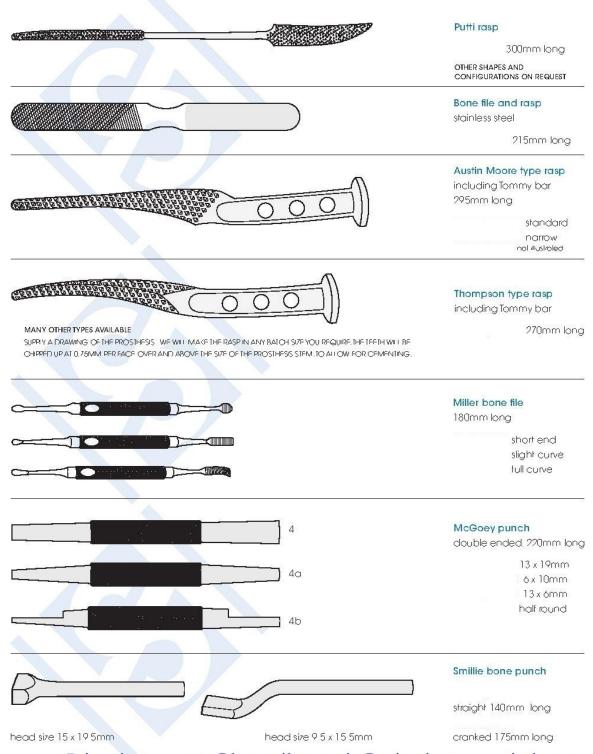


Surgical Holdings mallet

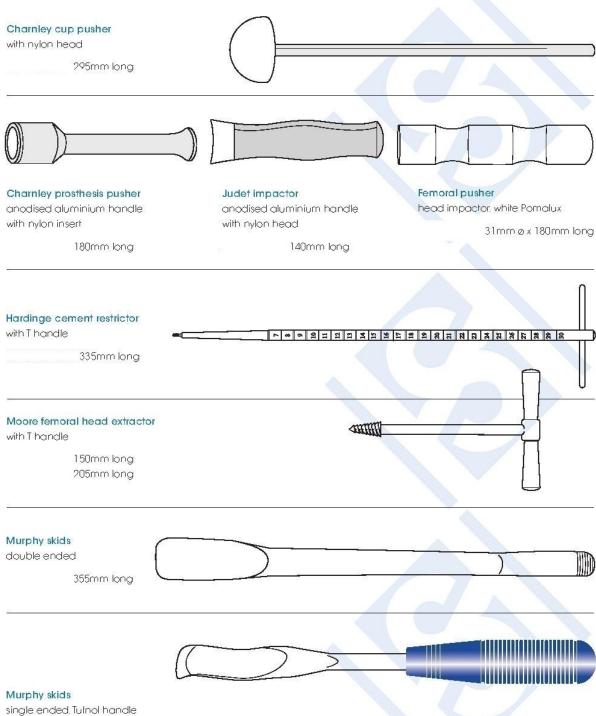
Stainless steel with blue acetal handle, domed faced head, 200mm long

650 grams



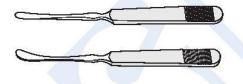


PUSHERS, IMPACTORS AND SKIDS



330mm long

Also available with acetal suregrip handle, add suffix BH to catalogue number



Adson periosteal elevator

serrated grip. 165mm long

straight

7mm wide

curved

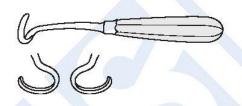
5mm wide 7mm wide



Bristow periosteal elevator

sharp edge

240mm long



Doyen periosteal elevator

satin finish handle

165mm long

right left 180mm long

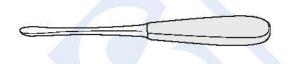
right lott



Key periosteal elevator

190mm long

10mm wide 13mm wide



Langenbeck elevator

straight

200mm long



Macdonald dissector double ended

ELEVATORS

Pennybacker elevator

curved, sharp, 6mm wide

170mm long



Periosteal elevator

straight

175mm long



Periosteal elevator

straight, 12 x 20mm, with Tufnol handle Also available with acetal suregrip handle, add suffix BH to catalogue number

195mm long



Periosteal elevator

curved, 5 x 25mm, with Tufnol handle Also available with acetal suregrip handle, add suffix BH to catalogue number

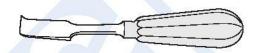
185mm long



Tudor Edwards periosteal elevator

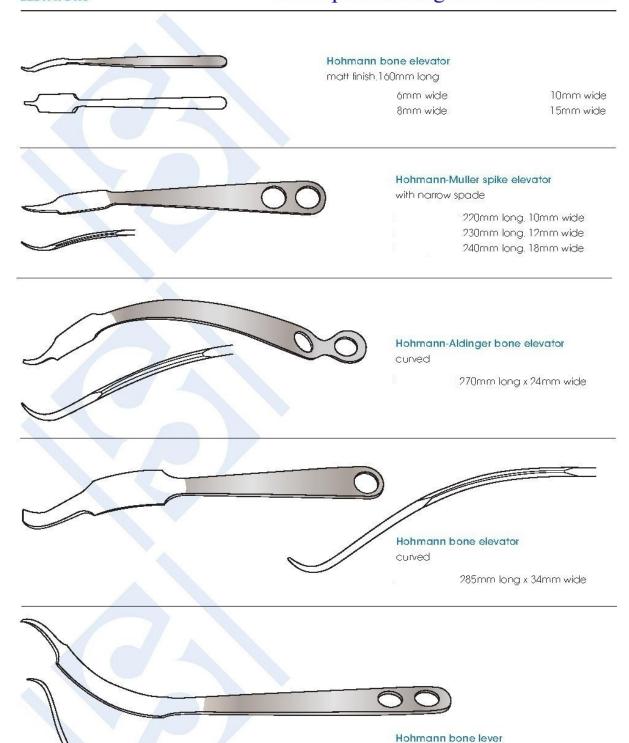
for first rib, satin finish handle, 175mm long

12mm wide 18mm wide



ELEVATORS

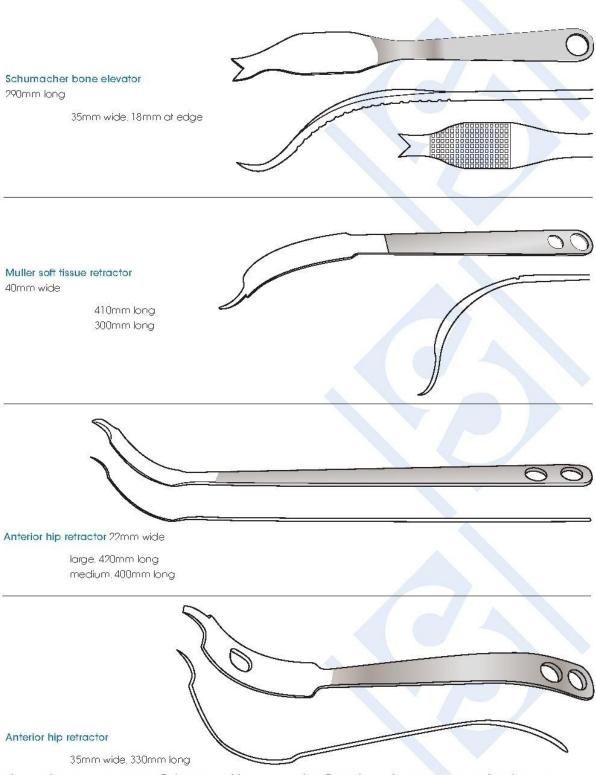
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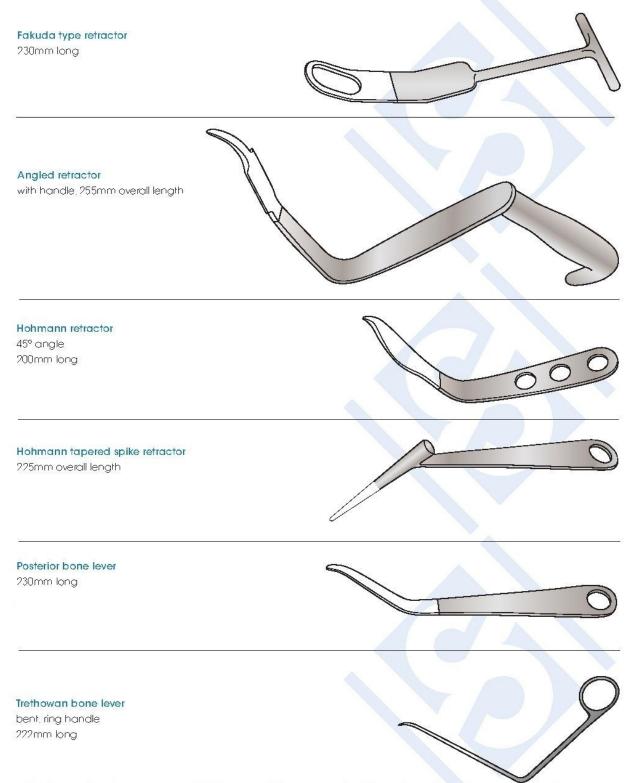
curved. Leicester Royal Infirmary pattern

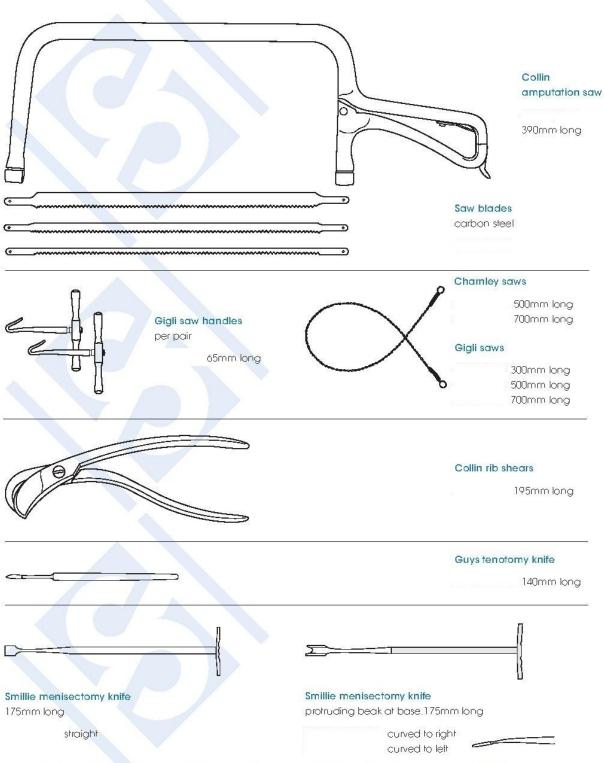
340mm long x 23mm wide



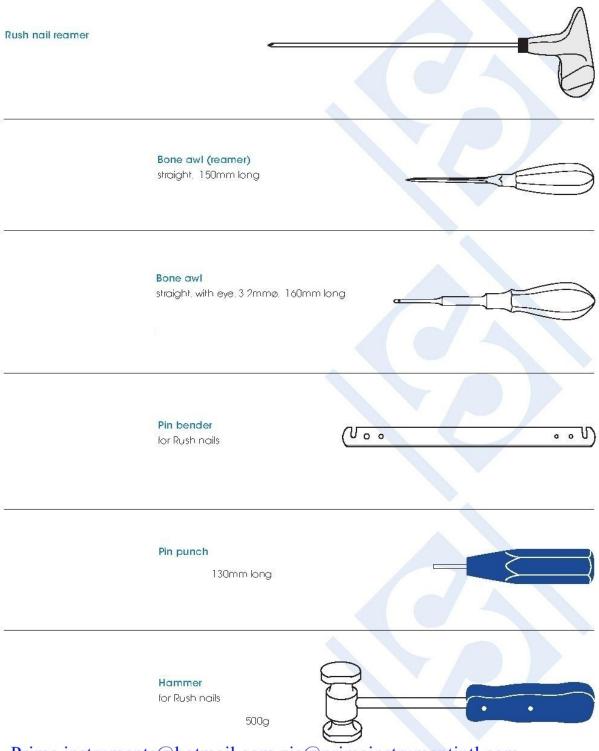


ELEVATORS/RETRACTORS



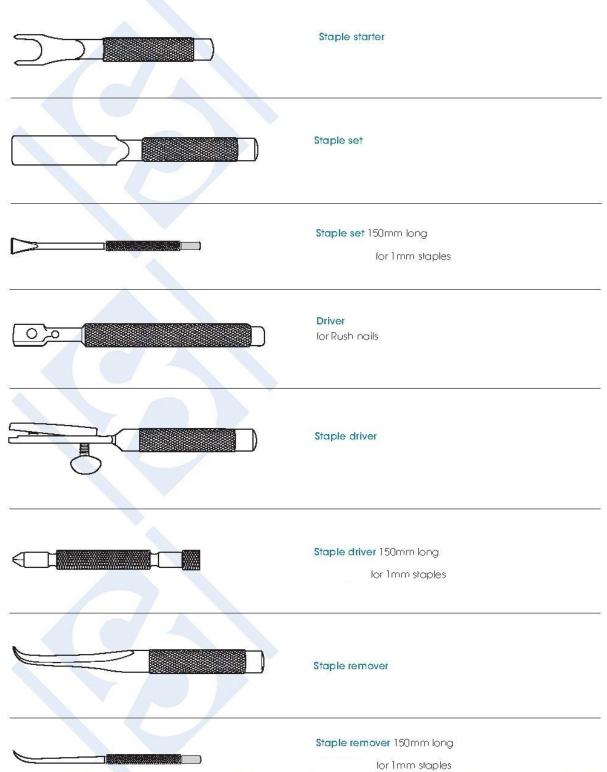


NAIL AND STAPLE INSTRUMENTS

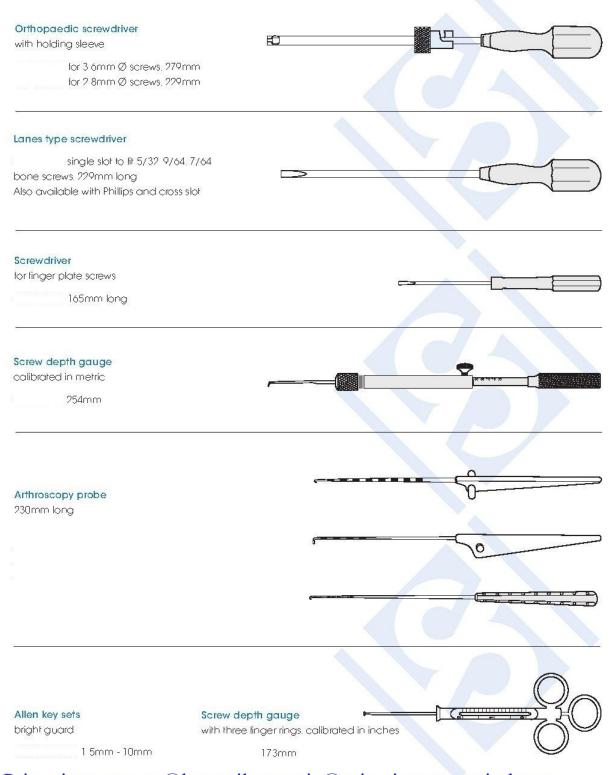


NAIL AND STAPLE INSTRUMENTS

PRIME Surgical International Orthopediac Surgical Instruments

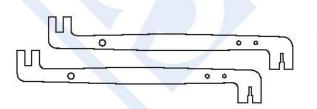


SCREW AND PLATE INSTRUMENTS





imperial, 6° metric, 150mm metric, 300mm



Bone plate benders

per pair

190mm long



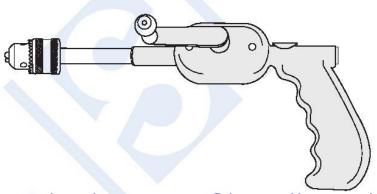
Lane screw holding forceps

290mm long



Lane plate holding forceps

290mm long



Orthopaedic hand drill

with spindle lock

305mm

CHUCKS

Intramedullary pin chuck

cannulated, with stainless steel holding sleeve. stainless steel chuck aluminium handle

Maximum capacity 6 5mm Ø

267mm long



hard chrome

for SC-OR/2, SC-OR/2b, and SC-OR/2bl

Intramedullary pin chuck stainless steel, with T handle

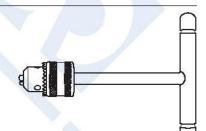
maximum capacity 6 5mm Ø. 152mm long

Replacement chuck hard chrome

for SC-OR/2 and SC-OR/2b

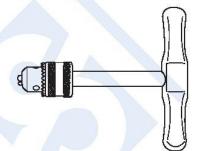
Replacement chuck stainless steel

for SC-OR/2 and SC-OR/2b



Intramedullary pin chuck

stainless steel chuck, with lightweight cannulated T handle Maximum capacity 6 5mm ø. 140mm long



Small chuck

for use with

0445-097 Mini countersink 0445-020 0445-024

0445-010 0445-014

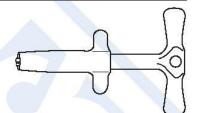
0445-027



Watson Jones Guide Wire Introducer

stainless steel

140mm long



Introducing handle

for toe and finger wires, stainless steel

up to 1 5mmØ



DRILLS / CERCLAGE WIRE

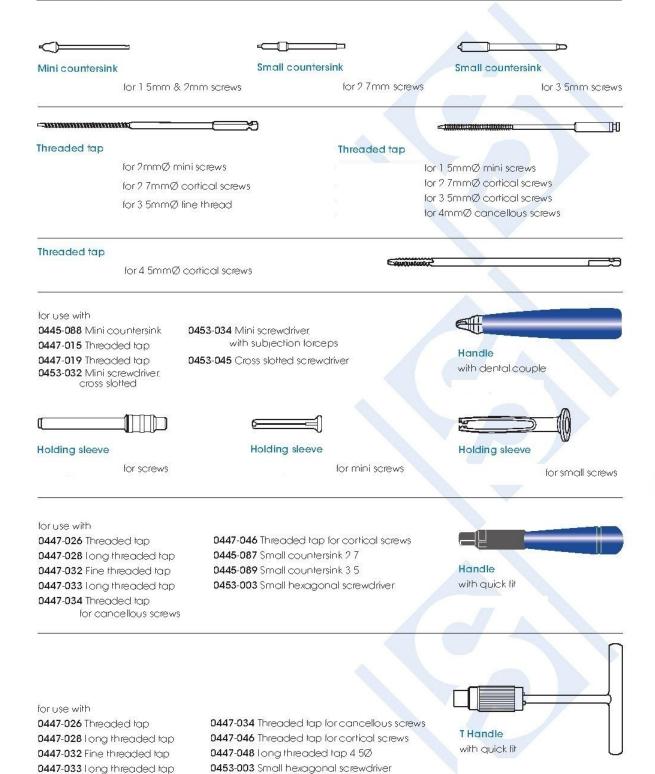
Twist dri with qui	- A	TOTAL LENGTH mm	FLUTE LENGTH mm	
	11	60	35	for 1 5mm cortical screws
	1.5	85	60	for 1 5mm cortical screws
	15	105	70	large, for 1.5mm cortical screws
	20	100	75	for 27mm cortical screws
	20	125	100	large, for 4 0mm cortical screws
	25	110	85	for 40mm cortical and cancellous screws
	25	180	155	large, for 40mm cortical and cancellous screw
	27	105	75	for 27mm cortical screws
	27	125	100	large, for 2.7mm cortical screws
	32	145	110	for 45mm cortical screws
	3.2	195	160	large, for 4 5mm cortical screws
	35	110	85	for 3 57mm cortical screws
	35	195	160	large, for 3 5mm cortical screws
	4.5	145	120	for 45mm cortical screws
	4 5	195	170large	e, for 4 5mm cortical screws

		CODE & mmØ	CODE & mmØ
anna		OTD /1.4	OTD/3.6
	Twist drills OTD	OTD /1.6	OTD /4.0
	Made from implant grade stainless steel, with	OTD/2.0	OTD/4.4
	2 5mm flute x 125mm long	65	OTD/4.8
	material conforms to BS 7252; Part 1: 1997, ISO 5832-1: 1997.	OTD /2.4	OTD/5.6
	Comp.D.	OTD /2.8	OTD/6.4
		OTD/3.2	OTHER SIZES AVAILABLE

)		·		
	Ø mm	LENGTH		Ø	LENGTH
Coff video video video		mm	0.0.2	mm	mm
Soft wires with eyes	0.8	280	Soft wires without eye	0.6	175
In packs of 10	1.0	280	In packs of 10	0.8	200
	1.2	280		1.0	250
	0.8	500		1.2	300
	1.0	500		0.8	500
	1.2	500		1.0	500
				1.2	500

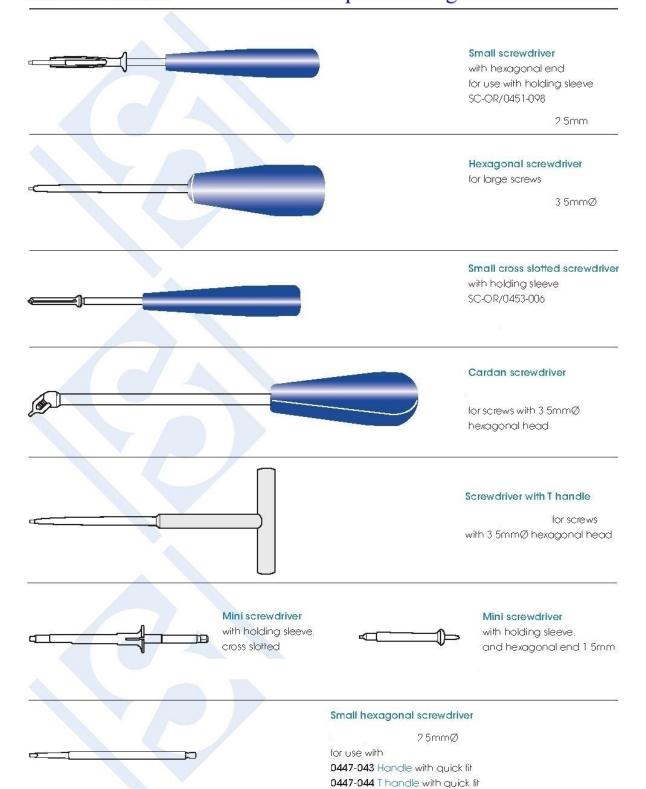
	Rolls	Ø	LENGTH
AND THE LET		mm	m
Wire tightener		0.8	10
for Cerclage and Kirschner wires with two dowel handles		1.0	10
23mm long		1.2	10

AO TYPE INSTRUMENTS



AO TYPE INSTRUMENTS

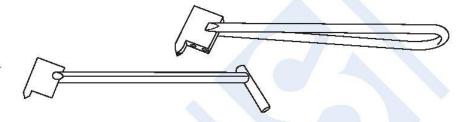
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AO TYPE INSTRUMENTS



with finder



Drill guide

for 1.1 and 1.5mm@drills



Neutral drill guide

and dynamic compression system tension

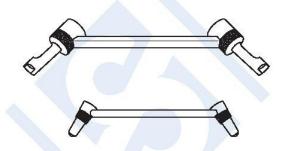
for 3 5mm cortical screws. fine thread, 2 5mm drills

for 4 5mm screws, 3 2mm drills extra long

For 45mm screws, 32mm drills

For 2mm screws, 1 5mm drills

For 2 7mm screws, 2 0mm drills

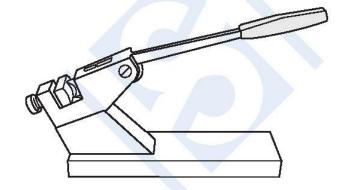


Spanner for use with 0262-045 cortical nuts.

11mmØ.8mmØ hexagon

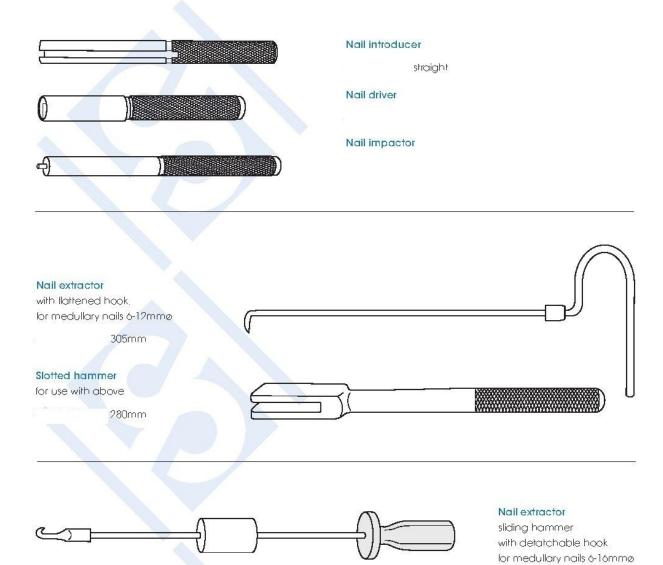


Plate bending press



CLOVER LEAF NAILS AND INSTRUMENTS

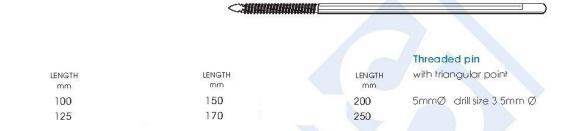
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540mm long hook only

THREADED PINS, RUSH PINS AND GUIDE WIRES





AIIIIII



square end or		SIZES Ø	LENGTH
	DP/1	3.96mm (5/32")	20.3mm (8")
three sided end in stock	DP/2	3.96mm (5/32")	22.9mm (9")
other sizes available	DP/3	4.76mm (3/16")	20.3mm (8")
	DP/4	4.76mm (3/16")	22.9mm (9")

Temporary implants, material conforms to BS 7252: Part 1: 1997 . ISO 5832-1: 1997 . Comp.D.

Denham pin

CE marking available on request

<u> </u>			
Rush pins	LENGTHS		Watson Jones guide wire
material conforms to BS 7252; Part 1: 1997.	mm	inch	material conforms to BS 7252: Part 1
ISO 5832-1: 1997. Comp.D.	15.2	6	1997. ISO 5832-1: 1997
	17.8	7	
	20.3	8	
3/32° and 1/8° Ø up to 10 2mm (4°)	22.9	9	triangular end
Other diameters and lengths available	25.4	10	
	27.9	11	2 4mm (3/32°) Ø
	30.0	11.75	graduated in mms or 1/4°

PRIME Surgical International STEINMANN PINS AND ACCESSORIES Orthopediac Surgical Instruments

Steinmann pins Temporary implants, malerial conforms to BS 7252: Part 1: 1997, ISO 5832-1: 1997, Comp.D. CE marking available on request IPTT = trocar/trocar ends Ø mm t Ø mm 6 1.58 3.96 2.00 4.36 4.76 2.38 2.78 6.00 3.17 6.35 IPTS = trocar/trocar with one screw end 8.00 LENGTHS 150, 180, 200, 250mm *Other lengths and dimensions available IPTSE = trocar/square end When ordering, use prefix letters with size following, eg Trocar with one screw end Ø4.76mm = IPTS/476 IPTSE3 = trocar/with 3 sided end Steinmann pin cap with slot, available in 4 and 6mm Ø Steinmann pin cap with screw, available in 4 and 6mm Ø Bohler stirrup small 89 x 102mm medium 114 x 165mm large 152 x 241mm Prime.instruments@hotmail.com,zia@primeinstrumentintl.com

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KIRSCHNER WIRES AND ACCESSORIES

Kirschner/Arthrodesis wire Temporary implants, malerial conforms to BS 7252; Part 1: 1997, ISO 5832-1: 1997, Comp.D. CE marking available on request



ength up to 127mm avalage in 12mm@ and 16mm@

LENGTHS up to 100,127,152, 229, 300mm

These standard style ends are in stock, other combinations available. When ordering, use prefix letters + diameter in mm + length required

Sterile Kirschner/Arthrodesis wire trocar/trocar, packed individually in box of 10, 203mm long

 KWHSB0009-S
 0 9mmø

 KWHSB0010A-S
 1 0mmø

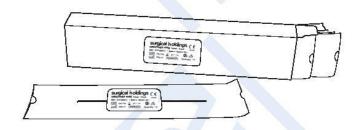
 KWHSB0010B-S
 1 1mmø

 KWHSB0010C-S
 1 1mmø

 KWHSB0011A-S
 1 5mmø

 KWHSB0011-S
 1 4mmø

 KWHSB0012-S
 1 6mmø



Kirschner wire bender

137mm long



Kirschner wire punch

133mm long



BONE SCREWS

00	Mini-screws	LENGTH	LENGT	
	with spherical head	mm	mm	
	1 5mmØ cortical screws	6	12	
		7 8	14	
	THRFAD Ø 1.5mm		16	
	HFAD Ø 3mm HFXAGON Ø 1.5mm	9	18	
	DRILL SIZE 1.1 mm	10	20	
	TAP SI7F 1.5mm	11		
	SCREWDRIVER OR/0453-032			
	LENGTH	LENGTH	LENGT	
Mini-screws	mm	mm	mm	
with spherical head	6	18	30	
2mmØ cortical screws	8	20	32	
	10	22	34	
THRFAD Ø 2mm	12	24	36	
HFAD Ø 4mm	14	26	38	
HFXAGON Ø 1.5mm	16	28		
DRILL SI7F 1.1 mm TAP SI7F 2mm				
SCREWDRIVER OR/0453-032				
50KI 7115KI 71 K 511, 0400 002				
MANAMATA 🔘				
Small screws	LENGTH mm	LENGTH mm	LENGT mm	
with spherical head				
77mmØ cortical screws	6	18	30	
	8	20	32	
THRFAD ∅ 2.7mm	10	22	34	
HFAD Ø 5mm	12	24	36	
HFXAGON Ø 2.5mm	14	26	38	
DRILL SI7F 2mm TAP SI7F 2.7mm	16	28	40	
SCREWDRIVER OR/0453-002				
	LENGTH	LENGTH	LENGTH	
	mm	mm	mm	
Savos consider on the entre of the entre	10	30	65	
Screws with spherical head	12	32	70	
3 5mmØ cortical screws	14	34	75	
HRFAD Ø 3.5mm	16	36	80	
IFAD Ø 6mm	18	38	85	
IFXAGON Ø 2.5mm	20	40	90	
ORIH SI7F 2.5mm	22	45	95	
AP SI7F 3.5mm	24	50	100	
CREWDRIVER OR/0453-002	26	55	105	



Screws with spherical head 4mmØ cancellous screws.	LENGTH mm	LENGTH mm	LENGTH mm
total thread	10	22	40
	12	24	45
THRFAD Ø 4mm	14	26	50
THREAD PITCH 1.75mm	16	28	55
HFAD Ø 6mm HFXAGON Ø 2.5mm	18	30	60
DRIII FORTHREAD 2.5mm TAP SIZE 4mm SCREWDRIVER OR/0453-002	20	35	

			attite	<u>'</u>	I(C)
Screws with spherical head 4mmØ cancellous screws.	LENGTH mm	THREAD LENGTH mm	LENGTH mm	THREAD LENGTH mm	
short thread	10	5	26	12	
	12	5	28	14	
THREAD Ø 4mm	14	5	30	14	
THREAD PITCH 1.75mm	16	6	35	14	
HFAD Ø 6mm	18	7	40	14	
HFXAGON Ø 2.5mm DRILL FOR THREAD 2.5mm	20	8	45	15	
TAP SIZE 4mm	22	9	50	15	
SCREWDRIVER OR/0453-002	24	10			



Screws with spherical head	LENGTH	LENGTH	LENGTH
45mmØ cortical screws	mm 14	mm. 38	mm 64
THRFAD Ø 4.5mm	16	40	68
HFAD Ø 8mm	18	42	72
HEXAGON Ø 3.5mm DRIT SI7F 3.2mm	20	44	76
TAP SI7F 4.5mm	22	46	80
SCREWDRIVER OR/0453-012	24	48	85
	26	50	90
	28	52	95
	30	54	100
	32	56	105
	34	58	110
	36	60	

BONE SCREWS



Screws with spherical head	LENGTH	THREAD LENGTH	LENGTH	THREAD LENGTH
45mmØ malleolar screws	mm	mm	mm	mm
	25	12	50	24
THRFAD Ø 4.5mm	30	15	55	26
HFAD Ø 8mm	35	18	60	28
HFXAGON Ø 3.5mm	40	20	65	30
DRILL SI7F 3.2mm TAP SI7F 4.5mm	45	22	70	32
CODEMED OF TOTAL OF THE				



Screws with spherical head	LENGTH	LENGTH	LENGTH
	mm	mm	mm
6 5mmØ cancellous screws.	25	55	85
full thread	30	60	90
THREAD Ø 6.5mm	35	65	95
THREAD PITCH 1.75mm	40	70	100
HFAD Ø 8mm	45	75	105
HFXAGON Ø 3.5mm PIIOT DRII I SI7F 3.2mm	50	80	110
TAP SI7F 6.5mm SCRFWDRIVFR OR/0453-012			



Screws with spherical head	LENGTH	LENGTH
2.C	mm	mm
6 5mmØ cancellous screws.	30	75
thread length 16mm	35	80
THRFAD Ø 6.5mm	40	85
THREAD PITCH 1.75mm	45	90
HFAD Ø 8mm	50	95
HFXAGON Ø 3.5mm	55	100
DRILL SIZE 3.2mm	60	105
TAP SI7F 6.5mm SCRFWDRIVFR OR/0453-012	65	110
SCREWINGVER ON 0455-012	70	

BONE SCREWS



Screws with spherical head

6 5mmØ cancellous screws. thread length 37mm

TUDEAD & CE	
THRFAD ∅ 6.5mm	
THREAD PITCH 1.75mm	
HFAD Ø 8mm	
HFXAGON Ø 3.5mm	
DRILL SI7F 3.2mm	
TAP SI7F 6.5mm	
SCREWDRIVER OR/0453-012	

LENGTH	LENGTH
mm	mm
45	80
50	85
55	90
60	95
65	100
70	105
75	110



BONE PLATES

000000	1				
LENGTH	HOLES		LENGTH	HOLES	
mm			mm		
Semi-tubular bone plates 39	2		135	8	
for use with 4 5mmØ cortical 55	3		151	9	
screws and 6 5mmØ	4		167	10	
cancellous screws 87	5		183	11	
THICKNESS 1mm 103	6		199	12	
WDTH11mm Or 12mm 119	7				
000000					
	LENGTH mm	HOLES		LENGTH mm	HOLES
Narrow bone plates	39	2		167	10
for dynamic compression For use with	55	3		183	11
4.5mmØ cortical screws and 6.5mmØ	71	4		199	12
cancellous screws	87	5		215	13
THICANESS 3.6mm WIDTH 12mm	103	6		231	14
	119	7		247	15
	135	8		263	16
	151	9			
60000					
	LENGTH mm	HOLES		LENGTH mm	HOLES
	22	2		88	7
	46	4		94	8
Standard bone plates	52	4		100	8
3 5mm standard round hole plates	58	5		106	9
THICKNESS 3.2mm WIDTH 10mm	64	5		118	9
	70	6		118	10
	76	6		130	10
	82	7			
(00000000 <u></u>					
	IENGTII	HOLES		IENGTH	HOLES
	LENGTH mm	HOLES		LENGTH mm	HOLES
Heavy duty bone plates	104	8		156	12
3 5mm heavy duty round hole plates	117	9		169	13
THIC (NESS 4mm WIDTH 12mm	130	10		180	14
	143	11		195	15

BONE PLATES

Heavy duty bone plates 27mm heavy duty round hole plates THIC≪NESS 2mm WIDTH 8mm LENGTH LENGTH HOLES mm

		00000	00000) O
Broad compression bone plates	LENGTH mm	HOLES	LENGTH mm	HOLES
for dynamic compression	103	6	183	11
For use with 4 5mmØ	119	7	199	12
cortical screws and 6 5mmØ	135	8	231	14
cancellous screws	151	9	283	16
THICKNESS 4.5mm WIDTH 16mm	167	10	295	18

RECONSTRUCTION PLATES

	HOLES		
Straight bone plates	16	00000	00000000000
2mm hole	20		
	HOLES	HOLES	HOLES
Straight bone plates	5	12	20
27mm hole	6	14	22
	8	16	24
	10	18	



Straight bone plates	5	9	16
35mm hole	6	10	18
	7	12	20
	8	14	22

HOLES

COMPRESSION PLATES

PRIME Surgical International Orthopediac Surgical Instruments

Top View Bottom View	SM-FRG for use with 3 5mm and 4mm cortical screws	HOLE 5 6 7 8 9 10	S
Narrow compression plates	HOLES	HOLES	HOLES
for use with 4 5mm	5	8	12
and 4mm cortical screws	6	10	13
	7	11	14
Wide compression plates	HOLES	HOLES	HOLES
for use with 4 5mm	6	9	14
and 4mm cortical screws	7	10	16
	8	12	18

PLATES FOR SMALL FRAGMENTS



/_	- 1
1	
~	~

One third tubular plates
For use with 3 5mm∅ cortical screws

and 4mmØ cancellous screws
IHICKNESS 1.mm WIDTH 9mm

MM	HOLES	
25	2	
37	3	
49	4	
61	5	
73	6	

LENGTH mm	HOLES
85	7
97	8
109	9
121	10
145	12



One quarter tubular plates	TYPE A	LENGTH mm	HOLES	TYPEB	TENGIH	HOLES
For use with		23	3		25	2
2 7mmØ cortical screws		31	4		37	3
THICKNESS 1 mm WIDTH 7mm		39	2		49	4
		47	6		61	5
		55	7		73	6
		63	8		85	7

BONE PLATES

T plates

mm for 3 5mmØ cortical screws and 4mmØ cancellous screws 39/45 3 56 4 4 67 3 5

LENGTH

78

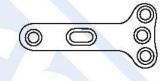
LENGTH

HEAD

4

HEAD HOLES

HOLES



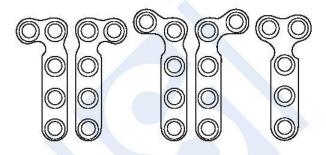
T plates

mm for 3 5mmØ cortical screws 3 52 3 and 4mmØ cancellous 63 3 4 screws 74 3



L and T plates

for 2.7 mmØ cortical screws left right left / oblique right / oblique T form





Straight plates

With dynamic compression holes For use with 3 5mmØ cortical screws. and 4mmØ cancellous screws THC (NESS 3mm WIDTH 10mm

LENGTH mm	HOLES
25	2
37	3
49	4
61	5
73	6

LENGTH	HOLE
mm	
85	7
97	8
109	9
121	10
145	12



Straight plates

mm With dynamic compression 20 holes For use with 2 7mmØ 36 4 cortical screws 44 5 UPTO & HOLES, THICKNESS, 2mm 52 7 HOLES AND OVER. 60 THC∢NESS 2.4mm WIDTH 8mm

LENGTH mm	HOLES
68	8
76	9
84	10
100	12

LENGTH

HOLES





Finger plates.
for use with 2mmØ cortical screws

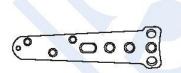
THICKNESS 1.2mm WIDTH 5mm

left right left / oblique

T form

right / oblique

SPECIAL FORM PLATES



Spoon plates

for use with

4 5mmØ cortical screws

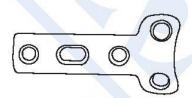
1	.ENGTH mm	HOLES	LENGTH mm	HOLE
	100	5	100	5
	120	6	116	6
	68	3	148	8
	84	4		



Clover leaf plates

for use with 4mm/ cancellous screws and 3 5mm/ cortical screws

LENGTH mm	HOLE:
88	3
104	4



T butress plates

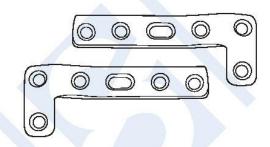
for use with 4 5mmØ cortical screws

81 4 96 5

L butress plates

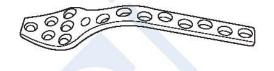
for use with 45mm/O cortical screws

LENGTH HOLES mm 86 4 86 4



Cobra plates

for use with	LENGTH	WOLE
4 5mmØ cortical screws and	mm	HOLES
ó 5mmØ cancellous screws	170	8
	186	9
	202	10
	218	11



Condylar butress plates

For use with 4 5mm/0 cortical screws and 6 5mm/0 cancellous screws

HOLES
7 left
7 right
9 left
9 right
11 left
11 right
13 left
13 right
15 left



(Papa Papa)

Wide plates

for post-osteotomy following lengthening, with 8 holes For use with 4 5mmØ cortical screws and 6 5mmØ cancellous screws

THICKNESS 4.5mm WIDTH 16mm DISTANCE BETWEEN HOLES 12mm

LENG mm	
138	5 30
145	5 40
155	5 50
16	5 60

PRIME Surgical International BONE PLATES, PINS, STAPLES, NUTS AND WASHERS Orthopediac Surgical Instruments



Y shaped plate

for use with 4 5mmø cortical screws, ref 0253

small large



Y shaped plate

for use with Sherman screws, ref 4100

arge

Staples









material conforms to BS 7252: Part 1: 1997. ISO 5832-1: 1997. Comp.D.

various lengths and widths available

Straight staple







10, 24, 32mmø







U shaped staple for epiphysis, toothed



angled staple



angled staple toothed



Nuts

4.5mm Ø for cortical screws

Ø 11mm HFXAGON Ø 8mm

Spanner for use with OR/0262-045

Washers

45mm Ø. mini

70mm Ø, medium

13mm Ø, large

Bone Forceps Set

105.90 Bone Forceps Set

PRIME Surgical International Orthopediac Surgical Instruments



305.75 Bone Forceps Set Graphic Case
With graphic outlines, autoclavable, perforated, complete with cover

Self-Centering Bone Holding Forceps with speed lock

398.81 Size 1, 240 mm length 398.82 Size 2, 260 mm length 398.83 Size 3, 280 mm length

Reduction Forceps

399.051 With serrated jaws, 240 mm length, speed lock, 2 ea.
399.06 180 mm length, speed lock
200.08 With points 200 mm length retabet

399.98 With points, 205 mm length, ratchet

Also available: Additional Bone Holding and Reduction Forceps



690.012 Soft Ratchet Bone Forceps Set Graphic Case

Instruments

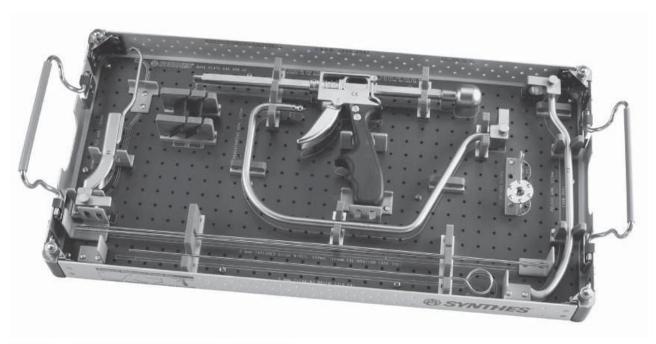
399.092 Reduction Forceps with points, medium handle, soft ratchet
399.098 Reduction Forceps, with serrated jaw, medium handle, soft ratchet
399.121 Bone Holding Forceps, for plates to 14 mm wide, soft ratchet
399.122 Bone Holding Forceps, for plates to 19 mm wide, soft ratchet
399.123 Bone Holding Forceps, for plates to 22 mm wide, soft ratchet
399.124 Reduction Forceps, with serrated jaw, large handle, soft ratchet, 2 ea.

Also available: Additional Soft Ratchet Forceps

General Instruments and Implants

Collinear Reduction Clamp Set

105.907 Collinear Reduction Clamp Set



690.498 Graphic Case for Collinear Reduction Clamp

Instruments

314.291 Sliding Mechanism 319.24 2.9 mm Cleaning Brush

398.71 Spiked Disk

398.752 Hohmann-Style Arm, 183 mm

398.753 Pelvic Arm, 225 mm

398.754 Percutaneous Arm, 255 mm

301.31

Combined Aiming Device

130.30 Combined Aiming Device Set

PRIME Surgical International Orthopediac Surgical Instruments



```
302.34
           Instrument Tray
310.21
           2.0 mm Drill Bit, quick coupling, 125 mm, 2 ea.
           3.2 mm Drill Bit, quick coupling, 195 mm, 2 ea.
310.29
           3.5 mm Drill Bit, quick coupling, 195 mm, 2 ea.
310.37
           4.5 mm Drill Bit, quick coupling, 195 mm, 2 ea.
310.48
           6.0 mm Drill Bit, quick coupling, 195 mm, 2 ea.
310.60
333.32
           2.0 mm Drill Sleeve
333.42
           2.0 mm Drill Sleeve, with two parallel holes
333.33
           3.2 mm Drill Sleeve
333.31
           3.5 mm Drill Sleeve
333.34
           4.5 mm Drill Sleeve
333.35
           Small Pointed Hook
333.36
           Locking Sleeve
333.37
           Measuring Bar
333.38
           Offset Pointed Hook
333.39
           Forked Impactor
           Hook, for external fixator
333.40
333.41
           Large Hook, for knee
333.53
           Check Tube
391.15
           Suture Pusher
391.16
           2.0 mm Suture Passer, 2 ea.
394.16
           3.5 mm Trocar
```

Also available: Combined Aiming Device Set (130.30J)

With standard drill bits 310.21J, 310.30, 310.38, 310.49, and 310.60J to fit Jacobs chuck

General Instruments

Retractors—continued

03.401.051 Ring Retractor, narrow



03.401.052 Ring Retractor, drop-shaped



03.401.053 Ring Retractor, drop-shaped, narrow



03.401.054 Ring Retractor, delta-shaped



General Shoulder Instrument Set—Retractors and Spreaders

01.401.007 General Shoulder Instrument Set—Retractors and Spreaders



60.401.006 Graphic Case for General Shoulder Instrument Set—Retractors and Spreaders

	Instruments
.401.040	Delta Retracto
401 041	Dolta Potracto

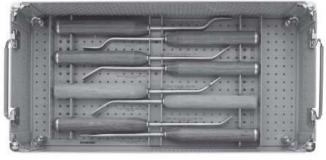
03. or, 2 ea. Delta Retractor, pointed 03.401.041 03.401.042 Bone Retractor, humeral head 03.401.050 Ring Retractor 03.401.051 Ring Retractor, narrow 03.401.052 Ring Retractor, drop-shaped 03.401.053 Ring Retractor, drop-shaped, narrow 03.401.054 Ring Retractor, delta-shaped 03.401.060 Shoulder Spreader, left bend 03.401.061 Shoulder Spreader, right bend

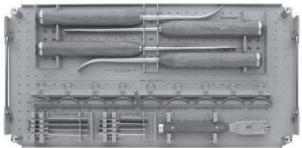
Prime.instruments@hotmail.com,zia@primeinstrumentintl.com +92-300-2621673,+92-313-5710887

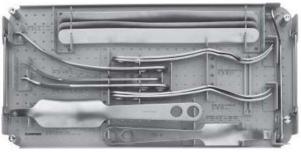
Hip Preservation Surgery Set

01.100.300 Hip Preservation Surgery Set

PRIME Surgical International Orthopediac Surgical Instruments







60.100.300 Graphic Case, for Hip Preservation Surgery Set

Instruments

Straight Pelvic Osteotomes

03.100.300 15 mm blade width **03.100.301** 20 mm blade width

Angled Pelvic Osteotomes

03.100.302 15 mm blade width **03.100.303** 20 mm blade width

03.100.304 Short Angled Pelvic Osteotome, 15 mm blade width

Bayonette Pelvic Osteotomes

03.100.305 15 mm blade width **03.100.306** 20 mm blade width

03.100.307 Flag Pelvic Osteotome, 20 mm blade width

Curved Pelvic Osteotomes

03.100.038 15 mm blade width **03.100.039** 20 mm blade width

Pelvic Osteotomes, 304 mm

399.85 15 mm **399.86** 20 mm

instruments and implant

Prime.instruments@hotmail.com,zia@primeinstrumentintl.com +92-300-2621673,+92-313-5710887 73

Hip Preservation Surgery Set

01.100.300 Hip Preservation Surgery Set—continued PRIME Surgical International Orthopediac Surgical Instruments

	Instruments (cont'd.)
pose enongenesiones	Femoral Head Templates
03.100.342	42 mm diameter
03.100.344	44 mm diameter
03.100.346	46 mm diameter
03.100.348	48 mm diameter
03.100.350	50 mm diameter
03.100.352	52 mm diameter
03.100.354	54 mm diameter
03.100.356	56 mm diameter
03.100.358	58 mm diameter
	Aluminum Spoon Retractors
03.100.111	medium
03.100.112	large
	Malleable Retractors, 330 mm long
03.100.015	20 mm wide
03.100.016	30 mm wide
03.100.017	40 mm wide
03.100.107	Aluminum Blunt Pelvic Retractor
	Aluminum Hohmann Retractors
03.100.114	8 mm, short narrow tip
03.100.119	22 mm wide tip
03.100.108	35 mm width
03.100.109	18 mm width
03.100.110	24 mm width
399.54	Chisel Handle, synthetic, autoclavable
	Chisel Blades
399.55	10 mm width
399.555	10 mm width, long
399.56	16 mm width
399.565	16 mm width, long
399.57	25 mm width
399.575	25 mm width, long
399.58	5 mm width
399.585	5 mm width, long

Also available: Spoon Retractors, medium and large (03.100.011 and 03.100.012)

Curved Chisel Blades, 10 mm, 16 mm and 25 mm (03.100.116-.118)

Blunt Pelvic Retractor (398.55) Hohmann Retractors (399.20-.28)

General Instruments and Implants

Interchangeable Gouge, Chisel and Impactor Set

102.93 Interchangeable Gouge, Chisel and Impactor Set



301.93 Aluminum Case 302.93 Instrument Tray 302.94 Instrument Tray 397.70 Handle for gouges and chisels **Cancellous Bone Impactors** 397.71 6.0 mm, round, curved 397.72 6.0 mm, flat, curved 8.0 mm, round 397.73 397.74 6 mm x 16 mm, rectangular 397.75 10 mm x 20 mm, rectangular 397.76 10 mm x 30 mm, rectangular Gouges 397.86 Curved, 10 mm width 397.87 Curved, 15 mm width

Also available: Rasps (397.79) and (397.80)

Gouges (397.81–397.85) Chisels (397.93–397.99)

Chisel, straight, 16 mm blade width

397.91

General Instruments

Large Distractor Set

115.700 Large Distractor Set

PRIME Surgical International Orthopediac Surgical Instruments



305.78	Large Distractor Set Graphic Case
	Instruments
310.37	3.5 mm Drill Bit, quick coupling, 195 mm, 2 ea.
321.17	4.5 mm Pin Wrench, 120 mm
393.10	Universal Chuck with T-Handle
	Triple Trocar Assembly
394.16	3.5 mm Trocar, 110 mm
393.79	5.0 mm/3.5 mm Drill Sleeve, 110 mm
393.83	6.0 mm/5.0 mm Drill Sleeve, 98 mm
	Large Distractor Assembly
394.40	14.0 mm Threaded Spindle, 480 mm
394.41	14.0 mm Threaded Spindle, 330 mm
394.42	Spindle Nut, 3 ea.
394.43	Sliding Carriage
394.44	End Piece with double joint
394.45	Holding Sleeve, 55 mm length, 2 ea.
394.46	Holding Sleeve, 105 mm length, 2 ea.
	Implants
294.55,	5.0 mm Schanz Screws, blunted trocar point
294.56	4 ea.: 170 and 200 mm length
294.67,	6.0 mm Schanz Screws, spade point

4 ea.: 160 and 190 mm length

294.68

Note:

The Large Distractor Assembly may be ordered as a complete unit.

105.731 Medium Distractor Set

PRIME Surgical International Orthopediac Surgical Instruments



305.79 Medium Distractor Set Graphic Case

Instruments

310.37
3.5 mm Drill Bit, quick coupling, 195 mm, 2 ea.
321.17
4.5 mm Pin Wrench, 120 mm
321.20
Ratchet Wrench, 11 mm width across flats
393.10
Universal Chuck with T-Handle

Triple Trocar Assembly

393.79 5.0 mm/3.5 mm Drill Sleeve, 110 mm **393.83** 6.0 mm/5.0 mm Drill Sleeve, 98 mm **394.16** 3.5 mm Trocar, 110 mm

Medium Distractor Assembly

395.40 11.5 mm Threaded Spindle, 360 mm
395.41 11.5 mm Threaded Spindle, 260 mm
395.42 Spindle Nut, 3 ea.
395.43 Sliding Carriage
395.44 End Piece with double joint
395.45 Holding Sleeve, 45 mm, 2 ea.

Implants

294.54- 5.0 mm Schanz Screws, blunted trocar point

Holding Sleeve, 85 mm, 2 ea.

294.56 4 ea.: 150, 170 and 200 mm

Note: The Medium Distractor Assembly may be ordered as a complete unit.

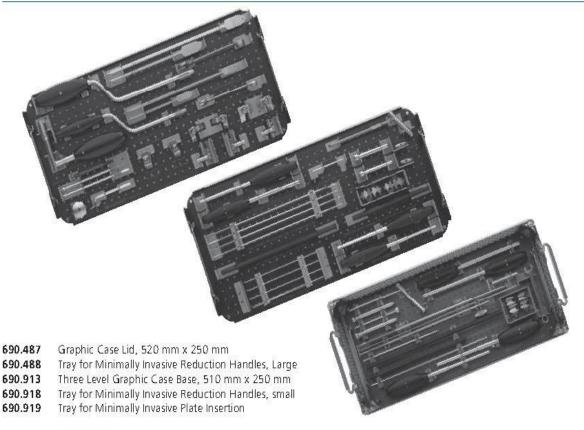
Medium Distractor, complete (395.49)

General Instruments and Implant

395.46

Minimally Invasive Reduction & Plate Insertion Instrument Set

135.292 Minimally Invasive Reduction & Plate Insertion Instrument Set



Instruments

328.040

292.655	1.6 mm Guide Wire, 410 mm, threaded tip, with Trocar, 4 ea.
292.68	2.8 mm Threaded Guide Wire, 300 mm, for use with 7.3 mm Cannulated Screw System, 4 ea.
292.72	1.6 mm Threaded Guide Wire, 150 mm, spade point, for use with 4.5 mm Cannulated Screw System, yellow, 4 e
314.14	Large Hexagonal Key, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws, 2 ea.
314.16	Small Hexagonal Key, for 2.7 mm and 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws
321.158	Combination Wrench, 8 mm width across flats
321.16	Combination Wrench, 11 mm width across flats, 2 ea.
325.010	Soft Tissue Retractor, small, extendible
325.020	Reduction Handle, toothed, for 3.0 mm Threaded Rod, 2 ea.
325.030	Reduction Handle, rounded, for 1.6 mm Guide Wire, 2 ea.
325.041	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for LCP 3.5 mm and LC-DCP 3.5 mm
325.070	8.0 mm Protection Sleeve, slotted
325.080	8.0 mm/1.6 mm Drill Sleeve
325.100	8.0 mm/3.0 mm Drill Sleeve
325.150	Adjusting Nut, for 3.0 mm Threaded Rod, 2 ea.
325.160	3.0 mm Threaded Rod, 270 mm, self-drilling tip, 4 ea.
328.010	Soft Tissue Retractor, large, extendible
328.011	Small Soft Tissue Retractor Blade, long
328.012	Large Soft Tissue Retractor Blade, long

328.020 Reduction Handle, toothed, for 5.0 mm Threaded Rod, 2 ea. 328.030 Reduction Handle, rounded, for 2.8 mm Guide Wire, 2 ea.

Plate Holder, for Minimally Invasive Plating Osteosynthesis

ea.

Minimally Invasive Reduction & Plate Insertion Instrument Set

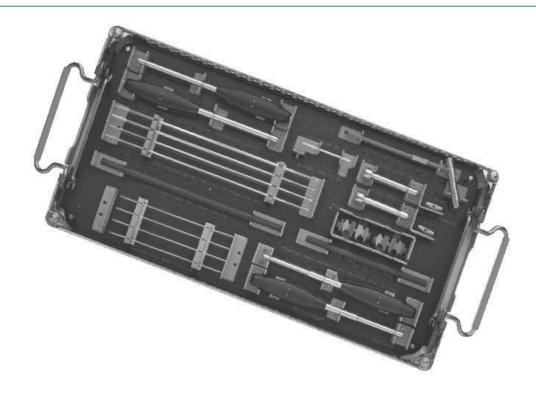
135.292 Minimally Invasive Reduction & Plate Insertion Instrument Set—continued

328.041	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for Narrow LCP 4.5 mm/5.0 mm and
	Narrow LC-DCP 4.5 mm
328.042	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for Broad LCP 4.5 mm/5.0 mm and Broad
	LC-DCP 4.5 mm
328.044	Connecting Screw, for Plate Holder for Minimally Invasive Plating (328.040)
328.100	11.0 mm Protection Sleeve, slotted
328.110	11.0 mm/2.8 mm Drill Sleeve
328.120	5.0 mm-1.6 mm Wire Guide
328.130	11.0 mm/5.0 mm Drill Sleeve
328.140	Cannulated Tap for 5.0 mm Threaded Rod, 195 mm
328.150	Adjusting Nut, for 5.0 mm Threaded Rod, 2 ea.
328.160	5.0 mm Threaded Rod, 380 mm, self-drilling tip, 4 ea.
328.170	5.0 mm Cannulated Threaded Rod, 335 mm, blunt tip, 1.6 mm cannulation, 2 ea.
328.310	Clamping Foot for 328.040 LCP, 2.7 mm/3.5 mm Medial Distal Tibia, right
328.311	Clamping Foot for 328.040 LCP, 2.7 mm/3.5 mm Medial Distal Tibia, left
328.330	Clamping Foot for 328.040 LCP, 3.5 mm Lateral Proximal Tibia, right
328.331	Clamping Foot for 328.040 LCP, 3.5 mm Lateral Proximal Tibia, left
328.335	Connecting Screw, for 3.5 mm LCP
328.340	Clamping Foot for 328.040 LCP, 4.5/5.0 mm Lateral Proximal Tibia, right
328.341	Clamping Foot for 328.040 LCP, 4.5/5.0 mm Lateral Proximal Tibia, left
328.344	Adjusting Nut for 328.335 & 328.345
328.345	Connecting Screw, for 4.5 mm/5 mm LCP
	\$6.000000000000000000000000000000000000

Also available: Minimally Invasive Reduction Instrument Set, small (135.293)
Minimally Invasive Plate Insertion Set (135.294)

Minimally Invasive Reduction Instrument Set, small

135.293 Minimally Invasive Reduction Instrument Set, small

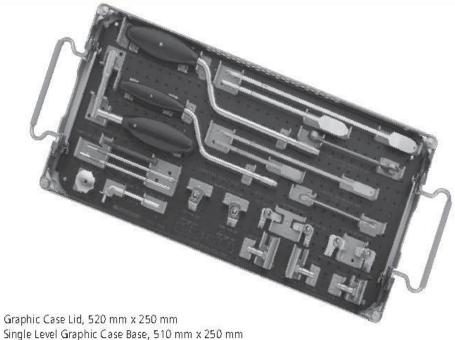


690.487 690.911	Graphic Case Lid, 520 mm x 250 mm Single Level Graphic Case Base, 510 mm x 250 mm
690.918 Tray for Minimally Invasive Reduction Handles, small	
	Instruments
292.72	1.6 mm Threaded Guide Wire, 150 mm, spade point, for use with 4.5 mm Cannulated Screw System, yellow, 4 ea.
314.16	Small Hexagonal Key, for 2.7 mm and 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws
325.020	Reduction Handle, toothed, for 3.0 mm Threaded Rod, 2 ea.
325.030	Reduction Handle, rounded, for 1.6 mm Guide Wire, 2 ea.
325.070	8.0 mm Protection Sleeve, slotted
325.080	8.0 mm/1.6 mm Drill Sleeve
325.100	8.0 mm/3.0 mm Drill Sleeve
325.150	Adjusting Nut, for 3.0 mm Threaded Rod, 2 ea.
325.160	3.0 mm Threaded Rod, 270 mm, self-drilling tip, 4 ea.

Also available: Minimally Invasive Reduction and Plate Insertion Instrument Set (135.292), which consists of sets 135.293, 135.294 and 135.296 in a Three-High Graphic Case

Minimally Invasive Plate Insertion Set

135.294 Minimally Invasive Plate Insertion Set



690.487

690.911

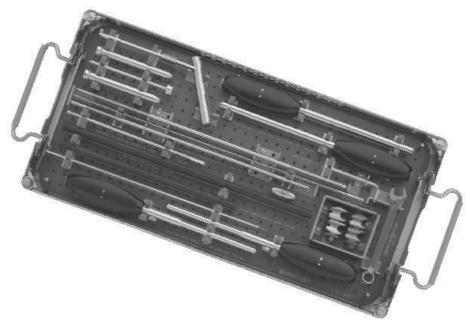
690.919 Tray for Minimally Invasive Plate Insertion

Instruments

	instruments
314.14	Large Hexagonal Key, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws
321.158	Combination Wrench, 8 mm width across flats
321.16	Combination Wrench, 11 mm width across flats
325.010	Soft Tissue Retractor, small, extendible
325.041	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for LCP 3.5 mm and LC-DCP 3.5 mm
328.010	Soft Tissue Retractor, large, extendible
328.011	Small Soft Tissue Retractor Blade, long
328.012	Large Soft Tissue Retractor Blade, long
328.040	Plate Holder, for Minimally Invasive Plating Osteosynthesis
328.041	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for Narrow LCP 4.5 mm/5.0 mm and Narrow LC-DCP 4.5 mm
328.042	Clamping Foot, for Plate Holder for Minimally Invasive Plating (328.040), for Broad LCP 4.5 mm/5.0 mm and Broad LC-DCP 4.5 mm
328.044	Connecting Screw, for Plate Holder for Minimally Invasive Plating (328.040)
328.310	Clamping Foot for 328.040 LCP, 2.7 mm/3.5 mm Medial Distal Tibia, right
328.311	Clamping Foot for 328.040 LCP, 2.7 mm/3.5 mm Medial Distal Tibia, left
328.330	Clamping Foot for 328.040 LCP, 3.5 mm Lateral Proximal Tibia, right
328.331	Clamping Foot for 328.040 LCP, 3.5 mm Lateral Proximal Tibia, left
328.335	Connecting Screw, for 3.5 mm LCP
328.340	Clamping Foot for 328.040 LCP, 4.5/5.0 mm Lateral Proximal Tibia, right
328.341	Clamping Foot for 328.040 LCP, 4.5/5.0 mm Lateral Proximal Tibia, left
328.344	Adjusting Nut for 328.335 and 328.345
328.345	Connecting Screw, for 4.5 mm/5 mm LCP

Also available: Minimally Invasive Reduction and Plate Insertion Instrument Set (135.292), which consists of sets 135.293, 135.294 and 135.296 in a Three-High Graphic Case

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690.487	Lid for Minimally Invasive Reduction and Plate Insertion Set
690.488	Tray for Minimally Invasive Reduction Handles, large
690.911	Single Level Graphic Case Base

Instruments

292.655	1.6 mm Guide Wire, 410 mm, 4 ea.
292.68	2.8 mm Threaded Guide Wire, 300 mm, 4 ea.
314.14	Large Hexagonal Key
321.16	Combination Wrench, 11 mm width across flats
328.020	Reduction Handle, toothed, for 5.0 mm Threaded Rod, 2 ea.
328.030	Reduction Handle, rounded, for 2.8 mm Guide Wire, 2 ea.
328.100	11.0 mm Protection Sleeve, slotted
328.110	11.0 mm/2.8 mm Drill Sleeve
328.120	5.0 mm/1.6 mm Wire Guide
328.130	11.0 mm/5.0 mm Drill Sleeve
328.140	Cannulated Tap for 5.0 mm Threaded Rod, 195 mm
328.150	Adjusting Nut for 5.0 mm Threaded Rod, 2 ea.
328.160	5.0 mm Threaded Rod, self-drilling tip, 380 mm, 4 ea.
328.170	5.0 mm Cannulated Threaded Rod, blunt tip, 335 mm, 2 ea.

Also available: Minimally Invasive Reduction and Plate Insertion Instrument Set (135.292), which consists of sets 135.293, 135.294 and 135.296 in a Three-High Graphic Case

11.0 mm Carbon Fiber Rods (394.8x) Large Combination Clamp (390.005)



690.013 Orthopaedic Cable System Instrument Set Graphic Case

Instruments

391.103	Medium Cable Passer, curved
391.104	Large Cable Passer, curved
391.105	Medium Cable Passer
391.106	Medium Cable Passer, 45° angle
391.107	Large Cable Passer
391.108	Large Cable Passer, 45° angle
391.201	Cable Tensioner
391.882	Cable Crimper
391.883	Attachment Bit, 4 ea.
391.884	Provisional Tensioning Device, 4 ea.
391.885	Forceps, for use with Cerclage Buttons and Positioning Pins
391.905	Cable Cutter, standard
391.906	Cable Cutter, large

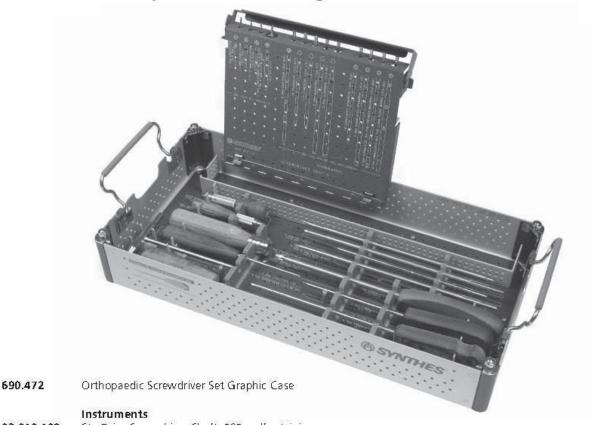
Also available: Care and Maintenance Kit for Cable Tensioner (199.915)

Consists of: 319.27 2.1 mm Cleaning Brush 319.36 2.0 mm Cleaning Stylet 519.97 Autoclavable Oil

1.0 mm and 1.7 mm Cables with Crimp, sterile (298.8xx.015), (498.8xx.015) and (611.105.015)

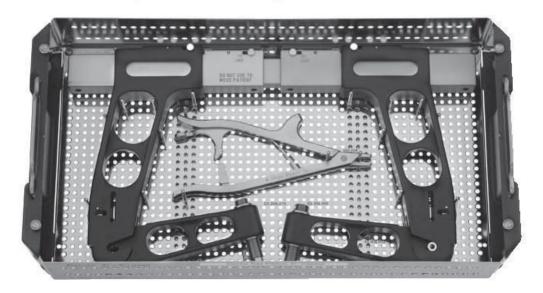
Trochanteric Reattachment Devices (498.806S) and (498.807S)

Cerclage Positioning Pins and Cerclage Buttons (298.8xxS), (02.221.00xS), (498.8xxS) and (04.221.00xS)



03.010.109	StarDrive Screwdriver Shaft, T25, self-retaining
03.010.110	Cannulated StarDrive Screwdriver, T40, self-retaining
311.01	Handle, with mini quick coupling
311.43	Small Handle, with quick coupling
311.431	Large Handle, with quick coupling
313.93	Hexagonal Screwdriver
313.96.96	Cruciform Screwdriver
313.991	Cruciform Screwdriver Shaft, self-retaining
313.992	Cruciform Screwdriver Shaft, self-retaining
313.993	Cruciform Screwdriver Shaft, self-retaining
314.04	Hexagonal Screwdriver Shaft
314.05	Cannulated 4.0 mm Hexagonal Screwdriver
314.10	Cannulated 2.5 mm Hexagonal Screwdriver Shaft
314.116	StarDrive Screwdriver Shaft, T15
314.19	Cannulated 3.5 mm Hexagonal Screwdriver
314.22	Cannulated 3.5 mm Hexagonal Screwdriver Shaft
314.23	Cannulated 4.0 mm Hexagonal Screwdriver Shaft
314.463	Cannulated Cruciform Screwdriver, 1.2 mm cannulation
314.464	Cannulated Driver Shaft for Threaded Washers
314.465	Cruciform Screwdriver Shaft, quick coupling
314.466	Cannulated StarDrive Screwdriver Shaft, T8
314.467	StarDrive Screwdriver Shaft, T8
314.55	Small Hexagonal Screwdriver Shaft, long
314.56	Large Hexagonal Screwdriver Shaft, long
314.67.97	Cruciform Screwdriver Shaft with Holding Sleeve
314.80	Cannulated 3.5 mm Hexagonal Screwdriver Shaft
392.965	Combination T-Wrench

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68.306.000 Vario Case for Pelvic C-Clamp II

689.886 Bin for Vario Case, 64 mm x 29 mm x 53 mm

Instruments

02.306.006 Short Cannulated Nail for Pelvic C-Clamp II, 2 ea. 02.306.007 Long Cannulated Nail for Pelvic C-Clamp II, 2 ea.

292.26 2.5 mm Kirschner Wire, 285 mm, trocar point, 1 pkg. of 10

03.306.009 2.5 mm K-Wire Insertion Handle

03.306.010 Pelvic C-Clamp II

03.306.011 8 mm Protective Cap, 4 pkgs. of 2

321.20 Ratchet Wrench, 11 mm width across flats, 2 ea.

391.93 Wire Cutter, 220 mm

398.32 Socket Wrench with Hammer

Note: The Pelvic C-Clamp II (03.306.010) consists of one Inner Rail (03.306.000) and two each of the following: Outer Rail (03.306.001), Upper Side Arm (03.306.002), Lower Side Arm (03.306.003), and Threaded Tube (03.306.008).





304.565 Percutaneous Reduction Forceps Instrument and Implant Set Module 306.667.96 Screw Length Marker Kit

Instruments

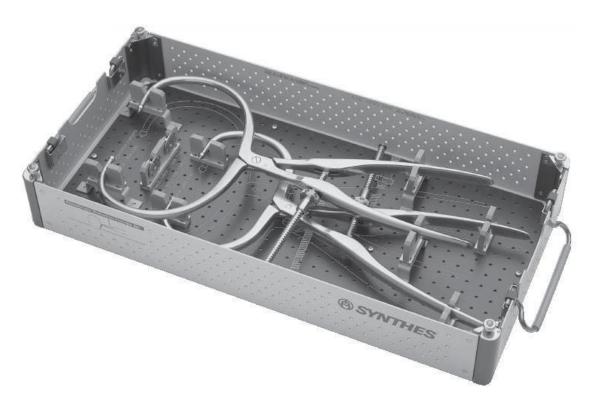
399.003	Percutaneous Reduction Forceps
399.004	Trocar, for Percutaneous Reduction Forceps
399.005	Plastic Trocar, for Percutaneous Reduction Forceps
399.006	0.76 mm Drill Guide, for Percutaneous Reduction Forceps
399.007	1.0 mm Drill Guide, for Percutaneous Reduction Forceps
399.008	1.1 mm Drill Guide, for Percutaneous Reduction Forceps
399.009	1.3 mm Drill Guide, for Percutaneous Reduction Forceps
399.011	1.5 mm Drill Guide, for Percutaneous Reduction Forceps
311.03.96	Handle, with mini quick coupling
313.991	1.0 mm Cruciform Screwdriver Shaft, self-retaining
313.992	1.3 mm Cruciform Screwdriver Shaft, self-retaining
313.993	1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining
316.114.96	0.76 mm Drill Bit, Stryker J-latch, 44.5 mm, 2 ea.
316.235.96	1.0 mm Drill Bit, Stryker J-latch, 60 mm, 2 ea.
316.335.96	1.3 mm Drill Bit, Stryker J-latch, 65 mm, 2 ea.
317.235.96	1.1 mm Drill Bit, Stryker J-latch, 65 mm, 2 ea.
317.435.96	1.5 mm Drill Bit, Stryker J-latch, 85 mm, 2 ea.

Implants

400.526-	1.0 mm Titanium Cortex Screws, self-tapping
400.534	2 ea.: 6, 7, 8, 10, 12 and 14 mm
400.686-	1.3 mm Titanium Cortex Screws, self-tapping
400.694	2 ea.: 6, 7, 8, 10, 12 and 14 mm
400.808.96-	1.5 mm Titanium Cortex Screws, self-tapping
400.822.96	3 ea.: 8, 9, 10, 11, 12, 14, 16 and 18 mm
	2 ea.: 20 and 22 mm

Also available: Percutaneous Reduction Forceps Instrument Set (145.331) contains the same instruments as set (145.335), without implants.

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690.361 Periarticular Reduction Forceps Set Graphic Case

Instruments

398.226 Periarticular Reduction Forceps, medium
398.228 Periarticular Reduction Forceps, large
398.71 Spiked Disk, 2 ea.

Retractors—continued

Retractors (Hohmann-Style)

399.205 8 mm, 30° curved, left 399.206 8 mm, 30° curved, right



399.29 Humeral Head Retractor, 220 mm length



03.100.011 Spoon Retractor

medium, 268 mm



03.100.012 Spoon Retractor

large, 323 mm



03.100.013 Sciatic Nerve Retractor

190 mm working length



03.100.014 Sciatic Nerve Retractor

long, 290 mm working length



Prime.instruments@hotmail.com,zia@primeinstrumentintl.com +92-300-2621673,+92-313-5710887 Instruments and Implant

General Instruments and Implants

01.240.001 Screw Removal Set-continued

and suppose the straction Bolt, for 4,5 mm screws 209.501 Conical Extraction Device, for Threaded Washers 209.502 Conical Extraction Screw, for 1.5 mm and 2.0 mm Cortex Screws 209.503 Conical Extraction Screw, for 1.5 mm and 2.0 mm Cortex Screws 209.503 Conical Extraction Screw, for 1.5 mm and 3.5 mm Cortex Screws 209.504 Conical Extraction Screw, for 1.5 mm Screws 209.505 Conical Extraction Screw, for 1.5 mm Screws 209.507 Conical Extraction Screw, for 1.5 mm Screws 209.508 Conical Extraction Screw, for 1.5 mm Screws 209.508 Countersink, for 3.5 mm Cortex and 4.0 mm Concellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) 210.95 Handle, with mini quick coupling, stainless steel 210.99 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 211.01 Handle, with mini quick coupling 211.41 Large Handle with quick coupling, StarDrive, short 212.0 mm Screwdriver Blade, self-retaining, StarDrive, short 213.842 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 213.843 Solid Hexagonal Screwdriver, 4.0 mm width across flats, for removal of 7.3 mm Cannulated Screws 213.991 1.0 mm Cruciform Screwdriver Shaft, self-retaining 213.992 1.3 mm Cruciform Screwdriver Shaft, self-retaining 214.103 Small Hexagonal Screwdriver Shaft, self-retaining 215.11 StarDrive Screwdriver Shaft 216.12 StarDrive Screwdriver Shaft 217.12 Screwdriver Shaft 217.13 Screwdriver Shaft 218.14 Large Hexagonal Screwdriver Shaft 219.14 Earge Hexagonal Screwdriver Shaft 219.15 StarDrive Screwdriver Shaft 219.16 StarDrive Screwdriver Shaft 220 StarDrive Screwdriver Shaft 231.99 Small Universal Chuck with T-Handle 231.99 Small Universal Chuck with T-Handle 231.99 Small Universal Chuck with T-Handle 232.00 Small Universal Chuck with T-Handle 233.00 Small Universal Chuck with T-Handle 234.00 Small Universal Chuck with T-Handle 235.00 Small Universal Chuck with T-Handle 236.50 For booken screw removal 236.5		Instruments—continued
309.501 Conical Extraction Device, for Threaded Washers 309.510 Conical Extraction Screw, for 1.5 mm and 2.0 mm Cortex Screws 309.521 Conical Extraction Screw, for 2.7 mm and 3.5 mm Cortex Screws 309.521 Conical Extraction Screw for 3.5 mm Screws 309.531 Conical Extraction Screw, for Large Screws and 4.9 mm Bolts 310.89 Countersink, for 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) 310.95 Handle, with mini quick coupling, stainless steel 310.99 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 311.01 Handle, with mini quick coupling 311.431 Large Handle with quick coupling 313.822 1.3 mm Screwdriver Blade, Self-Retaining, StarDrive, short 313.832 1.5 mm Screwdriver Blade, self-retaining, StarDrive, short 313.832 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 313.931 3.931 3.931 3.931 3.932 3.1 mm Cruciform Screwdriver Shaft, self-retaining 313.993 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 314.03 5mall Hexagonal Screwdriver Shaft, self-retaining, quick coupling 314.116 StarDrive Screwdriver Shaft, 17.5, self-retaining, quick coupling, 165 mm 314.115 Large Hexagonal Screwdriver with T-Handle 314.15 Large Hexagonal Screwdriver Shaft, 3 self-retaining, quick coupling, 165 mm 314.415 Large Hexagonal Screwdriver Shaft, 3 self-retaining, quick coupling, 165 mm 314.416 Cannulated Driver, for Threaded Washers, for 3.0 mm Cannulated Screws 319.39 5harp Hook 319.39 5harp Hook 319.39 5harp Hook 319.30 5mall Universal Chuck with T-Handle 310 5mall Universal Chuck with T-Handle 311.50 5mall Universal Chuck with T-Handle 312.50 5mall Universal Chuck with T-Handle 313.65 5mall Universal Chuck with T-Handle 514.65 5mall Universal Chuck with T-Handle 515.65 5mall Universal Chuck with T-Handle 516.65 5mall Universal Chuck with T-Handle 517.65 5mall Universal Chuck with T-Handle 518.65 5mall Universal Chuck with T-Handle 519.65 5mall Universal Chuck with T-Handle 519.65 5mall Universal Chuck with T-Handle	309 490	
309.510 Conical Extraction Screw, for 1.5 mm and 2.0 mm Cortex Screws 309.520 Conical Extraction Screw, for 2.7 mm and 3.5 mm Cortex Screws 309.521 Conical Extraction Screw, for 2.7 mm and 3.5 mm Cortex Screws 309.532 Conical Extraction Screw, for Large Screws and 4.9 mm Bolts 310.89 Countersink, for 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) 310.95 Handle, with mini quick coupling, stainless steel 310.99 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 311.01 Handle, with mini quick coupling 313.822 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 313.832 I.5 mm Screwdriver Blade, Self-Retaining, StarDrive, short 313.832 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 313.832 3.0 Solid Hexagonal Screwdriver, 4.0 mm width across flats, for removal of 7.3 mm Cannulated Screws 313.991 1.3 mm Cruciform Screwdriver Shaft, self-retaining 313.992 1.3 mm Cruciform Screwdriver Shaft, self-retaining 314.03 Small Hexagonal Screwdriver Shaft, self-retaining 314.10 StarDrive Screwdriver Shaft, T15, self-retaining, quick coupling 314.11 Large Hexagonal Screwdriver Shaft 314.15 Large Hexagonal Screwdriver Shaft 314.451 Cannulated Driver, for Threaded Washers, for 3.0 mm Cannulated Screws 319.39 Sharp Hook 319.30 Small Universal Chuck with T-Handle 310.50 Small Universal Chuck with T-Handle		[200] [100] [201]
309.520 Conical Extraction Screw, for 2.7 mm and 3.5 mm Cortex Screws 309.521 Conical Extraction Screw for 3.5 mm Screws and 4.9 mm Bolts 310.89 Countersink, for 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) 310.95 Handle, with mini quick coupling, stainless steel 310.99 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 311.01 Handle, with mini quick coupling 313.822 1.3 mm Screwdriver Blade, Self-Retaining, StarDrive, short 313.832 1.5 mm Screwdriver Blade, self-retaining, StarDrive, short 313.842 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 313.99 3.0 lid Hexagonal Screwdriver, 4.0 mm width across flats, for removal of 7.3 mm Cannulated Screws 313.991 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 313.992 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 314.03 Small Hexagonal Screwdriver Shaft, 1.5, self-retaining, quick coupling 314.11 StarDrive Screwdriver Shaft, 1.15, self-retaining, quick coupling, 165 mm 314.13 Large Hexagonal Screwdriver with T-Handle 314.15 Large Hexagonal Screwdriver Shaft 314.465 Cannulated Driver, for Threaded Washers, for 3.0 mm Cannulated Screws 319.39 Sharp Hook 310.5 Small Universal Chuck with T-Handle 317.5 Small Universal Chuck with T-Handle 318.65 Small Universal Chuck with T-Handle 319.65 Narrow Screw Removal Pliers		
Conical Extraction Screw for 3.5 mm Screws 309.530 Conical Extraction Screw, for Large Screws and 4.9 mm Bolts 310.89 Countersink, for 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) Handle, with mini quick coupling, stainless steel 310.99 Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 111.01 Large Handle with quick coupling 311.431 Large Handle with quick coupling 313.822 1.3 mm Screwdriver Blade, Self-Retaining, StarDrive, short 313.832 1.5 mm Screwdriver Blade, self-retaining, StarDrive, short 313.842 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 313.99 1.0 mm Cruciform Screwdriver Shaft, self-retaining 313.991 1.0 mm Cruciform Screwdriver Shaft, self-retaining 313.992 1.3 mm Cruciform Screwdriver Shaft, self-retaining 313.993 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 314.103 Small Hexagonal Screwdriver Shaft, self-retaining, quick coupling 314.119 StarDrive Screwdriver Shaft, T15, self-retaining, quick coupling, 165 mm 314.110 Large Hexagonal Screwdriver with T-Handle 314.115 Large Hexagonal Screwdriver Shaft 314.451 2.4 mm StarDrive Screwdriver Shaft 314.465 Cannulated Driver, for Threaded Washers, for 3.0 mm Cannulated Screws 319.39 Sharp Hook 319.30 Small Universal Chuck with T-Handle 319.310 Narrow Screw Removal Pliers	7877070807084E	
Conical Extraction Screw, for Large Screws and 4.9 mm Bolts Countersink, for 3.5 mm Cortex and 4.0 mm Cancellous Bone Screws, for use with Handle (311.43) or T-Handle (311.44) 310.95 Handle, with mini quick coupling, stainless steel Countersink, for 4.5 mm Cortex and 6.5 mm Cancellous Bone Screws 311.01 Handle, with mini quick coupling 313.822 1.3 mm Screwdriver Blade, Self-Retaining, StarDrive, short 313.832 1.5 mm Screwdriver Blade, self-retaining, StarDrive, short 313.842 2.0 mm Screwdriver Blade, self-retaining, StarDrive, short 313.991 Solid Hexagonal Screwdriver, 4.0 mm width across flats, for removal of 7.3 mm Cannulated Screws 313.991 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 313.993 1.5 mm/2.0 mm Cruciform Screwdriver Shaft, self-retaining 314.116 StarDrive Screwdriver Shaft, T15, self-retaining, quick coupling 314.119 StarDrive Screwdriver Shaft, T25, self-retaining, quick coupling, 165 mm 314.13 Large Hexagonal Screwdriver Shaft 314.451 2.4 mm StarDrive Screwdriver Shaft 314.451 2.4 mm StarDrive Screwdriver Shaft 314.465 Cannulated Driver, for Threaded Washers, for 3.0 mm Cannulated Screws 319.39 Sharp Hook Conical Extraction Screw Small Universal Chuck with T-Handle 319.865 Narrow Screw Removal Pliers		[발생생활] : [10] :
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398.65 Forceps, for broken screw removal 398.651 Narrow Screw Removal Pliers	393.105	Small Universal Chuck with T-Handle
398.651 Narrow Screw Removal Pliers	398.65	
399.68 Hollow Gouge, for broken screw exposure, 205 mm length	398.651	
	399.68	Hollow Gouge, for broken screw exposure, 205 mm length

Also available: Spare Centering Pins (309.070-309.670)

General Instruments

Retractors—continued

Soft Tissue Spreader Retractors

03.400.004 35 mm, right 03.400.005 35 mm, left 03.400.010 75 mm, right 03.400.011 75 mm, left



Soft Tissue Spreader Trocars

03.400.024 35 mm **03.400.030** 75 mm



03.401.040 Delta Retractor



03.401.041 Delta Retractor, pointed



03.401.042 Bone Retractor, humeral head



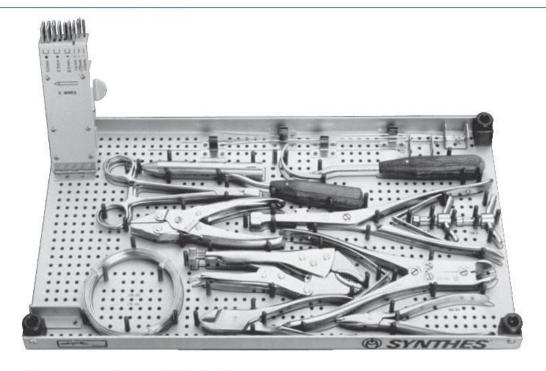
03.401.050 Ring Retractor



 $\begin{array}{lll} Prime.instruments@hotmail.com,zia@primeinstrumentintl.com\\ +92-300-2621673,+92-313-5710887 & 90 \end{array}$

PRIME Surgical International Wire Instrument and Implant Set Orthopediac Surgical Instruments

105.92 Wire Instrument and Implant Set



305.85 Wire Instrument and Implant Set Graphic Case With graphic outlines, autoclavable, perforated, complete with cover

Instruments

391.10	45 mm Wire Passer, standard
391.21	Wire Tightener, with handle and two pegs, 240 mm length
391.23	FASTIGHT Wire Tightener
391.80	Holding Forceps, 170 mm length, 2 ea.
391.82	Wire-Bending Pliers, 160 mm length
391.85	Flat-Nosed Parallel Pliers, 160 mm length
391.88	Locking Pliers, 180 mm length
391.90	Small Wire Cutter, 160 mm length
391.93	Wire Cutter, 220 mm length
	(전) 본 시간 중요 (시간) ((도) 전 전 시간 전 도요 (시간) 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전 전

291.01,	Cerclage Wires, with eye, 280 mm (10/pkg.)
291.02	1 pkg.: 1.0 mm

2 pkg.: 1.25 mm

291.05,	Cerclage Wire Coils, soft, 10 meters
291.06	1 ea.: 1.0 mm and 1.25 mm

Kirschner Wires, trocar point, 150 mm length (10/pkg.)

292.10	1.0 mm dia., 1 pkg.
292.12	1.25 mm dia., 1 pkg.
292.16	1.6 mm dia., 2 pkg.
292.20	2.0 mm dia., 1 pkg.
292.25	2.5 mm dia., 1 pkg.
292.30	3.0 mm dia., 1 pkg.

General Implants

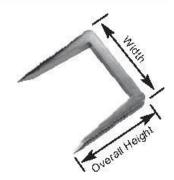
Bone Staples

Bone	Stap	les
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 Width
 Overall Height
 Thickness (measured at top)

 20 mm
 23 mm
 3 mm

 24
 25
 3



Cables

282.80

282.82

Orthopaedic Cable

1.0 mm Cable with Crimp, 750 mm

298.800.01S single pack, sterile

1.7 mm Cable with Crimp, 750 mm

298.801.015

single pack, sterile

298.801.10S 10-pack dispenser, sterile

498.800.015

1.0 mm Titanium Cable with Crimp (1/pkg.)

750 mm, sterile

498.8215

1.0 mm Titanium Needle Cable with Crimp

750 mm, sterile

611.105.015

1.7 mm CoCr Cable with Titanium Crimp (1/pkg.)

750 mm, sterile



Trochanteric Reattachment Devices

Titanium Trochanteric Reattachment Devices

with CoCr cables, sterile

498.806S standard



498.8075 long



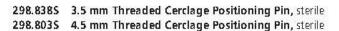
General Instruments and Implant

Cerclage Buttons and Pins

Cerclage Pins and Buttons

Used to maintain position of cable relative to plate hole

298.837S	3.5 mm	Cerclage	Positioning	Pin,	sterile
298.8395	4.5 mm	Cerclage	Positioning	Pin,	sterile



498.8375	3.5 mm	Titanium	Cerclage	Positioning	Pin,	sterile
408 830C	4.5 mm	Titanium	Carclana	Positioning	Pin	ctorilo

498.838S 3.5 mm Titanium Threaded Cerclage Positioning Pin, sterile
498.803S 4.5 mm Titanium Threaded Cerclage Positioning Pin, sterile

 $\begin{array}{lll} Prime.instruments@hotmail.com,zia@primeinstrumentintl.com\\ +92-300-2621673, +92-313-5710887 & 93 \end{array}$

General Implants

Cerclage Buttons and Pins—continued

02.221.005\$	5.0 mm Crimp Positioning Pin, sterile	
02.221.0065	7.3 mm Crimp Positioning Pin, sterile	00
04.221.005\$	5.0 mm Titanium Crimp Positioning Pin, sterile	1
02.221.0025	T15 StarDrive/2.5 mm Hex Cerclage Button, sterile	15/
02.221.003\$	T25 StarDrive/3.5 mm Hex Certlage Button, sterile	O
04.221.0025	T15 StarDrive/2.5 mm Hex Titanium Cerclage Button, sterile	
04.221.0035	T25 StarDrive/3.5 mm Hex Titanium Cerclage Button, sterile	
02.221.0045	Cannulated 4.0 mm Hex Cerclage Button	報
04.221.0045	Cannulated 4.0 mm Hex Titanium Cerclage Button	O

Cerclage Wires

Cerclage Wires

Cerclage Wires, with eye

(In packages of 10)

Diameter	Length
0.8 mm	280 mm
1.0	280
1.25	280
1.5	280
1.0 mm	600 mm
1.25	600
1.5	600
	0.8 mm 1.0 1.25 1.5 1.0 mm 1.25



Cerclage Wire Coils

	Diameter	Length
291.09	0.8 mm	10 meters
291.05	1.0	10
291.06	1.25	10
291.13	1.5	10



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Cerclage Wires—continued

Precut Cerclage Wires

Without eye, soft (In packages of 10)

	Diameter	Length
291.22	0.4 mm	150 mm
291.24	0.6	175
291.26	0.8	200
291.27	1.0	250
291.28	1.25	300

Note: See Metric Conversions page in front of catalog for wire gauge sizes.

Kirschner Wires

Kirschner Wires, trocar point

(In packages of 10)

	Diameter	Length		Diameter	reconstructor
292.06*	0.6 mm	70 mm		Diameter	Length
292.08*	0.8	70	292.20*	2.0 mm	150 mm
292.10	1.0	150	292.21	2.0	285
292.11	1.0	285	292.25	2.5	150
292.12	1.25	150	292.26	2.5	285
292.13	1.25	285	292.30	3.0	150
292.16	1.6	150	292.31	3.0	285
292.18	1.6	285			

^{*} Used especially for hand surgery

Titanium Kirschner Wires, trocar point

(In packages of 10)

	Diameter	Length
492.08	0.8 mm	70 mm
492.10	1.0	150
492.12	1.25	150
492.16	1.6	150
492.18	1.6	285
492.20	2.0	150
492.21	2.0	285
492.25	2.5	150
492.26	2.5	285
492.30	3.0	150
492.31	3.0	285

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General Implants

Kirschner Wires-continued

Kirschner Wires, trocar points on both ends

(In packages of 10)

	Diameter	Length
292.46	0.6 mm	70 mm
292.48	0.8	70
292.50	1.0	150
292.52	1.25	150
292.56	1.6	150
292.58	2.0	150

Kirschner Wires with Thread, trocar point

(In packages of 10)

	Diameter	Length	Thread Length	
292.73	1.6 mm	150 mm	15 mm	
292.79	2.0	150	15 <	1

Pelvic C-Clamps

02.306.006 Short Cannulated Nail for Pelvic C-Clamp II 02.306.007 Long Cannulated Nail for Pelvic C-Clamp II

Bone Levers

Malleable Bone Levers

	Length	Width
399.31	202 mm	8 mm
399.34	202 mm	10 mm



Bone Spreaders

Bone Spreaders

	Length	Width of Beak
398.93	140 mm	7 mm
399.10	210 mm	8 mm
399.13	270 mm	12 mm



Bone Spreaders

399.083	with 5.5 mm blade, small handle
399.097	with 8 mm blade, medium handle
399.125	with 12 mm blade, large handle



Bone Staple Inserter

385.80 Bone Staple Inserter

To insert Bone Staples (282.80, 282.82)



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Cable Crimper

391.882 Cable Crimper



Cable Passers

391.105 Medium Cable Passer



391.107 Large Cable Passer



391.103 Medium Cable Passer, curved



391.104 Large Cable Passer, curved



391.106 Medium Cable Passer, 45° angle



391.108 Large Cable Passer, 45° angle



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Cable Cutters

03.221.006 Cable Cutter with Trigger Handle

includes one blade

03.221.008 Blade for Cable Cutter



391.905 Cable Cutter, standard



General Instruments and Implants

391.906 Cable Cutter, large



General Instruments

PRIME Surgical International Orthopediac Surgical Instruments

Cable Tensioners

391.201 Cable Tensioner



391.202 **Slotted Nosepiece**

For cable tensioner



391.883 Attachment Bit

For Cable Tensioner (391.201)



391.884 **Provisional Tensioning Device**

For use with Cable Tensioner (391.201)



Chisels

399.54 Chisel Handle

Synthetic, autoclavable For use with Chisel Blades



Chisel Blades

For use with Chisel Handle, (399.54)

Blade width		Blade width
5 mm	399.56	16 mm
10 mm	399.57	25 mm
		5 mm 399.56



Chisel Blades, long Blade width

399.585	5 mm
399.555	10 mm
399.565	16 mm
399.575	25 mm

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Chisels—continued

Curved Chisel Blades

03.100.116 10 mm width 03.100.117 16 mm width 03.100.118 25 mm width

PHOTO NOT AVAILABLE

Chucks

393.105 Small Universal Chuck with T-Handle



393.10 Universal Chuck with T-Handle

For insertion of Steinmann pins and Schanz screws



310.75 Universal Chuck

For use with Hand Drill (591.00), opens to 6.0 mm



310.94 Quick Coupling Chuck

For use with Hand Drill (591.00)



Instruments and Implants

General Instruments

Chucks—continued

310.94J Quick Coupling Chuck

To convert Jacobs chuck drills to accept quick coupling drill bits



03.900.002

AO Coupling Extension Shaft



Clamps

398.60

Towel ClampFor paper drapes



Collinear Reduction Clamp Components

314.291 Sliding Mechanism

for Collinear Reduction Clamp



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General Instruments

Collinear Reduction Clamp Components—continued

398.752 Hohmann-Style Arm

183 mm, for Collinear Reduction Clamp



398.753 Pelvic Arm

225 mm, for Collinear Reduction Clamp



398.754 Percutaneous Arm

255 mm, for Collinear Reduction Clamp



398.756 Bone Hook-Shape Arm, 206 mm

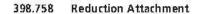


398.757 LCP Reduction Attachment



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Collinear Reduction Clamp Components—continued





Combined Aiming Device Components

333.35 Small Pointed Hook

For cruciate ligament

333.38 Offset Pointed Hook

For femoral neck

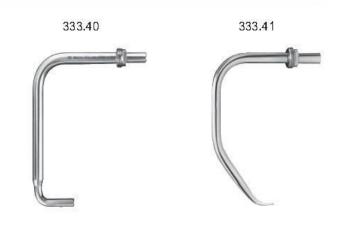


333.40 Hook

For external fixator

333.41 Large Hook

For knee



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Combined Aiming Device Components—continued

333.36 Locking Sleeve



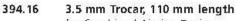
Drill Sleeves

for use with Combined Aiming Device

333.32	2.0 mm Drill Sleeve
333.33	3.2 mm Drill Sleeve
333.31	3.5 mm Drill Sleeve
	110 mm, for external fixator
333.34	4.5 mm Drill Sleeve

333.42 2.0 mm Drill Sleeve with two parallel holes

for Combined Aiming Device



for Combined Aiming Device





333.39 Forked Impactor

For Offset Pointed Hook (333.38)



To check the alignment of the drill guide to the hook



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General Instruments

Conical Extraction Screws

309.501 Conical Extraction Device for Threaded Washers

For use with 3.0 mm Cannulated Screw System



309.510	Conical Extraction Screw, for 1.5 mm and 2.0 mm Cortex Screws
309 520	Conical Extraction Screw, for 2.7 mm and 3.5 mm Cortex Screws

309.530 Conical Extraction Screw, for large screws and 4.9 mm bolts



387.34 Conical Extraction Screw

Cutters

391.90 Small Wire Cutter, 160 mm length

For use with Kirschner wires up to 1.5 mm dia.



391.94 Small Wire Cutter, 230 mm length

For use with Kirschner wires up to 1.25 mm dia.



391.91 Medium Wire Cutter

For wires up to 1.25 mm dia. 160 mm length



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Cutters—continued

391.93 Wire Cutter, 220 mm length

For use with Kirschner wires up to 2.5 mm dia.



Distractors

395.49 Medium Distractor



Components of the Medium Distractor

395.40 11.5 mm Threaded Spindle, 360 mm **395.41 11.5 mm Threaded Spindle,** 260 mm

395.42 Spindle Nut



Distractors—continued

395.43 Sliding Carriage



395.44 End Piece with Double Joint

395.45 Holding Sleeve, 45 mm



395.46 Holding Sleeve, 85 mm



Large Distractor and Instruments

394.35 Large Distractor

Complete

Accepts 4.5 mm, 5.0 mm or 6.0 mm Schanz Screws



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Distractors—continued

	Components of the Large Distractor	
394.40 394.41	14.0 mm Threaded Spindle, 480 mm length 14.0 mm Threaded Spindle, 330 mm length	
394.42	Spindle Nut	
394.43	Sliding Carriage	
394.44	End piece with double joint	
394.45 394.46	Holding Sleeve, 55 mm length Holding Sleeve, 105 mm length	

Drill Bits

310.37	Drill Bits 3.5 mm Drill Bit, quick coupling, 195 mm For 3.5 mm Cortex Screws, 3.5 mm Shaft Screws and predrilling for fixation pins	Quick Coupling	Jacobs chuc Coupling
310.21J	2.0 mm Drill Bit, Jacobs chuck, 110 mm For 2.0 mm and 2.7 mm Cortex Screws	5	
310.60J	6.0 mm Drill Bit, Jacobs chuck, 195 mm For Combined Aiming Device Set (130.30J)		

General Instrument

Drill Bits—continued

Cannulated Dr	ill Bits	
Diameter	Cannulation	Total Length
6.0 mm	2.7 mm	190 mm
7.0 mm	2.7 mm	190 mm
8.0 mm	2.7 mm	190 mm
9.0 mm	2.7 mm	190 mm
10.0 mm	2.7 mm	190 mm
11.0 mm	2.7 mm	190 mm
12.0 mm	2.7 mm	190 mm
	Diameter 6.0 mm 7.0 mm 8.0 mm 9.0 mm 10.0 mm	6.0 mm 2.7 mm 7.0 mm 2.7 mm 8.0 mm 2.7 mm 9.0 mm 2.7 mm 10.0 mm 2.7 mm 11.0 mm 2.7 mm



PRIME Surgical International Orthopediac Surgical Instruments

Drill Bits—continued

309.004S 4.0 mm Carbide Drill Bit, sterile 309.006S 6.0 mm Carbide Drill Bit, sterile



Drill Bit Extensions

03.607.104 4.0 mm Carbide Drill Bit Extension 03.607.106 6.0 mm Carbide Drill Bit Extension



Drill Sleeve Assemblies

395.923 6.0 mm/5.0 mm Threaded Drill Sleeve, 98 mm (long) 395.913 5.0 mm/3.5 mm Drill Sleeve, 107 mm (long)

394.182 3.5 mm Trocar, 118 mm (long)

355.89 6.0 mm/5.0 mm Drill Sleeve, 130 mm length For use with Curved Aiming Attachment (355.80)

355.88 5.0 mm/3.5 mm Drill Sleeve, 140 mm length For use with 6.0 mm/5.0 mm Drill Sleeve (355.89)

355.87 3.5 mm Trocar, 150 mm length For use with 5.0 mm/3.5 mm Drill Sleeve (355.88

Elevators

03.100.041	Periosteal Elevators, with 200 mm handle 6 mm width, curved blade
03.100.042	14 mm width, curved blade
03.100.043	14 mm width, straight blade
03.100.044	20 mm width, straight blade
399.32	Periosteal Elevators 13 mm width, straight blade, straight edge
399.37	14 mm width, straight blade, round edge
399.36	6 mm width, curved blade, round edge
399.38	20 mm width, straight blade, round edge
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Elevators—continued

Periosteal Elevators

399.33 13 mm width, curved blade, straight edge



399.35 14 mm width, curved blade, round edge



398.408 Freer Elevator, 195 mm



398.409 Scaphoid Elevator, 140 mm



Extraction Bolts for Screw Removal

Extraction Bolts

For removal of broken screws

With internal left-hand thread which bites into screw during unthreading Used with T-Handle, with quick coupling (311.44)

309.090	For 1.5 mm Cortex Screws
309.190	For 2.0 mm Cortex Screws
309.290	For 2.7 mm Cortex Screws and 3.0 mm Cannulated Screws
309.039	For 3.5 mm Cortex Screws, 4.0 mm Cancellous Bone Screws and 3.5 mm and 4.0 mm Cannulated Screws
309.490	For 4.5 mm Cortex Screws and 4.5 mm Cannulated Screws and 5.0 mm screws
309.069	For 6.5 mm Cancellous Bone Screws and 7.0 mm Cannulated Screws and 6.0 mm screws

Femoral Head Templates

	Femoral Head Te	mplates	
03.100.342	42 mm diameter		
03.100.344	44 mm diameter		
03.100.346	46 mm diameter		
03.100.348	48 mm diameter		
03.100.350	50 mm diameter		6
03.100.352	52 mm diameter		
03.100.354	54 mm diameter		0 3
03.100.356	56 mm diameter		
03.100.358	58 mm diameter	Prime.instruments@hotmail.com,zia@primeinst	trumentintl.com
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Forceps

Bone Holding Forceps

398.99A Bone Holding Forceps, angled, serrated jaw,

10 mm, 135 mm length, speed lock



398.99B Bone Holding Forceps, angled, serrated jaw,

10 mm, 190 mm length, speed lock



398.99C Bone Holding Forceps, straight, serrated jaw,

10 mm, 180 mm length, speed lock



398.99D Bone Holding Forceps, straight, serrated jaw,

15 mm, 220 mm length, speed lock



398.99E Bone Holding Forceps, straight, serrated jaw,

20 mm, 240 mm length, speed lock



398.99F Bone Holding Forceps, straight, serrated jaw,

27 mm, 260 mm length, speed lock



Forceps—continued

Self-Centering Bone Forceps with Speed Lock

398.79 For small fragments, 150 mm length,

serrated jaw, 9 mm



398.80	Size 0, 190 mm length,
	extra small serrated jaw, 10 mm

398.81 Size 1, 240 mm length, small serrated jaw, 14 mm

398.82 Size 2, 260 mm length, medium serrated jaw, 18 mm

398.83 Size 3, 280 mm length, large serrated jaw, 23 mm



Plate Holding Forceps with swivel foot

398.811	Size 0, 190 mm length
	Farmer with 2.7 mans and 2.5 mans plate.

For use with 2.7 mm and 3.5 mm plates

398.812 Size 1, 240 mm length For use with 3.5 mm plates

398.813 Size 2, 260 mm length

For use with 4.5 mm plates (narrow and broad)

398.814 Size 3, 280 mm length

For use with DHS®, DCS® and Angle Blade plates

398.819 150 mm length

For use with 1.5 mm to 2.4 mm plates



Forceps—continued

Periarticular Reduction Forceps

For minimally invasive reduction of intra- and periarticular fractures May be used with Spiked Disk (398.71)

398.226 Medium 398.228 Large



PRIME Surgical International

Orthopediac Surgical Instruments

398.71 Spiked Disk

For use with 398.54, 398.84-87, 398.73, 398.89, 398.226 and 398.228



398.76 Patella Forceps

175 mm length



Percutaneous Reduction Forceps and Components

399.002	Percutaneous Reduction Forceps, complete	
	Consists of (399.003-399.011):	
399 003	Percutaneous Reduction Forcess	



399.004 Trocar



399.005 Plastic Trocar



399.006	0.76 mm Drill Guid
399.007	1.0 mm Drill Guide
399.008	1.1 mm Drill Guide
399.009	1.3 mm Drill Guide
399.011	1.5 mm Drill Guide



Forceps—continued

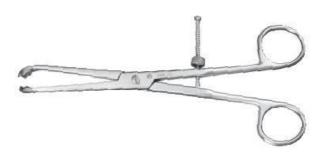
399.14 Straight Forceps

For fibula, 210 mm length



399.15 Bent Forceps

For fibula, 210 mm length



399.16 Holding Forceps

For tibial edge fragments, 210 mm length



399.17 Malleolar Forceps

With two points, 210 mm length



398.40 Reduction Forceps with points

Narrow, 132 mm length, ratchet



Forceps—continued

398.41 Reduction Forceps with points

Broad, 132 mm length, ratchet

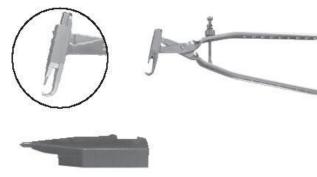


399.01 Reduction Fo	ceps with sliding jaws
---------------------	------------------------

140 mm length

399.02 Foot, for mini plates and larger fragments

399.03 Point, for small fragments





399.02



399.051 Reduction Forceps with narrow jaws

240 mm length, speed lock (replaces 399.05)

399.06 **Reduction Forceps**

180 mm length, speed lock



Reduction Forceps with points

399.77 Speed Lock, 130 mm length 399.78

Speed Lock, 205 mm length



General Instruments

Forceps—continued

Reduction Forceps with serrated jaw

399.79 Speed Lock, 132 mm length

PHOTO NOT AVAILABLE

Bone Holding Forceps

399.081	For plates to 7 mm wide
399.121	For plates to 14 mm wide
399.122	For plates to 19 mm wide
399.123	For plates to 22 mm wide



399.085 Patella Forceps



399.092 Reduction Forceps

with points, medium handle



Reduction Forceps

399.098 with serrated jaw, medium handle399.124 with serrated jaw, large handle



PRIME Surgical International Orthopediac Surgical Instruments

Interchangeable Gouges, Chisels, and Bone Impactors—continued

	Interchangeable Chisels	
	For use with Handle (397.70)	
397.96	Straight, 4 mm blade width	
397.97	Straight, 8 mm blade width	15, 165 as 105 @
397.91	Straight, 16 mm blade width	⊕ 307.91
397.99	Straight, 20 mm blade width	
397.93	Curved, 16 mm blade width	
	Gouges For use with Handle (397.70)	
397.81 397.82 397.83	Straight, 5 mm width Straight, 10 mm width Straight, 15 mm width	10 2.00 @
397.85 397.86	Curved, 5 mm width Curved, 10 mm width	

397.87

Curved, 15 mm width

Forceps—continued

03.900.011 Small Screw Removal Forceps



03.900.013 Large Screw Removal Forceps



398.65 Forceps for broken screw removal





391.80 Holding Forceps, 170 mm length For cerclage wires



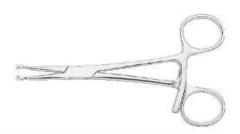
391.25 Long Forceps, 230 mm length For cerclage wires



Forceps—continued

391.885 Forceps

For use with Cerclage Buttons and Positioning Pins



03.400.000 Soft Tissue Spreader Forceps



Gauges

319.02 Gauge

For drill bits, screws, Kirschner wires and Steinmann pins



Gouges

	Gouges	
	For cancellous bone grafts, 250 mm length	
399.61	5 mm width, straight	1
399.62	10 mm width, straight (standard size)	
399.63	15 mm width, straight	9
399.65	5 mm width, curved	
399.66	10 mm width, curved	B.
399.67	15 mm width, curved	10

General Instruments

Gouges—continued

399.68 Hollow Gouge for broken screw exposure



Hammers

Hammers

399.50	Weight approx.	100 grams
399.41	Weight approx.	350 grams



399.42 Weight approx. 500 grams

Standard size

399.43 Weight approx. 700 grams



Handles

311.01

311.431

310.95 Handle with mini quick coupling, stainless steel

For use with Taps,

Countersinks and Screwdriver Shafts with mini quick coupling



Handle with mini quick coupling

For use with Taps, Countersinks, and Screwdriver Shafts with mini quick coupling



311.43 Handle with quick coupling, small

For use with Taps, Countersinks and Screwdriver Shafts with quick coupling

Large Handle with quick coupling



Hollow Reamers

	Hollow Reamers, complete
	To expose broken screws Cut counterclockwise Used with T-Handle, with quick coupling (311.44)
309.150	Hollow Reamer, complete, for 1.5 mm Cortex Screws (replaces 309.15)
309.070	Spare Centering Pin, for Hollow Reamer (309.150)
309.080	Spare Reamer Tube, for Hollow Reamer (309.150)
309.200	Hollow Reamer, complete, for 2.0 mm Cortex Screws (replaces 309.20)
309.170	Spare Centering Pin, for Hollow Reamer (309.200)
309.180	Spare Reamer Tube, for Hollow Reamer (309.200)
309.250	Hollow Reamer, complete, for 2.7 mm Cortex Screws (replaces 309.25)
309.270	Spare Centering Pin, for Hollow Reamer (309.250)
309.280	Spare Reamer Tube, for Hollow Reamer (309.250)
309.035	Hollow Reamer, complete, for 3.5 mm Cortex, 3.5 mm Cannulated and 4.0 mm Cancellous Bone Screws (replaces 309.35)
309.370	Spare Centering Pin, for Hollow Reamer (309.035)
309.038	Spare Reamer Tube, for Hollow Reamer (309.035)
309.450	Hollow Reamer, complete, for 4.5 mm Screws (replaces 309.45)
309.470	Spare Centering Pin, for Hollow Reamer (309.450)
309.480	Spare Reamer Tube, for Hollow Reamer (309.450)
309.065	Hollow Reamer, complete, for 6.5 mm Cancellous Bone and 7.0 mm Cannulated Screws (replaces 309.65)
309.670	Spare Centering Pin, for Hollow Reamer (309.065)
309.068	Spare Reamer Tube, for Hollow Reamer (309.065)

Hooks

03.900.001 Straight Sharp Hook



319.39 Sharp Hook

For checking alignment of fracture ends and removing ingrown tissue in screw heads



For tibia and pelvis, 230 mm length



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Impactors

391.919 Impactor



Interchangeable Gouges, Chisels, and Bone Impactors

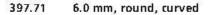
397.70 Handle for gouges and chisels, quick coupling

For use with 397.71 through 397.99



Cancellous Bone Impactors

For use with Handle (397.70)



397.72 6.0 mm, flat, curved



397.73 8.0 mm, round



397.74 6.0 mm x 16 mm, rectangular



397.75 10.0 mm x 20 mm, rectangular



397.76 10.0 mm x 30 mm, rectangular



Interchangeable Gouges, Chisels, and Bone Impactors—continued

Rasps

For use with Handle (397.70)

397.79 Round

397.80 Half-round



Large Distractor/Compressor

321.121 Large Distractor/Compressor

span 60 mm



Osteotomes

Osteotomes, 150 mm length

Width Width

399.80 2 mm 399.82 10 mm

399.81 5 mm

Straight Pelvic Osteotomes

03.100.300 15 mm blade width **03.100.301** 20 mm blade width



General Instruments

Osteotomes—continued

Angled Pelvic Osteotomes

03.100.302 15 mm blade width **03.100.303** 20 mm blade width



03.100.304 Short Angled Pelvic Osteotome, 15 mm blade width



Bayonette Pelvic Osteotomes

03.100.305 15 mm blade width **03.100.306** 20 mm blade width



03.100.307 Flag Pelvic Osteotome, 20 mm blade width



Curved Pelvic Osteotomes

03.100.038 15 mm blade width **03.100.039** 20 mm blade width



Pelvic Osteotomes

399.85 Osteotome, 15 mm blade width,

for periacetabular procedures

399.86 Osteotome, 20 mm blade width,

for periacetabular procedures



General Instrument and Implan Consists of items 03.306.000-.008 shown below



03.306.000 Inner Rail, for Pelvic C-Clamp II

03.306.001 Outer Rail, for Pelvic C-Clamp II





03.306.003 Lower Side Arm, for Pelvic C-Clamp II



03.306.008 Threaded Tube, for Pelvic C-Clamp II



03.306.009 2.5 mm K-Wire Insertion Handle



398.32 Socket Wrench with Hammer

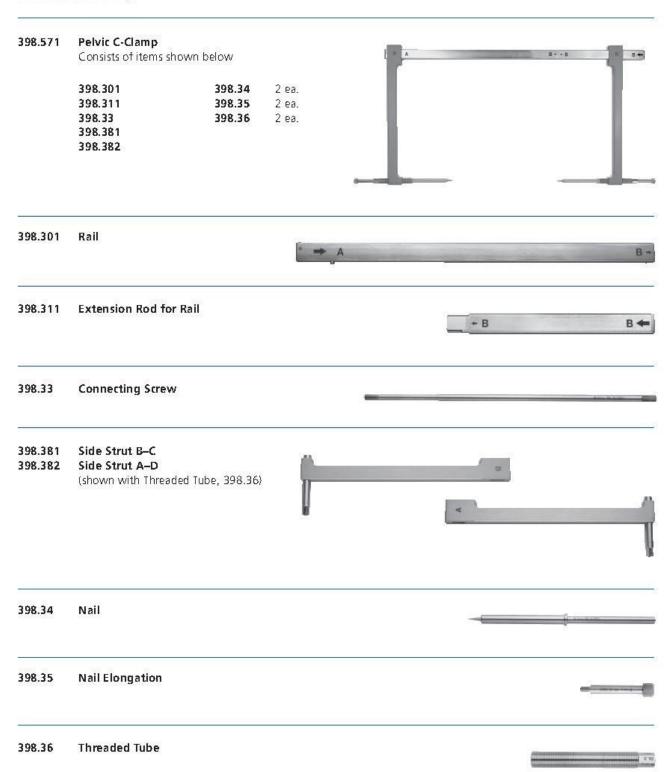


Genera Instrume and Impla

General Instruments

PRIME Surgical International Orthopediac Surgical Instruments

Pelvic C-Clamp



PRIME Surgical International Orthopediac Surgical Instruments

Pliers

391.82 Wire-Bending Pliers, 160 mm length

For bending/holding cerclage and Kirschner wires



391.85 Flat-Nosed Parallel Pliers, 160 mm length



391.88 Locking Pliers, 180 mm length

Maximum opening 34 mm dia.



398.651 Narrow Screw Removal Pliers



Protective Caps

Protective Caps for Kirschner wires (10/pkg.)

392.177 For 1.0 mm/1.25 mm Kirschner wires

392.178 For 1.6 mm Kirschner wires 392.179

For 2.0 mm Kirschner wires

Retractors

Retractors (Hohmann-Style)

399.18* 6 mm width, small, short narrow tip, 160 mm length



8 mm width, short narrow tip, 220 mm length 399.20** 18 mm width, short narrow tip, 235 mm length 399.21**



399.22 43 mm width, narrow tip, 240 mm length 399.23 70 mm width, narrow tip, 240 mm length



399.24 43 mm width, long shank, angled, 235 mm length



399.25 22 mm width, wide tip, 250 mm length



399.26 35 mm width, wide tip, 284 mm length



399.28 24 mm width, long wide tip, 270 mm length For hip surgery



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^{*} For Small Fragment Instrumentation

^{**}For Basic and Angled Blade Plate Instrumentation Prime.instruments@hotmail.com,zia@primeinstrumentintl.com 132



20-368¢	Wire Cutting Scissors 4 3/4" (12.1 cm), angled on side, one serrated blade, carbide, notch for cutting cerclage wire up to 1 mm
44-204C	DERRON Pin and Wire Side Cutter 8" (20.3 mm), cuts up to .062" (1.6 mm) hard wire, carbide
44-210C	DERRON Cannulated Pin and Wire End Cutter 7 1/2" (19.1 cm), cuts up 1/8" (3.2 mm) soft wire or .062" (1.6 mm) hard wire, carbide



44-212C	DERRON Pin and Wire Cutter 9" (22.9 cm), double action cuts up to 5/64" (2 mm) soft wire or 1/16" (1.6 mm) hard wide, carbide
44-216C	DIAMOND Pin and Wire End Cutter 6 1/2" (16.5 cm), cuts up to 5/64" (2 mm), hard wire, carbide
44-218C	DERRON Front and Side Pin and Wire Cutter 7" (17.8 cm), double action, cuts up to 5/64" (2 mm) soft wire or 1/16" (1.6mm), carbide
44-220	Flat Nose Pliers 5 1/2" (14 cm), 5 mm tips hold Steinman Pins and K-Wires



44-226	Needle Nose Pliers 5 1/2" (14 cm), jaws taper to 2 mm making it easier to remove K-Wires close to the bone		
44-228	Combination Pliers and Cerclage Wire Cutter 6 $1/2''$ (16.5 cm), side cutting blade, cuts 0.2 to 1.5 mm, jaws taper to 3.5 mm		
44-230C	DERRON Pin Puller 5 1/2" (14 cm), cross serrated carbide top jaw 1 cm in length and grooved cross serrated opposing jaw		
44-234	DERRON Wire Pulling Forceps 6 1/2" (16.5 cm), maximum cap. 1 mm		
56-2440	Wire Twister 6" (15.2 cm), carbide Prime.instruments@hotmail.com,zia@primeinstrumentintl.com		
56-246C	Wire Twister 8" (20.3 cm), carbide +92-300-2621673,+92-313-5710887		



44-380	GERZOG Mallet 7 1/2" (19.1 cm), head 8 oz. (227 g) lead filled with stainless jacket
44-382	LUCAE Mallet 7 3/4" (19.7 cm), head 9 oz. (255 g) solid stainless
44-384	DERRON Mallet 7 1/2" (19.1 cm), lightweight 7.5 oz. (213 g), stainless head 1" (2.5 cm) dia. With 2 replaceable nylon caps
44-386	DERRON Mallet 7 $1/2''$ (19.1 cm), 9 oz. (255 g) stainless head $1''$ (2.5 cm) dia. with one stainless face and one replaceable nylon cap
44-388	Nylon Cap Replacement for DERRON Mallets, Nos. 44-384 and 44-386
44-390	MEAD Mallet 7 1/2" (19.1 cm), head 8 oz. (227 g) with two replaceable nylon caps
44-392	Nylon Cap Replacement for Mead Mallet no. 44-390

 $\begin{array}{lll} & Prime.instruments@hotmail.com,zia@primeinstrumentintl.com\\ & +92\text{-}300\text{-}2621673,+92\text{-}313\text{-}5710887 \end{array}$

ORTHOPEDIC

PRIME Surgical International Orthopediac Surgical Instruments



CAMIDOLLE MINI 03 LEGIOMES			HOKE OF LOTOMES	SHEEHAN OSTEOTOWES			
	5" (12.7 cm)		5 1/2" (14 cm)	6 1/4" (15.9 cm), hexagon handle		andle	
	Width	Width	Width	1	Width		Width
	44-402 2 mm	3 18 mm	44-430 1/8" (.32 cm) 44-432 3/16" (.48 cm) 44-434 1/4" (.64 cm) 44-436 5/16" (.79 cm) 44-438 3/8" (.95 cm) 44-440 1/2" (1.3 cm)	30-120-4 30-120-6	4 mm	30-120-10 30-120-12 30-120-15	12 mm
	44-450 U.S. ARMY	Pattern Os	teotome 6 1/2" (16.5 cm), 6 mm wide				
	44-452 U.S. ARMY	Pattern Os	teotome 6 1/2" (16.5 cm), 12 mm wide				

44-454

U.S. ARMY Pattern Osteotome 6 1/2" (16.5 cm), 18 mm wide

ORTHOPEDIC



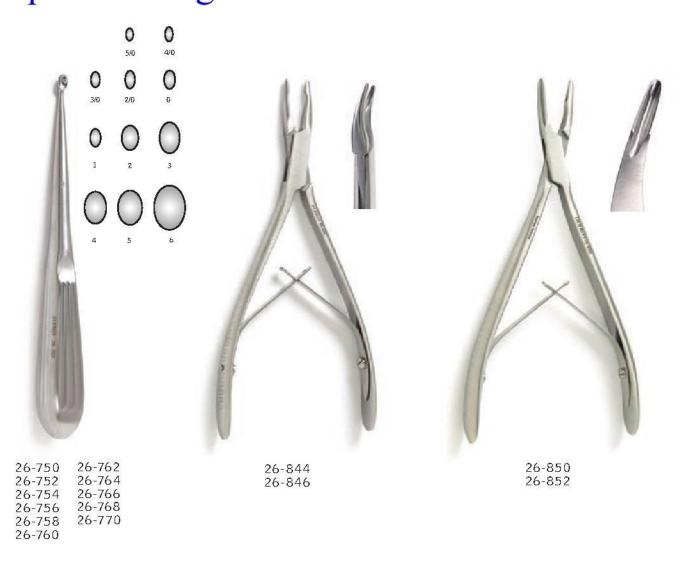
30-130-4	COTTLE Osteotome 7" (17.8 cm), 4 mm wide, rounded corners
30-130-7	COTTLE Osteotome 7" (17.8 cm), 7 mm wide, rounded corners
30-130-9	COTTLE Osteotome 7" (17.8 cm), 9 mm wide, rounded corners
30-130-12	COTTLE Osteotome 7" (17.8 cm), 12 mm wide, rounded corners
30-150-10	CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 10 mm cut
30-150-12	CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 12 mm cut
30-150-14	CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 14 mm cut
30-150-16	CINELLI Osteotome 6 1/2" (16.5 cm), with double guards, 16 mm cut

LAME	BOTTE JR. OS	TEOTOMES - 7"	(17.8 cm)	LAMBO	OTTE OSTEOTOMES - 9" (22.9 cm)
44-460 44-462 44-464 44-466	Width 4 mm 5 mm 6 mm 10 mm	44-468 44-470 44-472 44-474	Width 12 mm 16 mm 19 mm 22 mm	Straight 44-480 44-482 44-484 44-486 44-488 44-490	Width 6 mm (1/4") 13 mm (1/2") 19 mm (3/4") 25 mm (1") 32 mm (1 1/4") 38 mm (1 1/2")	Curved 44-500 44-502 44-504 44-506 44-508 44-510



44-650	LANGENBECK Periosteal Elevator 7 1/2" (19.1 cm), narrow pattern, 7 mm wide blunt blade
44-652	LANGENBECK Periosteal Elevator 7 1/2" (19.1 cm), wide patten, 17 mm sharp blade
44-660	SAYRE Elevator 6 3/4" (17.1 cm), one straight blunt and one curved sharp end
44-662	SAYRE Elevator 6 3/4" (17.1 cm), one straight blunt and one curved blunt end
44-670	MINI-HOHMANN Retractor 6 1/4" (15.9 cm), blade 6 mm wide
44-672	MINI-HOHMANN Retractor 6 1/4" (15.9 cm), blade 8 mm wide
44-680	HOHMANN Retractor 9 1/4" (23.5 cm), blade 10 mm wide
44-682	HOHMANN Retractor 9 1/4" (23.5 cm), blade 18 mm wide
44-684	HOHMANN Retractor 9 1/4" (23.5 cm), blade 25 mm wide
44-686	HOHMANN Retractor 9 1/4" (23.5 cm), blade 43 mm wide
44-720	VOLKMAN Double End Curettes 5" (12.7 cm), oval cups 5 x 10 mm and 6 x 20 mm
44-722	VOLKMAN Double End Curettes 5" (12.7 cm), oval cup 6 x 10 mm and round 7 mm dia.
44-724	VOLKMAN Double End Curettes 5" (12.7 cm), oval cup 8 x 14 mm and round cup 10 mm dia.

ORTHOPEDIC



	SPRATT (BR	UN) MASTOID	CURETTES 6 1/2" (16.5 cm), oval cups	
26-750	Size 5/0	26-762	Size 2	
26-752	Size 4/0	26-764	Size 3	
26-754	Size 3/0	26-766	Size 4	
26-756	Size 2/0	26-768	Size 5	
26-758	Size 0	26-770	Size 6	
26-760	Size 1			
26-844 26-846	Micro FREIDMAN Rongeur 5 1/2" (14 cm), straight, extra delicate 1.3 mm bite Micro FREIDMAN Rongeur 5 1/2" (14 cm), curved, extra delicate 1.3 mm bite			
26-850 26-852	LEMPERT Rongeur 6 1/4" (15.9 cm), straight, delicate 2.5 mm bite LEMPERT Rongeur 6 1/4" (15.9 cm), curved, delicate 2.5 mm bite			

ORTHOPEDIC

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26-854	BEYER Rongeur 7" (17.8 cm), double action, slightly curved jaws, 3.5 mm bite				
	RUSKIN RONGEURS, Double Action				
Straight		Curved			
44-860	6" (15.2 cm), long, 3 mm bite	44-862			
44-864	7 1/4"(18.4 cm), long, 3 mm bite	44-866			
44-868	7 1/4" (18.4 cm), long, 5 mm bite	44-870			
44-872	7 1/4" (18.4 cm), long, 7 mm bite	44-874			
42-142	LITTAUER-LISTON Bone Cutting Forceps 6" (15.2 cm), straight 20 mm blades				
	Prime instruments@hotmail.com zia@nrimeinstrumentintl.com				

ORTHOPEDIC



	LISTON BONE CUTTING FORCEPS				
Straight	Angled on flat				
44-920	5 1/2" (14 cm) 44-926				
44-922	7 1/2" (19.1 cm) 44-928				
44-924	8 1/2" (21.6 cm) 44-930				
44-936	RUSKIN Bone Cutting Forceps 6" (15.2 cm), straight				
44-938	RUSKIN Bone Cutting Forceps 6" (15.2 cm), angled on flat				
44-942	RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), straight				
44-944	RUSKIN Bone Cutting Forceps 7 1/2" (19.1 cm), angled on flat				
44-1000	KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, without ratchet				
44-1002	KERN Bone Holding Forceps 6" (15.2 cm), pediatric size, with ratchet				
44-1004	KERN Bone Holding Forceps 9 1/2" (24.1 cm), standard size, without ratchet				
44-1006	KERN Bone Holding Forceps 9 1/2" (24.1 cm), standard size, with ratchet				
44-2108	DERRON 3 Prong Cast Spreader 9" (22.9 cm), with spring action for one hand operation				

DERRON 3 Prong Cast Spreader 9" (22.9 cm), with spring action for one hand operation Prime.instruments@hotmail.com,zia@primeinstrumentintl.com +92-300-2621673,+92-313-5710887 142

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Drill Bits - Quick Coupling
6900-0-0002 1,1 mm/60 mm
6900-0-0003 1,5 mm/85 mm
6900-0-0004 1,5 mm/110/85 mm
6900-0-0005 2,0 mm/100 mm
6900-0-0006 2,0 mm/125 mm
6900-0-0007 2,5 mm/110 mm
6900-0-0008 2,5 mm/180 mm
6900-0-0009 2,7 mm/100 mm
6900-0-0010 2,7 mm/125 mm
6900-0-0011 3,2 mm/145 mm
6900-0-0012 3,2 mm/195 mm
6900-0-0013 3,5 mm/110 mm
6900-0-0014 3,5 mm/195 mm
6900-0-0015 4,5 mm/145 mm
6900-0-0016 4.5 mm/195 mm
6900-0-0017 3.5 mm/145 mm
6900-0-0018 5.0 mm/145 mm
6900-0-0019 2,7 mm/110 mm
Drill Bits - straight shaft
6900-0-0020 1,1 mm / 45 mm
6900-0-0021 1,5 mm / 70 mm
6900-0-0022 2,0 mm / 85 mm
6900-0-0023 2,5 mm / 95 mm
6900-0-0024 2,7 mm / 110 mm
6900-0-0025 3,2 mm / 130 mm
6900-0-0026 3,2 mm / 180 mm
6900-0-0027 3,5 mm / 110 mm
6900-0-0028 3,5 mm / 180 mm
6900-0-0029 4,5 mm / 130 mm
6900-0-0030 4,5 mm / 180 mm
6900-0-0031 6,5 mm / 150 mm
6900-0-0032 3,2 mm / 106 mm
6900-0-0038 4,0 mm / 120 mm
6900-0-0039 4,0 mm 180 mm
Drill Bits - three Flutes - Quick Coupling
6900-0-0035 2,5 mm / 230 mm
6900-0-0036 3,2 mm / 230 mm
6900-0-0037 4,5 mm / 195 mm
Countersinks - Quick Coupling
6900-0-0040 1,5 / 2,0 mm
6900-0-0041 2,7 / 3,5 / 4,0 mm
6900-0-0042 4,5 / 6,5 mm T-Handle
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PRIME Surgical International Orthopediac Surgical Instruments

No. 10.	
Taps - Quick Coupling 6900-0-0045 1,5 mm/50/20 mm (Dent	al)
6900-0-0046 2,0 mm/53/24 mm (Dent	
6900-0-0047 2,7 mm/100/33mm	逐步
6900-0-0048 3,5 mm/110/83 mm (TIN)
6900-0-0049 4,0 mm/110/47 mm	
6900-0-0050 4,5 mm/125/59 mm	
6900-0-0051 6,5 mm calibr./200/25 m	
6900-0-0052 3,5 mm calibr./175/50 m	
6900-0-0053 4,5 mm calibr./175/50 m	m
6900-0-0054 4,5 mm /125/70 mm	
6900-0-0055 4,5 mm /180/110 mm	
Insert Drill Sleeve	
6900-0-0060 2,5/3,5 mm	
6900-0-0061 4,5/3,2 mm	
6900-0-0075 6,0/5,0 mm	Name and Address of the Owner, where the Party of the Owner, where the Owner, which is the Owner,
6900-0-0076 5,0/4,0 mm	
6900-0-0077 4,0/3,0 mm	
Parallel Drill Sleeve	
6900-0-0062 2,0 mm	
2,0 11111	
Double Drill Sleeve	
6900-0-0063 1,1 / 1,5 mm	
6900-0-0064 1,5 / 2,0 mm	4
6900-0-0065 2,0 / 2,7 mm	
6900-0-0066 2,5 / 3,5 mm	
6900-0-0067 4,5 / 3,2 mm	
6900-0-0068 6,5 / 3,2 mm	*
Universal Drill Sleeve	
6900-0-0069 3,5 mm	
6900-0-0070 4,5 mm	
	SF .
Drill Guide - Neutral and Load	
6900-0-0071 2,7 mm	
6900-0-0072 3,5 mm	
6900-0-0073 4,5 mm	4
Pointed Drill Guide	*
6900-0-0079	
	,)
Mini Quick Coupling Handle	
6900-0-0080	

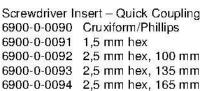
Mini, Bulb, Quick Coupling Handle 6900-0-0081

Small Quick Coupling Handle 6900-0-0082

T-Handle, small 6900-0-0083



T-Handle with Jacobs Chuck 6900-0-0084



6900-0-0095 3,5 mm hex, 100 mm 6900-0-0096 3,5 mm hex, 165 mm



Screw Drivers

6900-0-0104 1,5 mm hex 6900-0-0097 Philipps Head, 200 mm 6900-0-0098 for slotted head, 200 mm 6900-0-0099 for single head, 200 mm 6900-0-0100 2,5 mm hex, 210 mm

6900-0-0101 2,5 mm hex, 270 mm 6900-0-0102 3,5 mm hex, 245 mm 6900-0-0103 3,5 mm hex, 300 mm



Holding Sleeves (for screw size)

6900-0-0105 1,5 mm 6900-0-0106 2,0 mm 6900-0-0107 2,7/3,5 mm 6900-0-0108 3,5/4,0 mm 6900-0-0109 4,5/6,5 mm











A ... Phillips Head B... Slottted Head

C... Single Head D ...Hexagonal Head

PRIME Surgical International Orthopediac Surgical Instruments

Depth Gauges 6900-0-0156 30 mm with prot. cap 6900-0-0157 38 mm with prot. cap 6900-0-0158 50 mm 6900-0-0159 110 mm 6900-0-0160 120 mm Sharp Hook 6900-0-0201 Screw Holding Forceps 6900-0-0205 small 6900-0-0206 large Wrench SW 11 6900-0-0208 Socket Wrench SW 11 6900-0-0209 Ball Spike - straight - 300 mm 6900-0-0210 Spiked Disk, 25 mm 6900-0-0211 Quick coupling Adapter- Jakobs Chuck 6900 0 0212 Bending Iron for Mini Plates 6900-0-0165 Bending Iron for Small Plates 6900-0-0166 right 6900-0-0167 left

Control Contro

LANE Bone Holding Forceps 6900-1-0001 330 mm w/o ratchet 6900-1-0002 330 mm with ratchet 6900-1-0003 450 mm with ratchet

VERBRUGGE Self Centering bone Holding Forceps

6900-0-0122 150 mm

6900-0-0123 190 mm

6900-0-0124 240 mm

6900-0-0125 260 mm

6900-0-0126 280 mm

VERBRUGGE Bone Holding Forceps

6900-1-0004 250 mm

6900-1-0005 260 mm

6900-1-0006 270 mm

6900-1-0007 175 mm

LEWIN Bone Holding Forceps 6900-1-0008 190 mm

Reduction Forceps

6900-0-0130 narrow, w. point, 130 mm

6900-0-0131 broad, w. point, 130 mm

6900-0-0132 w. point, 130 mm

6900-0-0133 w. point, 205 mm

Stagbeetle Forceps 6900-0-0134 120 mm

Reduction Forceps w. serrated jaws 6900-0-0135 140 mm



Reduction Forceps, speed lock 6900-0-0136 170 mm 6900-0-0137 240 mm

FARABEUF Reduction Forceps 6900-0-0138 190mm 6900-0-0139 250 mm

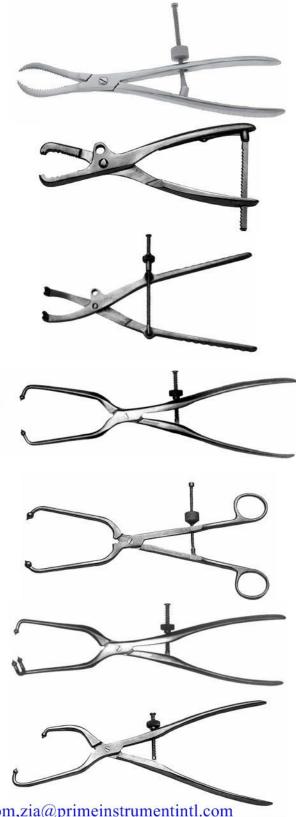
Reduction Forceps for use with screws 6900-0-0140 340 mm

6900-0-0141 200 mm, angled down 6900-0-0142 240mm, angled down 6900-0-0143 400 mm, straight

Reduction Forceps, pointed ball tips 6900-0-0145 250 mm, Ring-Handle

Reduction Forceps 3 pointed balls 6900-0-0144 400 mm

Reduction Forceps, Asymetric 6900-0-0146



SEMB Bone Holding Forceps 6900-1-0009 200 mm

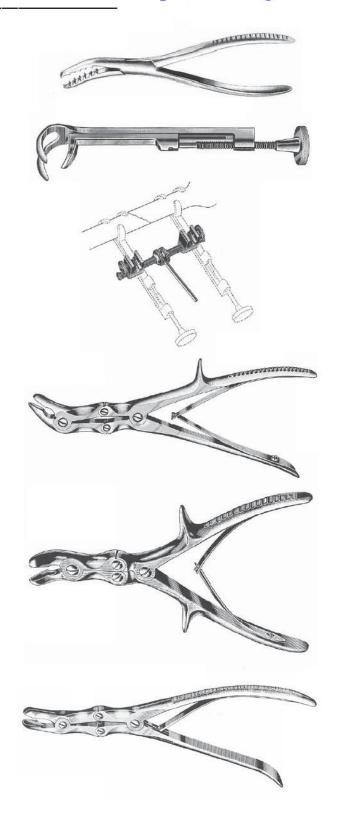
LOWMANN Bone Clamp 6900-1-0010 130 mm 6900-1-0011 185 mm 6900-1-0012 200 mm

GERSTER Bone Clamp 6900-1-0013

STILLE-LUER Bone Rongeur 6900-1-0014 230 mm

STILLE-LUER Bone Rongeur 6900-1-0015 260 mm straight 6900-1-0016 260 mm curved

LEKSELL-STILLE Bone Rongeur 6900-1-0017 230 mm broad 6900-1-0018 230 mm small



RUSKIN Bone Rongeur 6900-1-0019 180 mm, curved

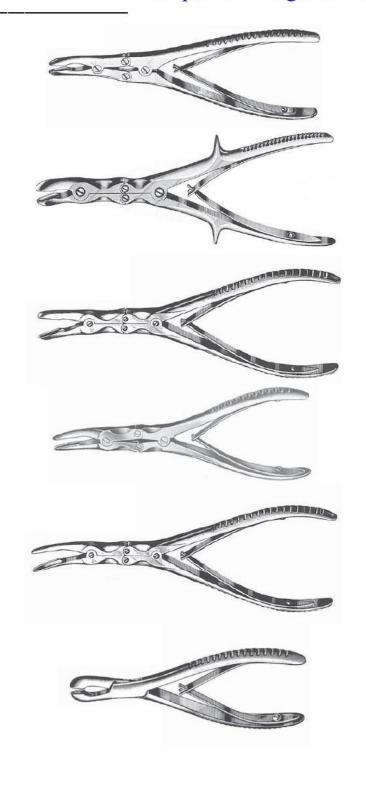
STILLE-RUSKIN Bone Rongeur 6900-1-0020 230 mm

ZAUFAL-JANSEN Bone Rongeur 6900-1-0021 190 mm

BÖHLER Bone Rongeur 6900-1-0022 150 mm, straight 6900-1-0023 150 mm, curved

BEYER Bone Rongeur 6900-1-0024 180 mm

LUER Bone Rongeur 6900-1-0025 straight 6900-1-0026 curved



LEMPERT Bone Rongeur 6900-1-0027 160 mm, straight 6900-1-0028 160 mm, curved

LEMPERT Bone Rongeur 6900-1-0029 190 mm, straight 6900-1-0030 190 mm curved

HOHMANN Bone Lever 6900-1-0033 8 mm 6900-1-0034 18 mm 6900-1-0035 43 mm 6900-1-0036 70 mm

HOHMANN Bone Lever 6900-1-0037 43 mm 6900-1-0038 22 mm

BENNETT Bone Lever 6900-1-0040

Bone Lever for Knee 6900-1-0041 270 mm

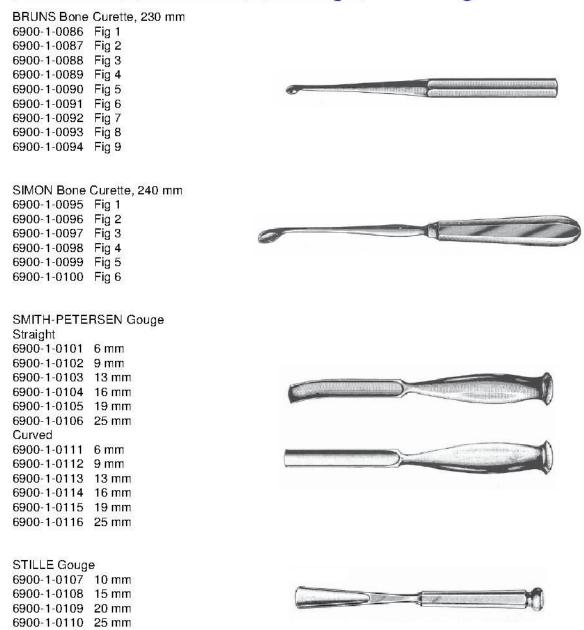
6900-1-0042 175 mm



6900-1-0085 44 mm

Mallet 6900-1-0044 500 gr Mallet 6900-1-0045 250 gr, 42 mm SMITH PETERSEN Bone Chisel straight 6900-1-0046 6 mm 6900-1-0047 9 mm 6900-1-0048 13 mm 6900-1-0049 16 mm 6900-1-0050 19 mm 6900-1-0051 25 mm 6900-1-0052 32 mm curved 6900-1-0053 6 mm 6900-1-0054 9 mm 6900-1-0055 13 mm 6900-1-0056 16 mm 6900-1-0057 19 mm 6900-1-0058 25 mm 6900-1-0059 32 mm STILLE Bone Chisels 6900-1-0060 10 mm 6900-1-0061 15 mm 6900-1-0062 20 mm 6900-1-0063 25 mm LAMBOTTE Mini bone Chisels 6900-1-0069 3 mm 6900-1-0070 6 mm 6900-1-0071 10 mm LAMBOTTE Bone Chisels Straight 6900-1-0072 6,5 mm 6900-1-0073 15 mm 6900-1-0074 20 mm 6900-1-0075 25 mm 6900-1-0076 30 mm 6900-1-0077 38 mm 6900-1-0078 44 mm Curved 6900-1-0079 6,5 mm 6900-1-0080 15 mm 6900-1-0081 20 mm 6900-1-0082 25 mm 6900-1-0083 30 mm 6900-1-0084 38 mm

PRIME Surgical International Orthopediac Surgical Instruments



	ouge, 170 mm		
Hollow			
6900-1-0117	2 mm		
6900-1-0118	3 mm		
6900-1-0119	4 mm		
6900-1-0120	5 mm		
6900-1-0121	6 mm		
6900-1-0122	7 mm		
6900-1-0123	8 mm		
Straight			
6900-1-0124	2 mm		
6900-1-0125	3 mm		
6900-1-0126			
6900-1-0127	5 mm		
6900-1-0128	6 mm		
6900-1-0129	11, 220220		
6900-1-0130	8 mm		
SEMB Elevat			
6900-1-0131	175 mm		
6900-1-0132			
6900-1-0134			
6900-1-0135			
	205 mm straight		
6900-1-0137	205 mm curved		
Periosteal Elevators			
6900-1-0140	14 mm		
6900-1-0141			
6900-1-0142	20 mm		
6900-1-0143			
6900-1-0144	6mm		
Maria Maria Maria Maria	20		
Mini LEXER Gouge, 180 mm			
straight			
6900-1-0153			
6900-1-0154			
6900-1-0155	8 mm		
hollow		The state of the s	
6900-1-0156			
6900-1-0157			
6900-1-0158	8 mm		



PRIME Surgical International Orthopedic Instruments Orthopediac Surgical Instruments

PUTTI Raspatory 6900-1-0193 270 mm 6900-1-0194 300 mm WILLINGER Raspatory 160 mm 6900-1-0212



STILLE Plaster Shear 6900-1-0200 240 mm 6900-1-0201 230 mm 6900-1-0202 260 mm 6900-1-0203 370 mm



HENNIG Plaster Spreader 280 mm 6900-1-0207

WIGMORE Plaster Saw 6900-1-0204 190 mm



ENGEL Plaster Saw 6900-1-0205



BERGMANN Plaster Saw 6900-1-0206

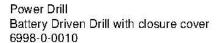
Electronic Plaster Saw 9999-0-0001 230V~/50 Hz 5 m cable with EURO plug 9999-0-0002 110V~/50 Hz 3 m cable with US plug

500 Watts
6500 – 24000 oscillations
ininitifely variable
complete with carton
1 pc. Sawblade 50 mm for normal plaster
1 pc. Sawbalde 65 mm for normal plaster
1 pair wrenches for saw blade changing
1 instruction manual



Power Vac 9999-0-0003 230V~/50 Hz 5 m cable with EURO plug 9999-0-0004 110V~/50 Hz 3 m cable with US plug

antistatic hose adjustable suction power activation/deactivation by power switch of plaster saw 3 sec. Deferred activation particle size min. 0,3 microns



Voltage: 9,6V Rated capacitiy of battery: 1,2 Ah Speed: 630 rev/min Max torque: 6,5 Nm Weight incl. Battery: 1250 grams Motor output: 70W

Motor output: 70W Type as per guideline of: EN 60601-1-2:1993 EN 60601-1:1990 and A1:1993 and A2:1995 MED.UMW

Protection type: IP66 Power Drill Battery 6998-0-0011

Ni MH (nickel metal hydird) Under normal level: 1,2V – 1250 mAh - 125 mA – 16 h Under high loads: 1250 mA – 1,2 h

Power Drill Charger for 2 Batteries 6998-0-0012 220 V~/50 Hz

Rated voltage: 230 V
Rated frequency: 50 Hz
Rated input: 14 VA
Rated output voltage: 12 V
Rated output current: 1100 mA max.
Protection class: II
Protection type as per DIN EN 529: IPX0









PRIME Surgical International Orthopediac Surgical Instruments

Air Drill 6998-0-0005

without picture: 6998-0-0006 Air Hose 3 m 6998-0-0007 Air Hose 5 m

Power Drill Jacobs Chuck up to 7,0 mm round and triangular shanks with chuck key 6998-0-0021

Power Drill Quick Action Chuck for drill wires 0,8 mm - 3,0 mm 6998-0-0022

Power Drill Adaptor for AO/AESCULAP Attachements 6998-0-0023

Power drill Adaptor for DIN Attachements 6998-0-0024

Power Drill Chuck for acetabular and intramedullary reaming (100 r/min) 6998-0-0025

Power Drill oscillating saw standard connection for AO saw blades 6998-0-0026



Sleeve for K-wires 6998-0-0027

PRIME Surgical International Orthopediac Surgical Instruments

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0100 90,0/13,0/1,27/1,37

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0101 90,0/13,0/0,89/1,0

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0102 90,0/19005/1,27/1,37

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0103 90,0/25,4/1,47/1,47

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0104 90,0/25,4/1,19/1,19

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0105 90,0/25,4/0,89/1,0

Saw Blades SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0106 90,0/25,4/1,0/1,0

Saggital Saw Blades for Hip / crossed SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

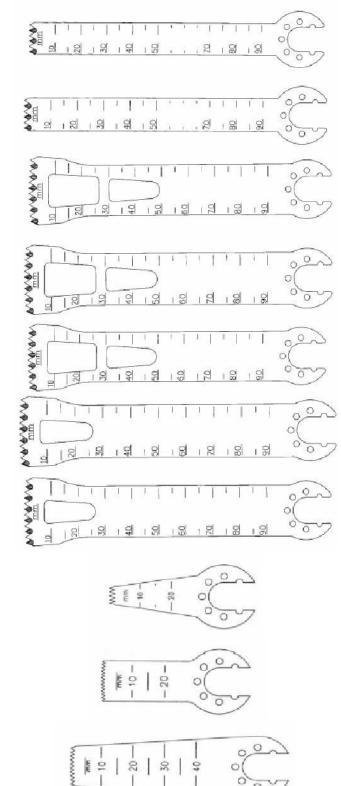
6999-9-0110 27,0/6,0/0,4/0,6

Saggital Saw Blades for Hip / crossed SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0111 23,0/14,0/0,4/0,58

Saggital Saw Blades for Hip / crossed SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0112 48,0/14,0/0,4/0,66



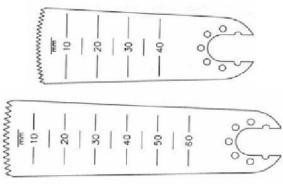
PRIME Surgical International Orthopediac Surgical Instruments

Saggital Saw Blades for Hip / crossed SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0113 48,0/27,0/0,4/0,66

Saggital Saw Blades for Hip / crossed SYNTHES/AO/SODEM (Depth/Width/Mat.Thickness/Cut.Thickness) in mm

6999-9-0114 68,0/27,0/0,6/0,81







Fingerring Cutter 6900-1-0320



Lead Hand 6900-1-0213 for adults 6900-1-0214 for children

GIGLI Handle 1000-0-0053

GIGLI Wire Saw 1000-0-0055 300 mm 1000-0-0056 400 mm 1000-0-0057 500 mm 1000-0-0058 600 mm

1000-0-0059 700 mm



Cutting Wheel for Bone Mill 6998-0-1001 4,0 mm 6998-0-1002 3,0 mm

Fixation Device for bone Mill 6998-0-1003

Instrument Maintenance Spray NEODISHER IP Spray 6999-0-0040



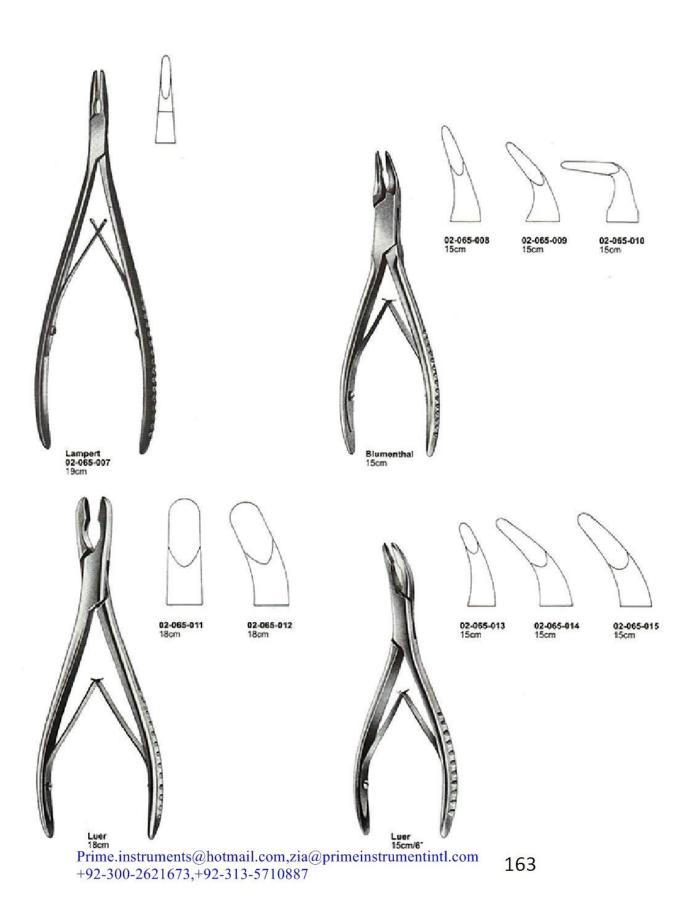


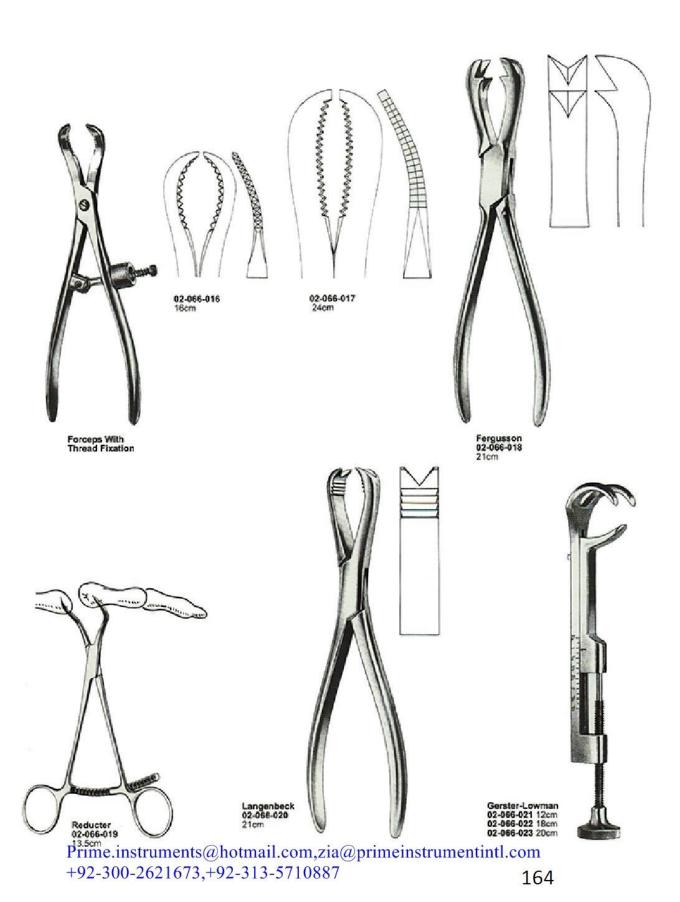


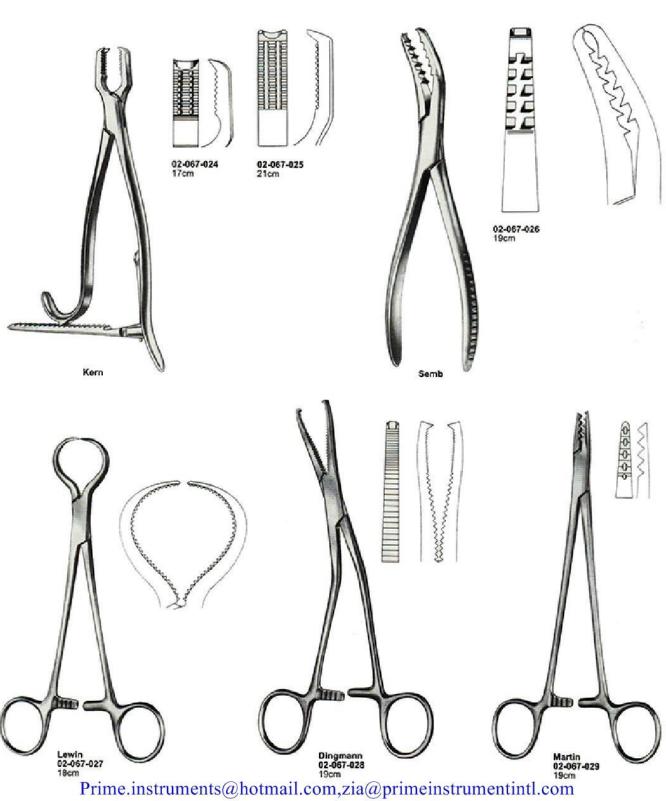
without picture



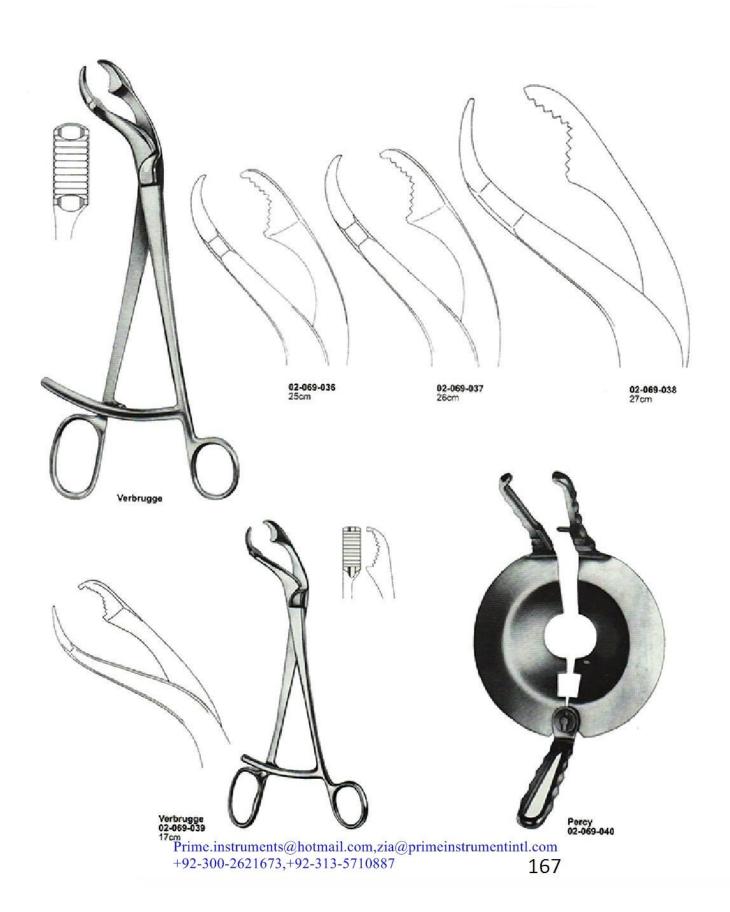
 $\begin{array}{l} \text{Prime.instruments@hotmail.com,zia@primeinstrumentintl.com} \\ +92\text{-}300\text{-}2621673, +92\text{-}313\text{-}5710887} \\ \textbf{162} \end{array}$

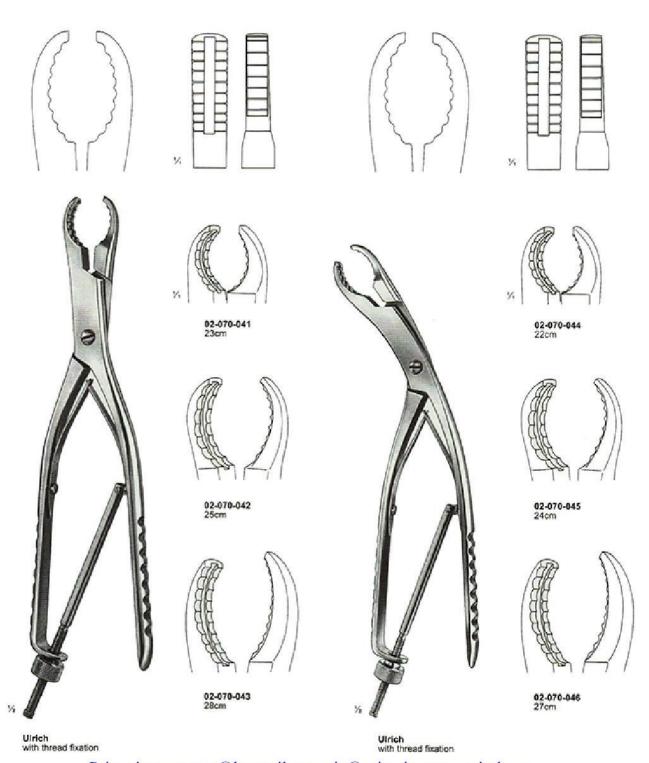




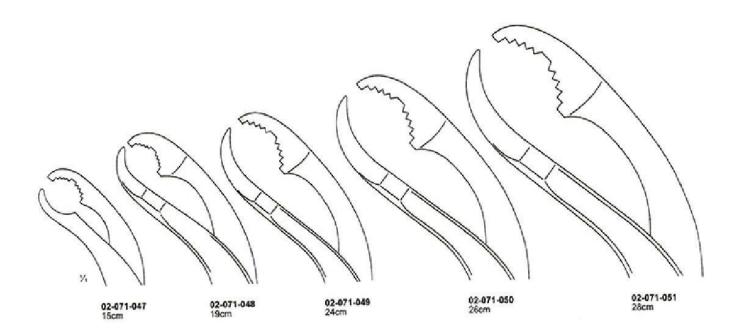






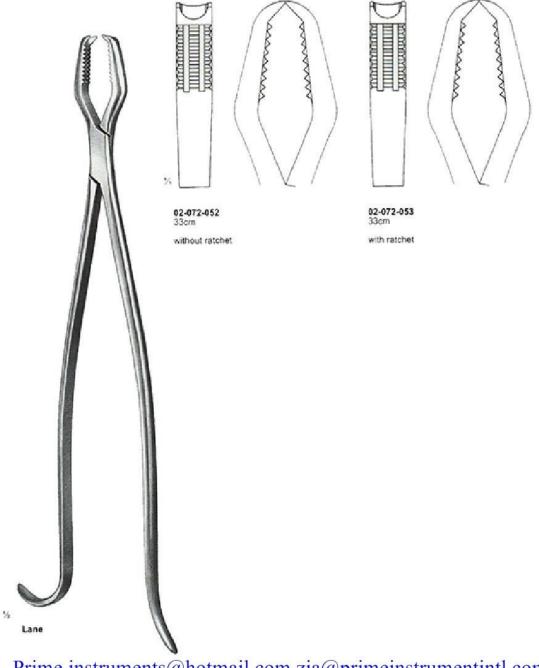


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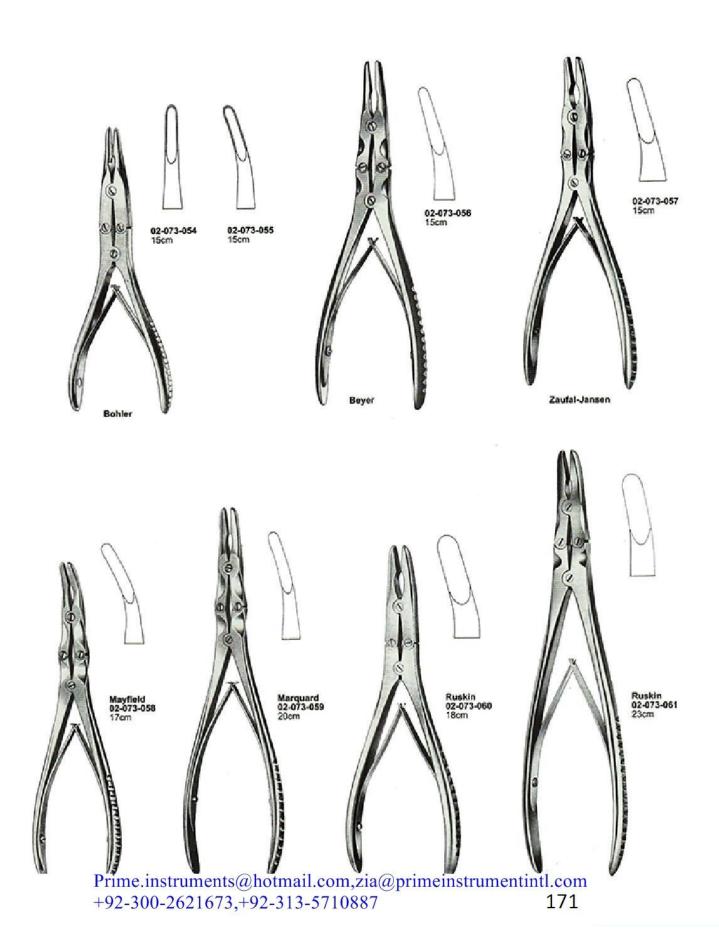


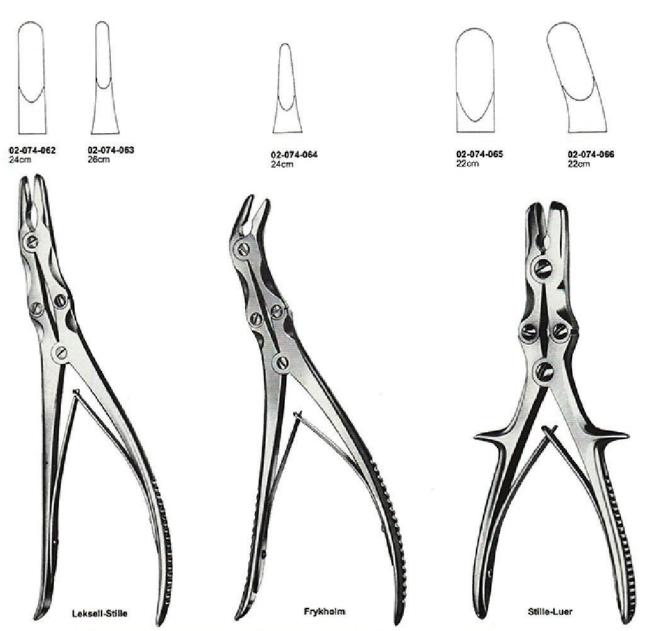


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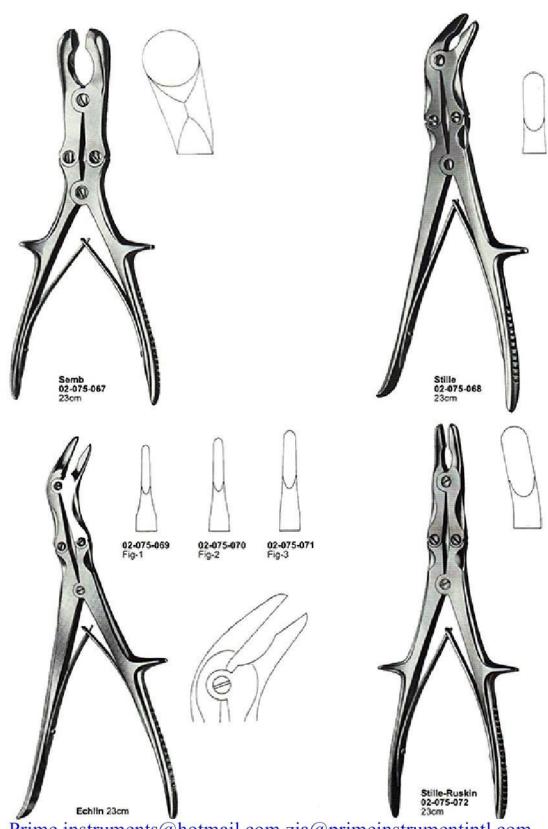


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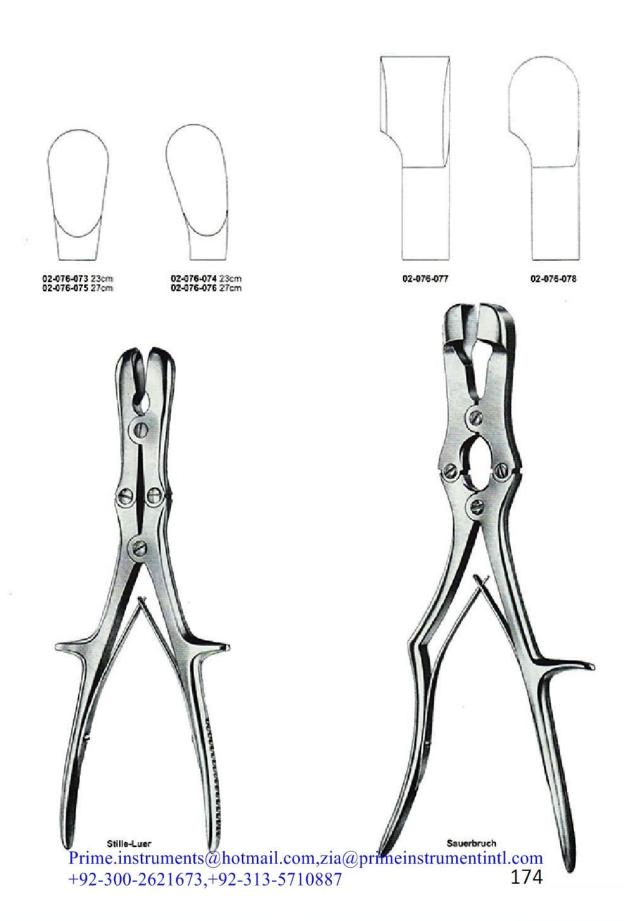


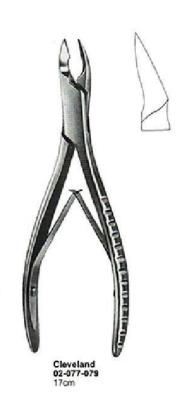


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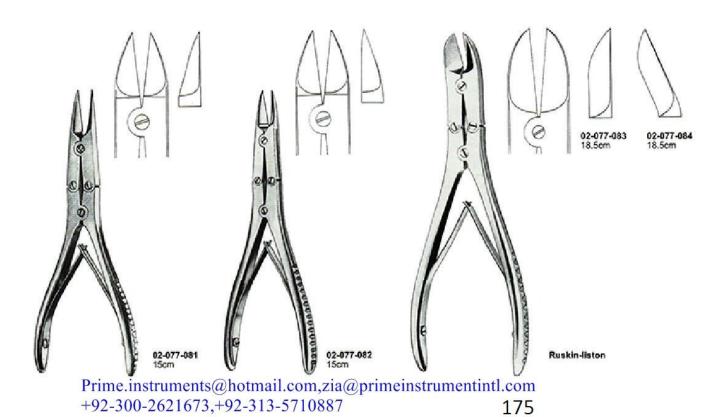


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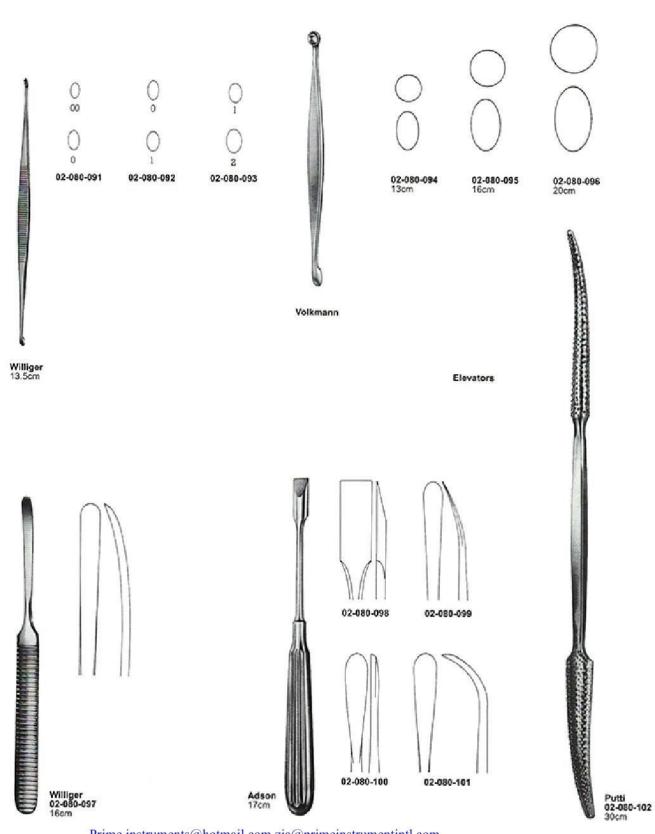


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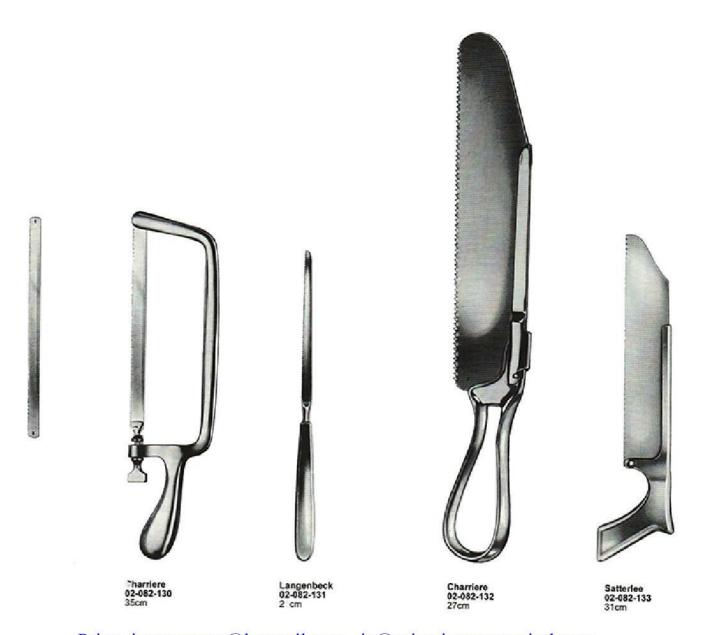


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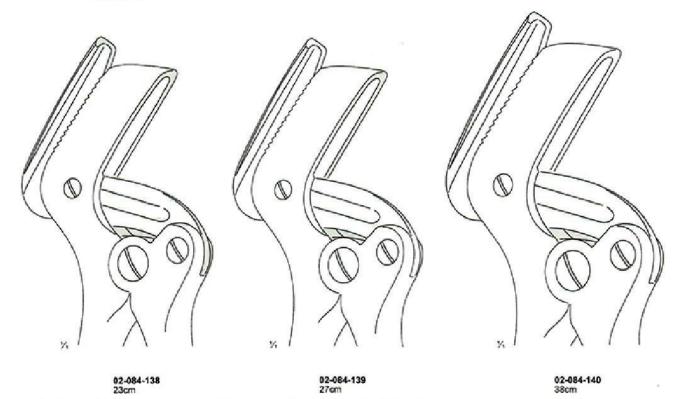
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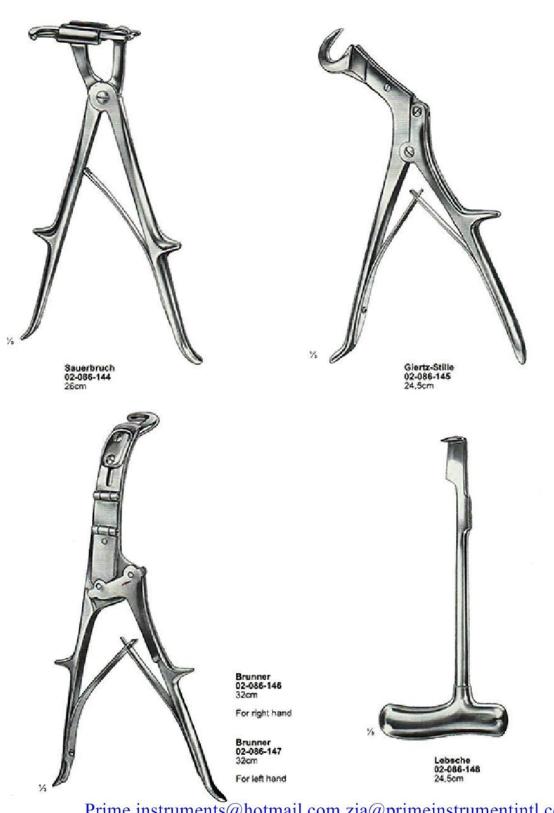
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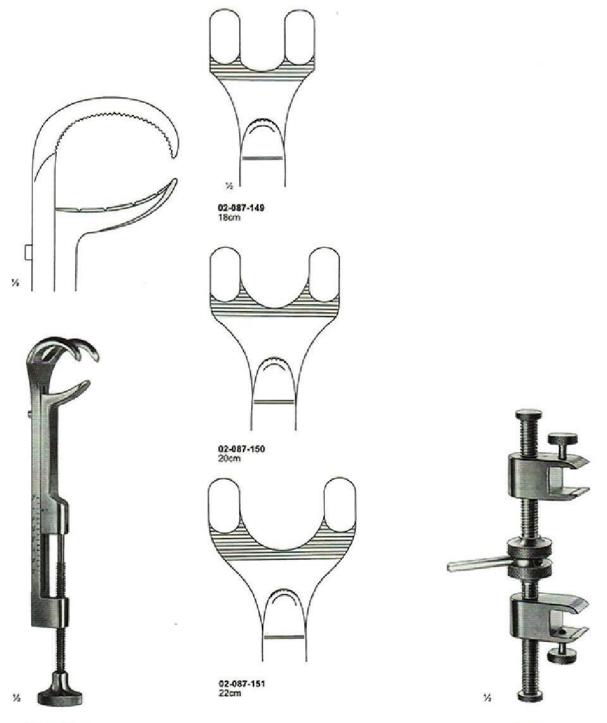
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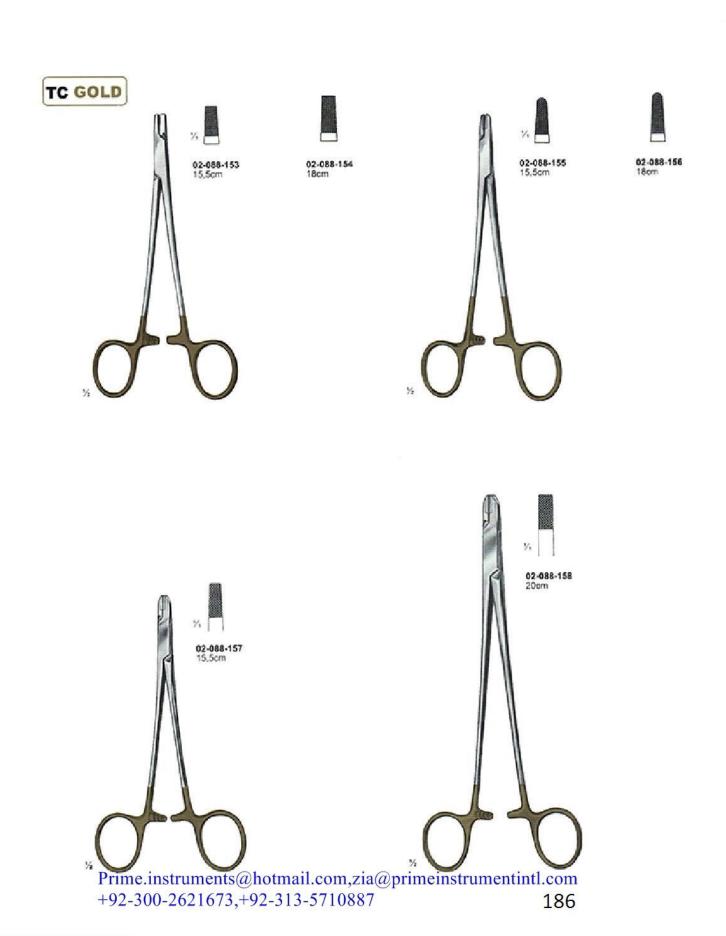
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Gerster-Lowman

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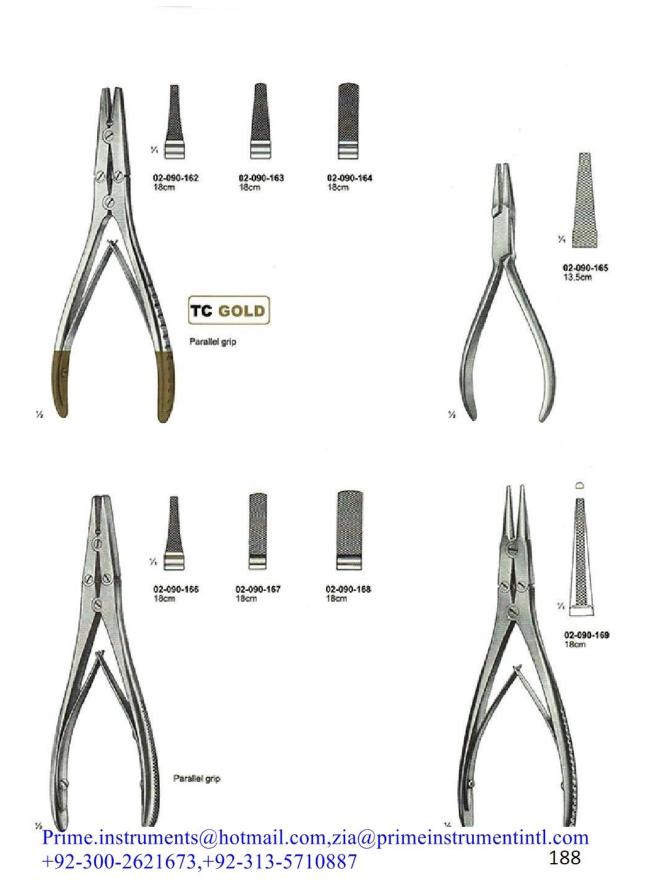
Gerster 02-087-152







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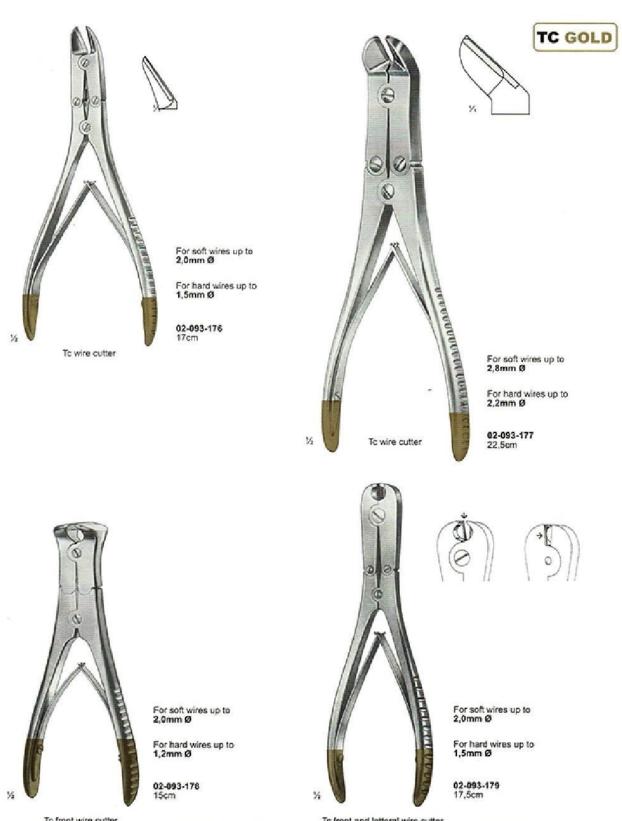




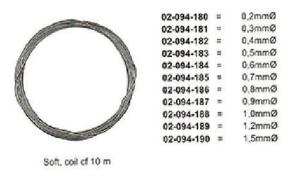
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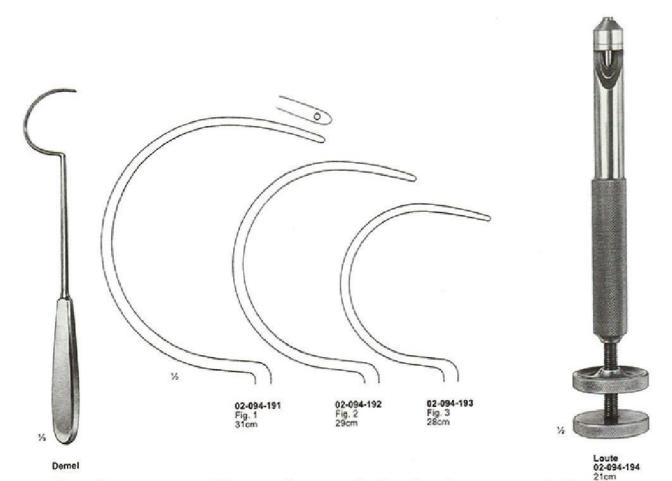


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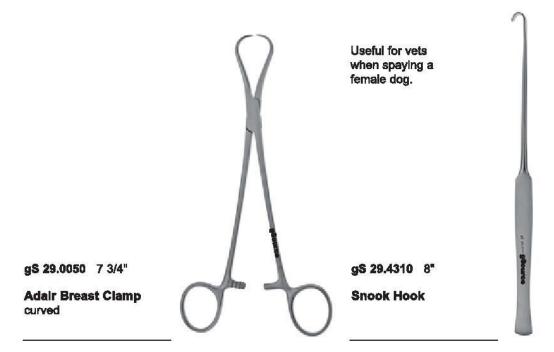


 $\begin{array}{lll} & \text{Tc front wire cutter} \\ & \text{Prime.instruments@hotmail.com,} \\ & \text{zia@primeinstrumentintl.com} \\ & +92\text{-}300\text{-}2621673,} \\ & +92\text{-}313\text{-}5710887 \end{array}$





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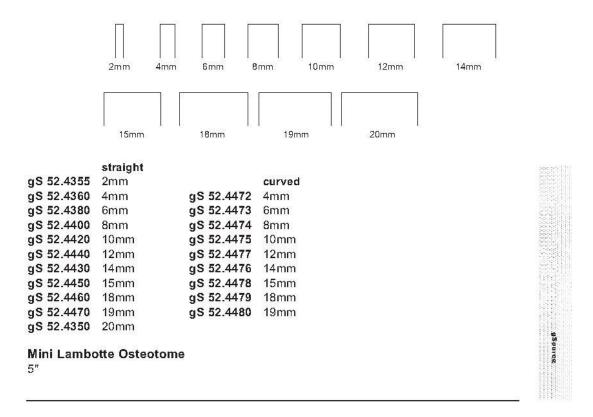


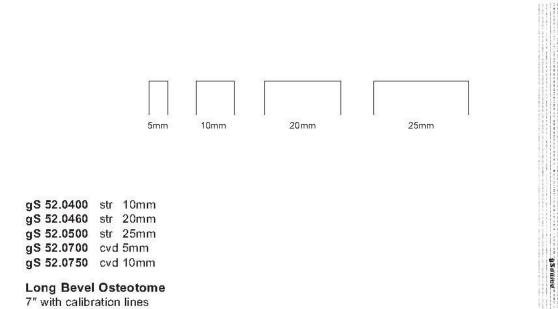
A myoma is a benign tumor of muscular tissue. The Doyen Myoma Screw, shown on this page, is used to stabilize and manipulate non-degenerating myomas, fibroids, or other tissues intended for removal during laparoscopic procedures.

g\$ 29.0675 6 3/4"

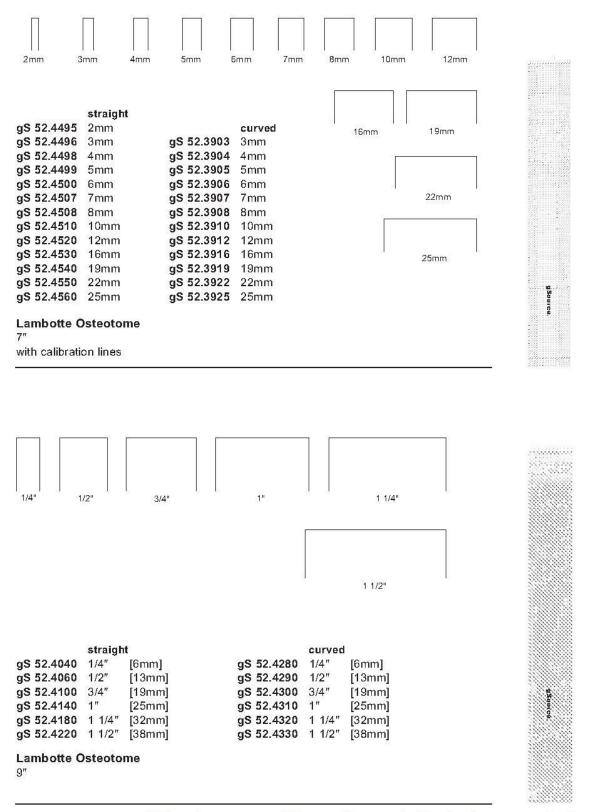
Doyen Myoma Screw with T-Handle

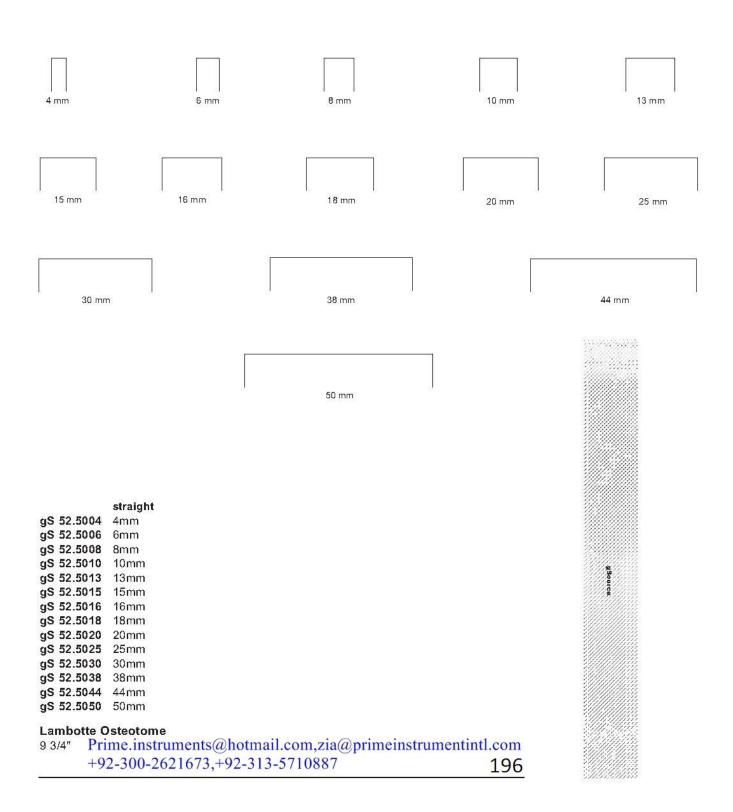
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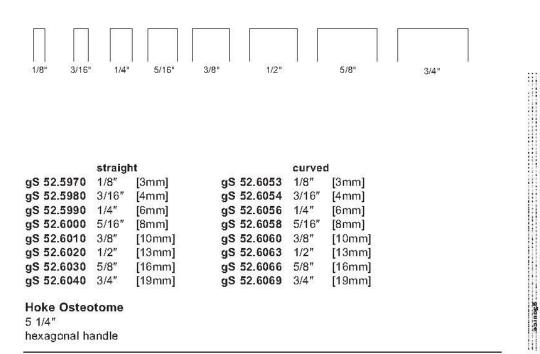


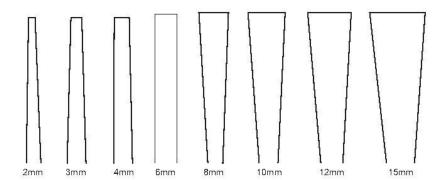


long bevelled cutting end







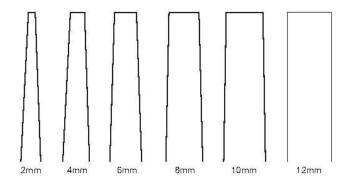


gS 52.3680 2mm gS 52.3690 3mm gS 52.3700 4mm gS 52.3720 6mm gS 52.3740 8mm gS 52.3760 10mm gS 52.3780 12mm gS 52.3800 15mm

Sheehan Osteotome

6 1/4", straight

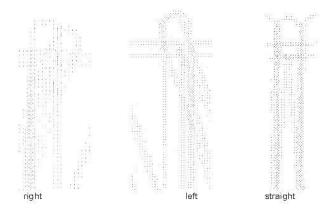
hexagonal handle, with cross serrations on handle end



gS 52.4902 2mm gS 52.4904 4mm gS 52.4906 6mm gS 52.4908 8mm gS 52.4910 10mm gS 52.4912 12mm

Converse Osteotome

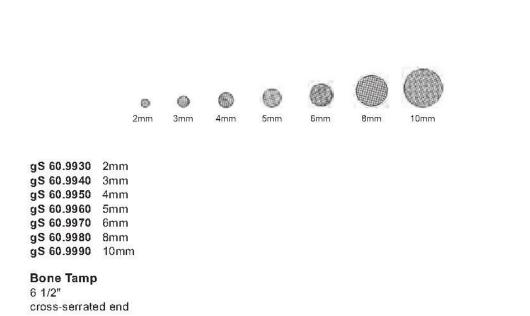
7" straight



gS 52.1220 8" curved right guard gS 52.1222 8" curved left guard gS 52.1318 8" straight with guard

Anderson-Neivert Osteotome single guard

4mm





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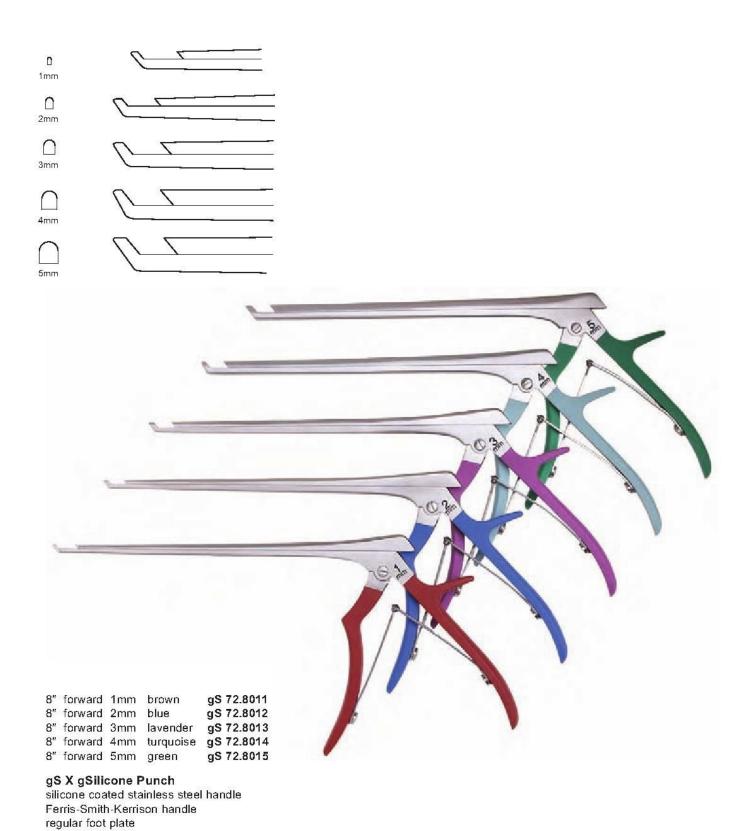
Get a sure grip with the gSilicone Punch.

- Biocompatible silicone coated handles help to prevent slippage and provide a secure and comfortable grip.
- · Made from German stainless steel with silicone coated handles.
- · Colored handles provide easy bite size recognition.
- Available in five standard colors according to bite size (brown, blue, lavender, turquoise, green)
 or custom colors of your choice.
- Silicone has excellent resistance to alkaline, saline and acidic solutions.
- Non-fading vibrant colors withstand repeated autoclaving.
- · Forward bite style available from stock.

Custom options:

- Color of silicone coated handle
- Shaft length
- · Up or down bite style
- · Quality verified and guaranteed by gSource

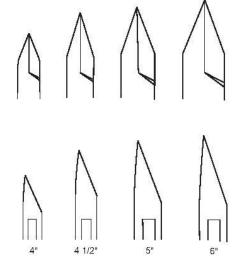




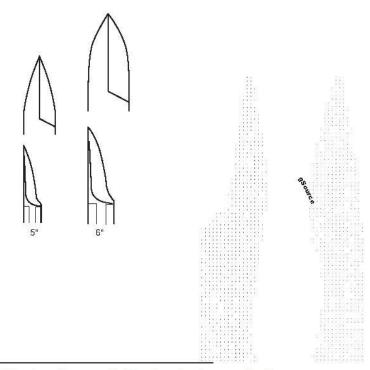
Tapered jaw nail splitters have fine pointed tips for splitting thin nails only. If used as a nail nipper, delicate tips can become damaged.

gS 77.4410 4" gS 77.4420 4 1/2" gS 77.4430 5" gS 77.4440 6"

Nail Splitter tapered jaw grooved handles







gS 77.6007 5" gS 77.6010 6"

Nail Splitter thin line tapered jaw smooth handles

Double Trocar	Smooth						
	diameter	4"	5"	6"	9"	12"	
	0.7mm [.028"]	gS 78.2000	gS 78.2050	gS 78.1210	gS 78.2105	gS 78.2200	
	0.9mm [.035"]	gS 78.2010	gS 78.2060	gS 78.1220	gS 78.2110	gS 78.2210	
	1.1mm [.045"]	gS 78.2020	gS 78.2070	gS 78.1230	gS 78.2120	gS 78.2220	
	1.4mm [.054"]	gS 78.2040	gS 78.2080	gS 78.1240	gS 78.2140	gS 78.2240	
	1.6mm [.062"]	gS 78.2030	gS 78.2090	gS 78.1250	gS 78.2130	gS 78.2230	
	Full Thread						
	diameter	4"	5"	6"	9"	12"	
	1.6mm [.062"]	gS 78.4210	gS 78.4220	g\$ 78.4230	gS 78.4030	gS 78.4035	
Single Trocar	Smooth / Round E	nd	@				
	diameter	4"	5"	6"	9"	12"	
	0.7mm [.028"]	gS 78.2300	gS 78.2700	gS 78.2800	gS 78.2500	gS 78.2600	
	0.9mm [.035"]	gS 78.2310	gS 78.2710	gS 78.2810	gS 78.2510	gS 78.2610	
	1.1mm [.045"]	gS 78.2320	gS 78.2720	gS 78.2820	gS 78.2520	gS 78.2620	
	1.4mm [.054"]	gS 78.2330	gS 78.2740	gS 78.2840	gS 78.2540	gS 78.2640	
	1.6mm [.062"]	gS 78.2340	gS 78.2750	gS 78.2850	gS 78.2530	gS 78.2630	
	Partial Thread 25m	ım / Round End	nd <				
	diameter	4"	5"	6"	9"	12"	
	1.6mm [.062"]	gS 78.9110	gS 78.9112	gS 78.9114	gS 78.9116	gS 78.9118	
	Full Thread / Roun	d End	€ 3, 3, 3 (3.5, 3.7 %)				
	diameter	4"	5"	6"	9"	12"	
	1.6mm [.062"]	gS 78.4080	gS 78.4085	gS 78.4090	gS 78.4100	gS 78.4110	
Double Diamond	Smooth		0				
	diameter	4"	5"	6"	9"	12"	
	0.7mm [.028"]	gS 78.3000	gS 78.3050	gS 78.1300	gS 78.3100	gS 78.3200	
	0.9mm [.035″]	gS 78.3010	gS 78.3060	gS 78.1310	gS 78.3110	gS 78.3210	
	1.1mm [.045"]	gS 78.3020	gS 78.3070	gS 78.1320	gS 78.3120	gS 78.3220	
	1.4mm [.054"]	gS 78.3030	gS 78.3080	gS 78.1340	gS 78.3140	gS 78.3230	
	1.6mm [.062"]	gS 78.3040	gS 78.3090	gS 78.1330	gS 78.3130	gS 78.3240	
Single Diamond	Smooth / Round E	nd	©	 0			
	diameter	4"	5"	6"	9"	12"	
	0.7mm [.028"]	gS 78.3300	gS 78.3341	gS 78.3350	gS 78.3400	gS 78.3500	
	0.9mm [.035"]	gS 78.3310	gS 78.3342	gS 78.3360	gS 78.3410	gS 78.3510	
	1.1mm [.045"]	gS 78.3320	gS 78.3344	gS 78.3370	gS 78.3420	gS 78.3520	
	1.4mm [.054"]	gS 78.3330	gS 78.3346	gS 78.3380	gS 78.3440	gS 78.3525	
	1.6mm [.062"]	gS 78.3340	gS 78.3348	gS 78.3390	gS 78.3430	gS 78.3530	
Kirschner Wires	Precision ground fro	m certified implar	nt stainless stee	el.			
wires per package	Smooth tapered poir				ĺw		

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Double Trocar

		Smooth	Full Thread	
diame	ter	9" smooth	9" full thread	
2.0mm	[5/64"]	gS 78.5500	gS 78.8500	
2.4mm	[3/32"]	gS 78.5530	gS 78.8530	
2.8mm	[7/64"]	gS 78.5560	gS 78.8560	
3.2mm	[1/8"]	gS 78.5590	gS 78.8590	
3.5mm	[9/64"]	gS 78.5620	gS 78.8620	
4.0mm	[5/32"]	gS 78.5650	gS 78.8650	
4.5mm	[.177"]	gS 78.5680	gS 78.8680	

Single Trocar / Roun	d End		Smooth	Threaded	
	diamet	ter	9" smooth	9" threaded	
	2.0mm	[5/64"]	gS 78.6100	gS 78.8700	
	2.4mm	[3/32"]	gS 78.6130	gS 78.8730	
	2.8mm	[7/64"]	gS 78.6160	gS 78.8760	
	3.2mm	[1/8"]	gS 78.6190	gS 78.8780	
	3.5mm	[9/64"]	gS 78.6220	gS 78.8820	
	4.0mm	[5/32"]	gS 78.6250	gS 78.8850	
	4.5mm	[.177"]	gS 78.6280	gS 78.8880	

Double Diamond			Smooth	Full Thread	
	diame	ter	9" smooth	9" full thread	
	2.0mm	[5/64"]	gS 78.7000	gS 78.8300	
	2.4mm	[3/32"]	gS 78.7030	gS 78.8330	
	2.8mm	[7/64"]	gS 78.7060	gS 78.8360	
	3.2mm	[1/8"]	gS 78.7090	gS 78.8390	
	3.5mm	[9/64"]	gS 78.7120	gS 78.8420	
	4.0mm	[5/32"]	gS 78.7150	gS 78.8450	
	4.5mm	[.177"]	gS 78.7180	gS 78.8480	

ngle Diamond / F	kouna Ena		Smooth	Threaded	
	diamet	te r	9" smooth	9" threaded	
	2.0mm	[5/64"]	gS 78.7780	gS 78.8000	
	2.4mm	[3/32"]	gS 78.7630	gS 78.8030	
	2.8mm	[7/64"]	gS 78.7660	gS 78.8060	
	3.2mm	[1/8"]	gS 78.7690	gS 78.8090	
	3.5mm	[9/64"]	gS 78.7720	gS 78.8120	
	4.0mm	[5/32"]	gS 78.7750	gS 78.8150	
	4.5mm	[.177]	gS 78.7782	gS 78.8180	

Steinmann Pins

6 wires per package non-sterile

Precision ground from certified implant stainless steel.

Smooth tapered points are expertly machined for easier penetration.

Please inquire about the availability of any size and style not shown on this page.



	diameter	gauge
gS 79.2002	0.2mm	36
gS 79.2003	0.3mm	30
gS 79.2004	0.4mm	27
gS 79.2005	0.5mm	25
gS 79.2006	0.6mm	23
gS 79.2007	0.7mm	22
gS 79.2008	0.8mm	21
gS 79.2009	0.9mm	20
gS 79.2010	1.0mm	19
gS 79.2012	1.2mm	18
gS 79.2015	1.5mm	17

Cerclage Wire rolls 10 meters in length

did you know...?

gSource cerclage wire, as shown on this page, is stainless steel in the form of a very flexible wire in the shape of a ring or loop, for the purpose of stabilizing fragments in a fractured bone, especially useful for transverse irregular or short oblique fractures. A transverse fracture is one in which the break is across the bone, at a right angle to the long axis of the bone. An oblique fracture is one in which the line of break runs obliquely (slanted) to the long axis of the bone.

Cerclage is an orthopedic procedure in which the ends of an oblique bone fracture or the chips of a broken patella (the small bone in front of the knee) are bound together with a wire loop or a metal band to hold them in position until healed. In a comminuted fracture of the patella, the fragments tend to be pulled apart by the normal knee forces unless held together by one or more cerclage wires. The ruptured patellar tendon may also require cerclage wires to pull it back into the patella.

When a bone is shattered, the pieces are often impossible to plate and cerclage wires may be useful in uniting the fragments again. Cerclage wires may also be used in an osteotomy, a surgical procedure to realign or remove a segment of bone. Most often, an

osteotomy is performed to realign a deformed bone. The bone is cut with surgical instruments, realigned, and allowed to heal in its new position.

A simple fracture is one in which there is no contact of the broken bone with the outer air, as the overlying tissues are intact. A compound fracture is one in which the broken bone is in contact with the outer air because there is a break in the skin; the bone may project through the wound. Immediate first aid consists of splinting the bone as is, which means supporting it in such a way that the injured part will remain steady and resist jarring if the victim is moved. It will later be treated by reduction, which means that the broken ends are pulled into alignment so that healing can take place. Closed reduction is performed by manual manipulation of the fractured bone so that the fragments are brought into proper alignment; no surgical incision is made. Open fractures are highly contaminated and surgery is often needed to debride and irrigate the site and stabilize the fracture. A fracture may also require internal fixation with pins, nails, metal plates, or screws to stabilize the alignment. Once closed reduction is accomplished, the bone is immobilized by application of a cast or by an apparatus exerting traction on the distal end of the bone.

Guide to Fracture Management Instruments

Cancellous 6.5mm	Distriber properties of the second of the se	gS 86.8426	For Shaft in Hard Bone 4.5mm 4.5mm	gS 86.8232	3.2mm		gS 86.1220	
Cancellous 6.5mm		gS 86.8426	For Shaft in 4.5mm	gS 86.8232	3.2mm		gS 86.1220	
Cancellous 6.5mm		gS 86.8425	4.5mm	gS 86.8232	3.2mm		gS 86.1220	
Malleolar 4.5mm		Ī	None	gS 86.8232	3.2mm		gS 86.1210	
Cortical 4.5mm		gS 86.8425	4.5mm	g\$ 86.8232	3.2mm		gS 86.1208	*
Cancellous 4.0mm			None	gS 86.8220 or gS 86.8226	2.0mm or 2.5mm		gS 86.1208	
Cancellous coarse thread 3.5mm	Diminimi	gS 86.8235	3.5mm	gS 86.8220 or gS 86.8226	2.0mm or 2.5mm		gS 86.1208	beardt agreed
Cortical fine thread 3.5mm		gS 86.8235	3.5mm	98 86.8226	2.5mm		gS 86.1206	fine thread
Cortical 2.7mm	ī === =	gS 86.8227	2.7mm	gS 86.8220	2.0mm		gS 86.1204	
Cortical 2.0mm	Ţ ====	gS 86.8220	2.0mm	g\$ 86.8215	1.5mm		gS 86.1202	
Cortical 1.5mm	i 	gS 86.8215	1.5mm	gS 86.8211	1.1mm	(g)	gS 86.1200	6
Type of Screw diameter	truments@hotmail.com,zia@prime	Drill for	Gliding Hole diameter	Drill for Threaded Hole	diameter		Тар	es .



503428

Verbrugge Bone Holding Forceps, 20 cm, for 3.5 and 4.5 mm plates

Volkman curette #3, oval cutting surface, cup width 1 cm, 17 cm long

503753

Volkman curette #00, oval cutting surface, cup width 5 mm, 17 cm long

503752

Volkman bone curette, double-ended, 17 cm long

Schroeder curette (3 mm x 5 mm), oval cutting surface, cup width 5 mm, 22 cm long

503432

Drill Guide handle for 2.0 mm plates, uses 1.5 pilot hole drill bit

Load/Neutral Drill Guide for 2.7 mm plates, uses 2.0 pilot hole drill bit

Drill Guide handle for 3.5 mm plates, uses 2.5 pilot hole drill bit

Screwdriver

For 0.7, 3.0, 3.5, 4.0 mm flat-head screws

504032 Screwdriver, 15 cm long......

 503433 Screwdriver, 20 cm long......

 503596 Screwdriver, 25 cm long.....

















Plate Bender

Double-sided rollers for 3.5 mm narrow, 3.5 mm broad, and 4.5 mm narrow plates. Stainless steel with aluminum handles. Length: 15 in. (38 cm)

503676



Pin Cutter

For cutting intramedullary pins and customizing bone plates. Stainless steel with tungsten carbide inserts. Cuts pins up to 1/4-in. (6.4mm). Length: 19 in. (48 cm)-

503686



K-wire Cutter

Tungsten carbide inserts. Cuts wire up to (2.2mm).



Ecklin-Duckbill Rongeur

Double-action, 3mm bite. Length: 8.5 in. (21.6 cm)

503682



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Pin Removal Forceps

Parallel action pliers, useful for bending, holding and cuttung small pins and wires. Stainless steel Length: 7.5 in. (19 cm)

503687



Bone Plate Holder

Maintain plate position through a hole in the plate. The ball behind the point of each jaw tip locates in bone plate screw hole.

Length: 6 in. (15 cm)

503677



Baby Kerns Bone Forceps

6 in. (15 cm) **503679**.....

8 in. (20 cm) **503680**......





Bone Holding Forceps

Wide jaws take hold of a good portion over the fracture line. Bone screws may be inserted through the center of either jaw. Stainless steel.

Length: 6 in. (15 cm)

503678



Excision Arthroplasty Rasp

For easy removal of bone spurs or rough edges in a femoral head excision. Rasp cuts only on backward stroke. Stainless steel.

Length: 6.5 in. (17 cm)

503681.....



Double-ended rasp with convex and flat files. Teeth are coarse on one side and fine on the other. Length: 8.25 in. (21 cm)

503683.....

Putti Bone Rasp

Double-ended rasp with round and half-round tapered, curved ends. Length: 12 in. (30 cm)

503750.....

Putti Bone Rasp

Double-ended rasp with flat ends—one with the flat surface curved, the other with a curved edge. Length: 8.5 in. (25 cm)







503751

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Hoof Knife

Narrow, right side



Hoof Knife

Wide blade, wood handle, left side



Depth Gauge

For 2.7-4.0 mm screws



Narrow, left side, Bakelite handle



Bending Plate

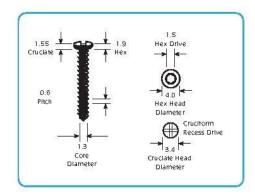
For 2.7 mm, 3.5 (2 units, R/L)

503611

Screws and Plates

1.5 mm Cortex Screws — Hexagonal Head

Used to fix fracture fragments in the phalanges, metacarpals and small bones in the foot. These screws may be used independently as lag screws or through a plate.

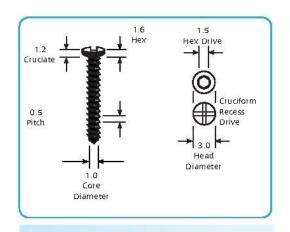


Thread diameter 1.5 mm Core diameter 1.0 mm Thread pitch 0.5 mm Screw head diameter 3.0 mm

Hex Socket - non-tapping

503448	Cortex screw, hex socket, 6mm	
503449	Cortex screw, hex socket, 7mm	
503450	Cortex screw, hex socket, 8mm	
503451	Cortex screw, hex socket, 9mm	
503452	Cortex screw, hex socket, 10mm	
503453	Cortex screw, hex socket, 11mm	
503454	Cortex screw, hex socket, 12mm	
503455	Cortex screw, hex socket, 14mm	
503456	Cortex screw, hex socket, 16mm	
503457	Cortex screw, hex socket, 18mm	
503458	Cortex screw, hex socket, 20mm	

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Thread diameter	2.0 mm
Core diameter	1.3 mm
Thread pitch	0.6 mm
Hex screw head diameter	4.0 mm
Cruciate screw head diam	3.4 mm

Hex Socket — self-tapping

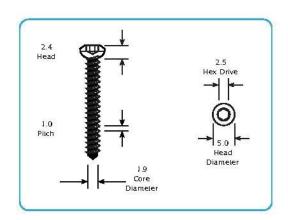
503470	Cortex screw, hex socket, 6 mm
503471	Cortex screw, hex socket, 8 mm
503472	Cortex screw, hex socket, 10 mm
503473	Cortex screw, hex socket, 12 mm
503474	Cortex screw, hex socket, 14 mm
503475	Cortex screw, hex socket, 16 mm
503476	Cortex screw, hex socket, 18 mm
503477	Cortex screw, hex socket, 20mm
503478	Cortex screw, hex socket, 22mm
503479	Cortex screw, hex socket, 24mm
503480	Cortex screw, hex socket, 26mm
503481	Cortex screw, hex socket, 28mm
503482	Cortex screw, hex socket, 30mm
503483	Cortex screw, hex socket, 32mm

Cruciated Socket — self-tapping

503484	Cortex screw, cruciated socket, 6mm
503485	Cortex screw, cruciated socket, 8mm
503486	Cortex screw, cruciated socket, 10mm
503487	Cortex screw, cruciated socket, 12mm
503488	Cortex screw, cruciated socket, 14mm
503489	Cortex screw, cruciated socket, 16mm
503490	Cortex screw, cruciated socket, 18mm
503492	Cortex screw, cruciated socket, 22mm
503493	Cortex screw, cruciated socket, 24mm
503494	Cortex screw, cruciated socket, 26mm
503495	Cortex screw, cruciated socket, 28mm
503496	Cortex screw, cruciated socket, 30mm
503497	Cortex screw, cruciated socket, 32mm

2.7 mm Cortex Screws

Used in the metacarpal and metatarsal bones and also in certain indications in the radius and ulna.



Thread diameter	2.7 mm
Core diameter	1.9 mm
Thread pitch	1.0 mm
Screw head diameter	5.0 mm

Cortex Screws — self-tapping

503498	Cortex screw, 6mm, hex socket
503499	Cortex screw, 8mm, hex socket
504029	Cortex screw, 10mm, hex socket
503648	Cortex screw, 12mm, hex socket
503649	Cortex screw, 14mm, hex socket
503650	Cortex screw, 16mm, hex socket
503651	Cortex screw, 18mm, hex socket
503652	Cortex screw, 20mm, hex socket
503653	Cortex screw, 22mm, hex socket
503654	Cortex screw, 24mm, hex socket
503655	Cortex screw, 26mm, hex socket
503656	Cortex screw, 28mm, hex scoket
503657	Cortex screw, 30mm, hex socket
503658	Cortex screw, 32mm, hex socket
503635	Cortex screw, 34mm, hex socket
503636	Cortex screw, 36mm, hex socket
503637	Cortex screw, 38mm, hex socket
503638	Cortex screw, 40mm, hex socket

211

1.5mm Straight Plate

Screw size: 1.5 mm cortex, 100mm length, 20 holes

Thickness: 0.9 mm Width: 3.8 mm Hole Spacing: 5 mm

1.5mm T-Plates



Thickness: 0.9 mm Width: 3.8 mm Length: 49 mm

503615 Screw size: 1.5mm cortex, 3 holes in head, 9 holes in shaft Screw size: 1.5mm cortex, 4 holes in head, 9 holes in shaft 503616

2.0mm Straight Plates



Thickness: 0.9 mm Width: 5 mm Hole Spacing: 6 mm

Screw size: 2.0mm cortex, 17mm length, 3 holes
Screw size: 2.0mm cortex, 23mm length, 4 holes
Screw size: 2.0mm cortex, 29mm length, 5 holes
Screw size: 2.0mm cortex, 35mm length, 6 holes
Screw size: 2.0mm cortex, 100mm length, 20 holes

FOR 20 HOLE PLATE Thickness: 1.2 mm Width: 5 mm Hole Spacing: 5 mm

2.0mm L-Plates



Screw size: 2.0mm cortex, 2 holes in shaft, Oblique Right 503575 Screw size: 2.0mm cortex, 2 holes in shaft, Oblique Left



Thickness: 0.9 mm Width: 5 mm Hole Spacing: 6 mm

2.7mm Small Compression Plates



Thickness: 2 mm (2-6 hole) 2.5 mm (7-12 hole) Width: 8 mm

503579	Screw size: 2.7mm cortex, 26mm length, 2 holes
503580	Screw size: 2.7mm cortex, 29mm length, 4 holes
503581	Screw size: 2.7mm cortex, 35mm length, 5 holes
504031	Screw size: 2.7mm cortex, 52mm length, 6 holes
504030	Screw size: 2.7mm cortex, 60mm length, 7 holes
503661	Screw size: 2.7mm cortex, 68mm length, 8 holes
503662	Screw size: 2.7mm cortex, 76mm length, 9 holes
503663	Screw size: 2.7mm cortex, 84mm length, 10 holes
503664	Screw size: 2.7mm cortex, 100mm length, 12 holes

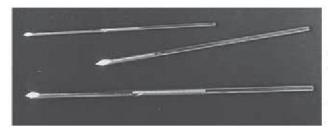
2.7mm T- Plates



Thickness: 1.2 mm Width: 7 mm Hole Spacing: 8 mm Length: 32 mm

503665 Screw size: 2.7mm cortex, 32mm length, 3 holes

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Positive (Raised) Threaded External Fixation Pins.

Positive or raised thread pins have threads extending above the smooth shaft on a portion of the pin. The positive threaded pins have a tougher pull-out resistance and are the external fixation pins used almost exclusively in human orthopedics.

There are two choices of pin styles and three different sizes.

- 1. Threaded portion is in mid-shaft 2. Threaded portion is at the end of the pin
- These pins work with all standard veterinary external fixation clamps. All pins are 316LVM implant quality stainless.

Mid-Shaft Positive Threaded Pins

	Size	Shaft	Thread	Thread Part	Total	Thread Pltch	Price
503584	Small	¾₂" dia.	⅓" dia.	¾"L	4"L	0.9mm	
503585	Medium	⅓" dia.	%₂" dia.	1 ¼"L	5"L	0.9mm	
503586	Large	%₂" dia.	¾ ₁₆ " dia.	1½"L	6"L	0.9mm	

Pearson Raised Thread Pins. Smooth-shank pins have poor resistance to pull out. Negative-thread pins are weak. Positive or raised thread pins offer strength and good pull-out resistance. The Pearson pin addresses three major problems associated with the use of threaded pins:

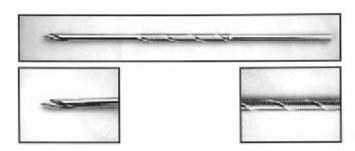
- 1. Threads are proud of the shank, eliminating the point of weakness found at the thread-shank interface of negative-thread pins.
- 2. Existing self-tapping pins impact bone debris at the bone pin interface, causing necrosis and microfractures. The Pearson pin has a unique flute form that collects bone debris as it is formed, minimizing damage to the bone-pin interface.
- 3. Trocar tipped pins cause thermal necrosis if inserted without pre-drilling. Pre-drilling takes time and causes soft tissue damage. The Pearson pin incorporates a unique drill point designed for minimal "skate" on the bone surface. The pin pre-drills its own pilot hole.

Positive Threaded Portion at End of Pin

	Size	5haft	Thread	Thread Part	Total	Thread Pitch	Price
503587	Small	⅓₂" dia.	⅓" dia.	1"L	4"L	0.9mm	
503588	Medium	⅓" dia.	%₃₂" dia.	1¼"L	41/2"L	0.9mm	
503589	Large	%₂" dia.	¾ ₁₆ " dia.	1½"L	6"L	0.9mm	

The Pearson pin is available in 1/8", 5/32", and 1/4" shanks, with either end-thread or mid-thread.

503590	Mid-Thread Pin.	%₂²" shank	5"L.	
503591	Mid-Thread Pin.	½" shank	6"L.	
503592	End-Thread Pin.	%₂" shank	5"L.	
503593	End-Thread Pin.	%₂" shank	6"L.	



New Oversized Pins for Large Animal Use.

They have a $\frac{1}{4}$ " shaft, with the raised thread diameter of $\frac{3}{16}$ ". Their use with an extra-large KE clamp and connecting bar will work on a large animal fracture. Alternatively, a trans-fixation cast can be applied over the pins after fracture alignment.

503594	Mid-Thread Pin	¼" shank	11"L.	
503595	End-Thread Pin	¼" shank	11"L.	-





HIBBS Bone Chisels

MB991R

Straight, 10 mm, 91/2"

MB992R

Curved, 13 mm, 91/2"

MB993R

Curved, 22 mm, 91/2"

MB994R

Curved, 25 mm, 91/2"

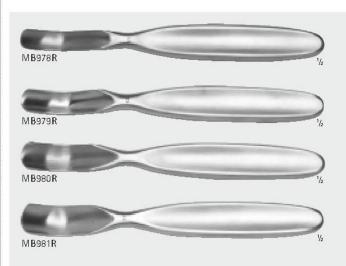
MB995R

Curved, 32 mm, 91/2"

MB996R

Curved, 38 mm, 91/2"

Elevators



Metatarsal Elevators

MB978R

11 mm Wide Blade 61/4"

MB979R

13 mm Wide Blade 61/2"

MB980R

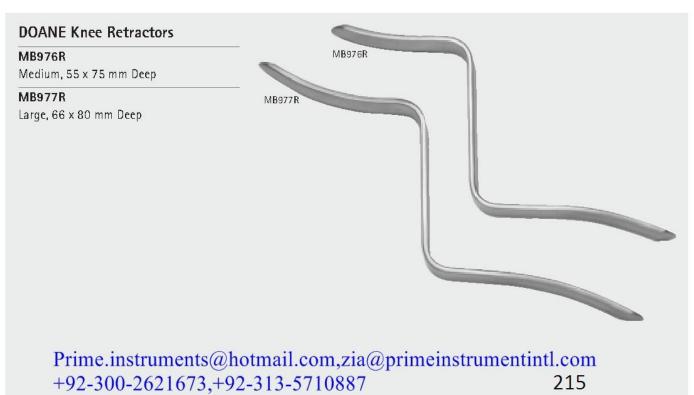
15 mm Wide Blade 61/2"

MB981R

17 mm Wide Blade 61/2"

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Retractors



*



MB177R

Small Blade, Medium Depth, 25 x 75 mm"

MB178R

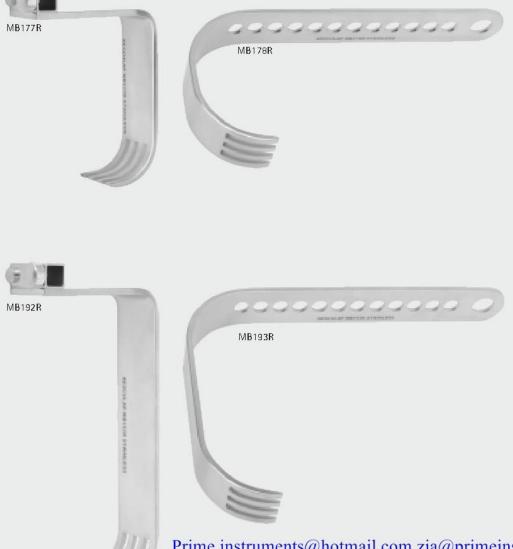
Large Blade, Medium Depth, 25 x 75 mm"

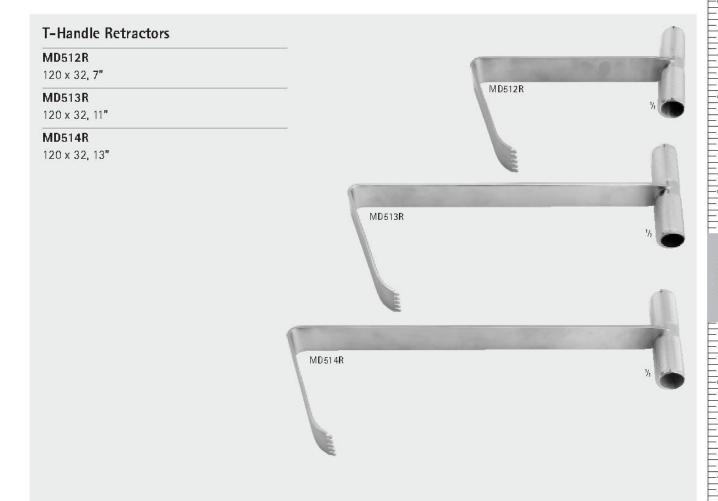
MB192

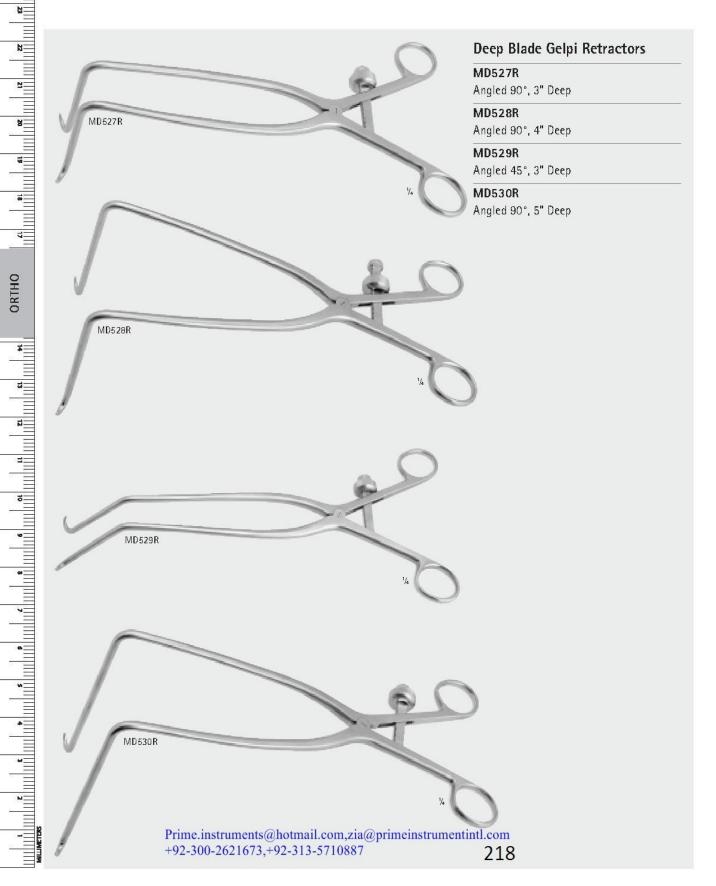
Small Blade, Long Depth, 25 x 127 mm"

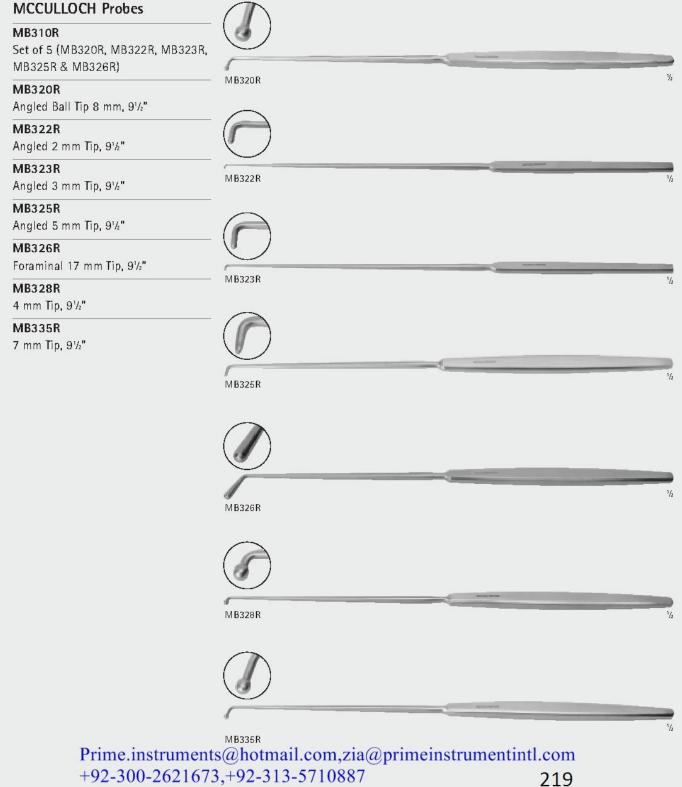
MB193R

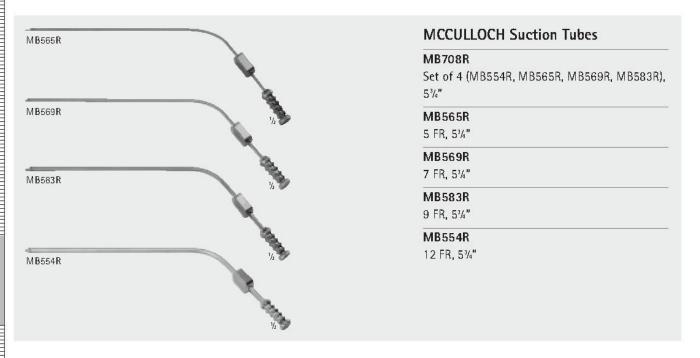
Large Blade, Long Depth, 25 x 127 mm"







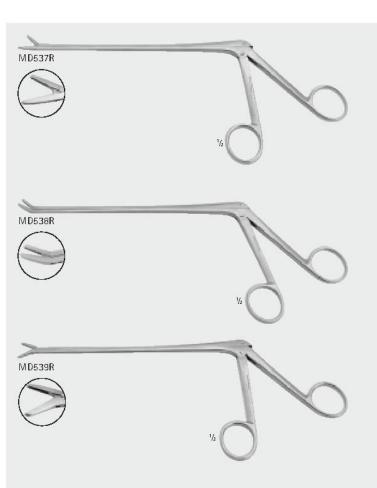




Tamps



Cloward Spanner Gauges MD533R Small MD534R Large



Cushing IVD Rongeurs

MD537R

Straight, 1.5 x 10 mm, 7"

MD538R

Curved Up, 1.5 x 10 mm, 7"

MD539R

Curved Down, 1.5 x 10 mm, 7"

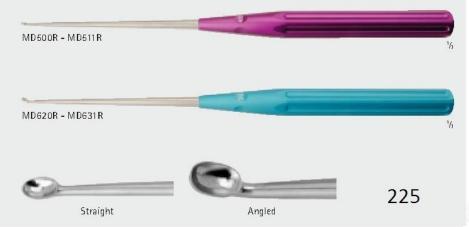
Item No.	Tip Size	Tip	Length (in)	Color	MD216R - MD227R	
MD216R	#000000	STR	10"	Red		
MD217R	#00000	STR	10"	Silver		
MD218R	#0000	STR	10"	Purple		
MD219R	#000	STR	10"	Turquoise		
MD220R	#00	STR	10"	Gold		
MD221R	#0	STR	10"	Green		
MD222R	#1	STR	10"	Orange		
MD223R	#2	STR	10"	Blue		
MD224R	#3	STR	10"	Gray		
MD225R	#4	STR	10"	Black		
MD226R	#5	STR	10"	Black		
MD227R	#6	STR	10"	Black		
MD234R	#000000	ANG	10"	Red	•	-
MD235R	#00000	ANG	10"	Silver	MD234R - MD245R	The state of the s
MD236R	#0000	ANG	10"	Purple		
MD237R	#000	ANG	10"	Turquoise		
MD238R	#00	ANG	10"	Gold		
MD239R	#0	ANG	10"	Green		_ (2)
MD240R	#1	ANG	10"	Orange	Col	-
MD241R	#2	ANG	10"	Blue	Straight	Angled
MD242R	#3	ANG	10"	Gray		
MD243R	#4	ANG	10"	Black		
MD244R	#5	ANG	10"	Black		
MD245R	#6	ANG	10"	Black		



ltem No.	Tip Size	Tip	Length (in)	Color
MD309R	#000000	REV ANG	10"	Red
MD310R	#00000	REV ANG	10"	Silver
MD311R	#0000	REV ANG	10"	Purple
MD312R	#000	REV ANG	10"	Turquoise
MD313R	#00	REV ANG	10"	Gold
MD314R	#0	REV ANG	10"	Green
MD315R	#1	REV ANG	10"	Orange
MD316R	#2	REV ANG	10"	Blue
MD317R	#3	REV ANG	10"	Gray
MD318R	#4	REV ANG	10"	Black
MD319R	#5	REV ANG	10"	Black
MD320R	#6	REV ANG	10"	Black
MD383R	#000000	ANG 90°	10"	Red
MD384R	#00000	ANG 90°	10"	Silver
MD385R	#0000	ANG 90°	10"	Purple
MD386R	#000	ANG 90°	10"	Turquoise
MD387R	#00	ANG 90°	10"	Gold
MD388R	#0	ANG 90°	10"	Green
MD389R	#1	ANG 90°	10"	Orange
MD390R	#2	ANG 90°	10"	Blue
MD391R	#3	ANG 90°	10"	Gray
MD392R	#4	ANG 90°	10"	Black
MD393R	#5	ANG 90°	10"	Black
MD394R	#6	ANG 90°	10"	Black

Colored Lumbar Curettes

Item No.	Tip Size	Tip	Length (in)	Color
MD500R	#000000	STR	133/4"	Red
MD501R	#00000	STR	133/4"	Silver
MD502R	#0000	STR	133/4"	Purple
MD503R	#000	STR	133/4"	Turquoise
MD504R	#00	STR	133/4"	Gold
MD505R	#0	STR	133/4"	Green
MD506R	#1	STR	133/4"	Orange
MD507R	#2	STR	133/4"	Blue
MD508R	#3	STR	133/4"	Gray
MD509R	#4	STR	133/4"	Black
MD510R	#5	STR	133/4"	Black
MD511R	#6	STR	133/4"	Black
MD620R	#000000	ANG	133/4"	Red
MD621R	#00000	ANG	133/4"	Silver
MD622R	#0000	ANG	133/4"	Purple
MD623R	#000	ANG	133/4"	Turquoise
MD624R	#00	ANG	133/4"	Gold
MD625R	#0	ANG	133/4"	Green
MD626R	#1	ANG	133/4"	Orange
MD627R	#2	ANG	133/4"	Blue
MD628R	#3	ANG	13¾"	Gray
MD629R	#4	ANG	133/4"	Black
MD630R	#5	ANG	133/4"	Black
MD631R	#6	ANG	13¾"	Black

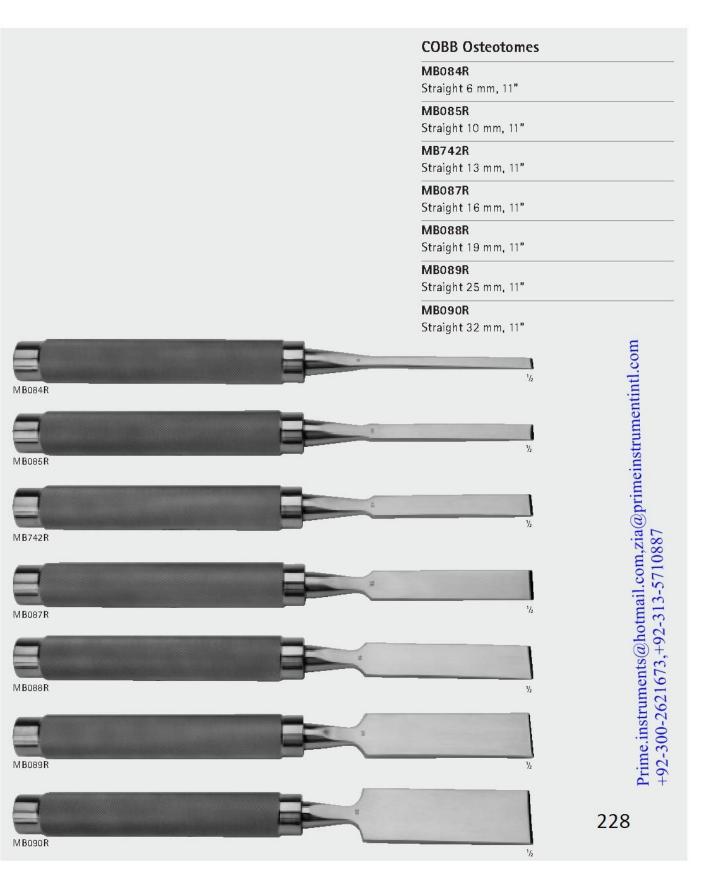


Item No.	Tip Size	Tip	Length (in)	Color
MD632R	#000000	REV ANG	133/4"	Red
MD633R	#00000	REV ANG	13¾"	Silver
MD634R	#0000	REV ANG	13¾"	Purple
MD635R	#000	REV ANG	13¾"	Turquoise
MD636R	#00	REV ANG	13¾"	Gold
MD637R	#0	REV ANG	13¾"	Green
MD638R	#1	REV ANG	13¾"	Orange
MD639R	#2	REV ANG	13¾"	Blue
MD640R	#3	REV ANG	13¾"	Gray
MD641R	#4	REV ANG	13¾"	Black
MD642R	#5	REV ANG	13¾"	Black
MD643R	#6	REV ANG	133/4"	Black





Item No.	Tip Size	Tip	Length (in)		
MD655R	#1-0	REV ANG UP	9"		
MD656R	#2-0	REV ANG UP	9"		
MD657R	#3-0	REV ANG UP	9"		
MD658R	#4-0	REV ANG UP	9"		
MD659R	#5-0	REV ANG UP	9"		
MD660R	#1-0	STR	9"		
MD661R	#2-0	STR	9"		
MD662R	#3-0	STR	9"		
MD663R	#4-0	STR	9"		
MD664R	#5-0	STR	9"		
MD665R	#1-0	REV ANG DWN	9"		
MD666R	#2-0	REV ANG DWN	9"		
MD667R	#3-0	REV ANG DWN	9"		
MD668R	#4-0	REV ANG DWN	9"		
MD669R	#5-0	REV ANG DWN	9"		





Forceps







MH11-530 to MH11-544

MH11-582

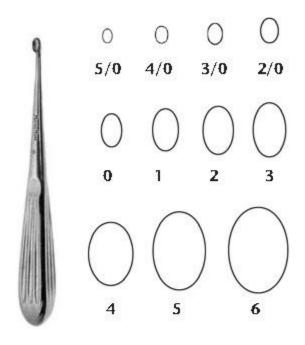
VOLKMAN RETRACTORS, 8-1/2" (21.6 cm) ring handle

Sharp	Description	Blunt
MH11-530	2 prongs	MH11-538
MH11-532	3 prongs	MH11-540
MH11-534	4 prongs	MH11-542
MH11-536	6 prongs	MH11-544

REF	Description
MH11-580	BENNETT Tibia Retractor, 9-1/2" (24.1 cm), small blade 1-3/4" (4.4 cm) wide
MH11-582	BENNETT Tibia Retractor, 9-1/2" (24.1 cm), large blade 2-1/2" (6.4 cm) wide



REF	Description
MH27-213	MINI-HOHMANN Retractor, 6-1/4" (15.9 cm), blade 6 mm wide
MH27-214	MINI-HOHMANN Retractor, 6-1/4" (15.9 cm), blade 8 mm wide
MH27-215	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 10 mm wide
MH27-216	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 18 mm wide
MH27-217	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 25 mm wide
MH27-218	HOHMANN Retractor, 9-1/4" (23.5 cm), blade 43 mm wide
MH27-219	HOHMANN Retractor, 9-3/4" (24.8 cm), blade 70 mm wide
	P1 17 17 17 17 17 17 17 17 17 17 17 17 17

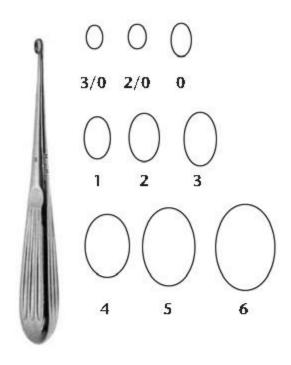


MH19-700 to MH19-720

SPRATT (BRUN) MASTOID CURETTES, OVAL CUPS

REF	Description
MH19-700	6-1/2" (16.5 cm), size 5/0
MH19-702	6-1/2" (16.5 cm), size 4/0
MH19-704	6-1/2" (16.5 cm), size 3/0
MH19-706	6-1/2" (16.5 cm), size 2/0
MH19-708	6-1/2" (16.5 cm), size 0
MH19-710	6-1/2" (16.5 cm), size 1

REF	Description
MH19-712	6-1/2" (16.5 cm), size 2
MH19-714	6-1/2" (16.5 cm), size 3
MH19-716	6-1/2" (16.5 cm), size 4
MH19-718	6-1/2" (16.5 cm), size 5
MH19-720	6-1/2" (16.5 cm), size 6

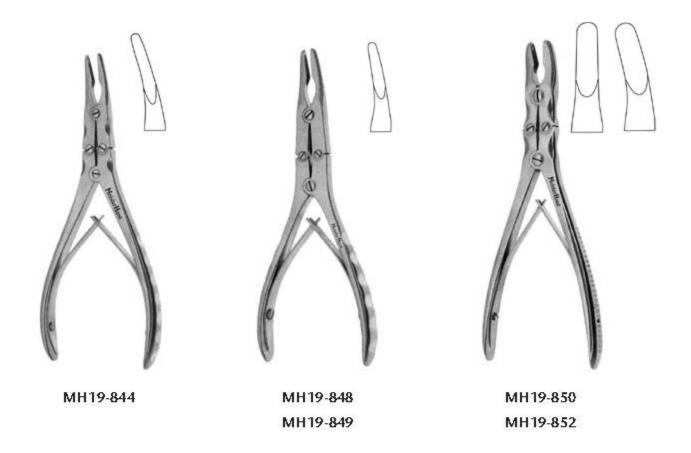


MH26-1627 to MH26-1640

HIBBS SPRATT SPINAL FUSION CURETTES, OVAL CUPS

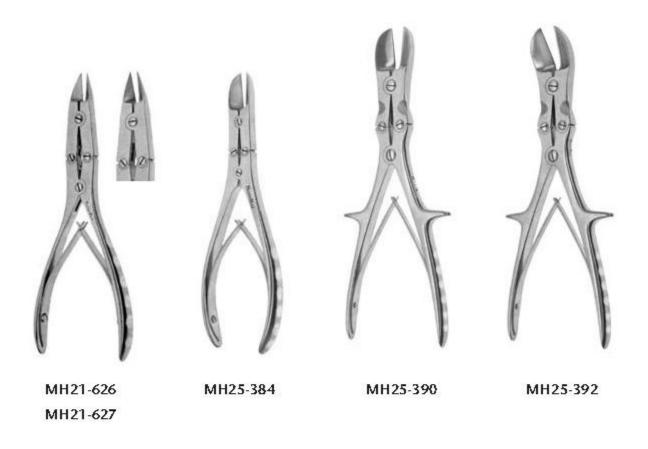
REF	Description	
MH26-1627	9" (22.9 cm), size 3/0	
MH26-1628	9" (22.9 cm), size 2/0	
MH26-1629	9" (22.9 cm), size 0	
MH26-1630	9" (22.9 cm), size 1	
MH26-1632	9" (22.9 cm), size 2	

REF	Description
MH26-1634	9" (22.9 cm), size 3
MH26-1636	9" (22.9 cm), size 4
MH26-1638	9" (22.9 cm), size 5
MH26-1640	9" (22.9 cm), size 6

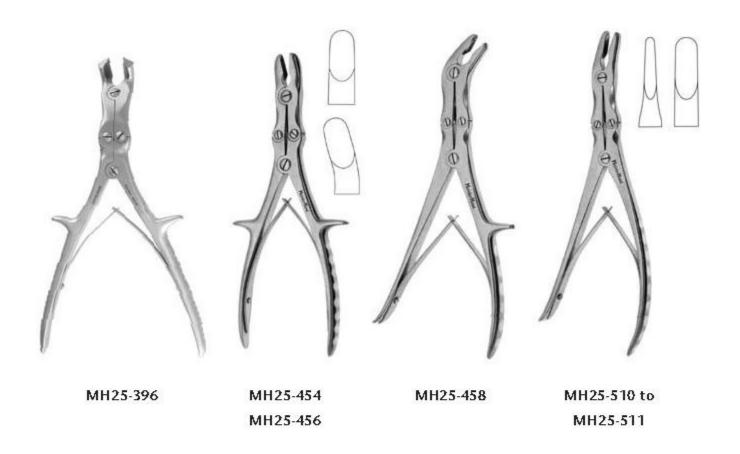


REF	Description			
MH19-844	BEYER Rongeur, 7" (17.8 cm), double action, slightly curved jaws 3.5 mm wide			
MH19-848	RUSKIN Rongeur, 6" (15.2 cm), double action, straight 3 mm bite jaws			
MH19-849	RUSKIN Rongeur, 6" (15.2 cm), double action, curved 3 mm bite jaws			
MH19-850	RUSKIN Rongeur, 7-1/4" (18.4 cm), double action, straight 5 mm bite jaws			
MH19-852	RUSKIN Rongeur, 7-1/4" (18.4 cm), double action, curved 5 mm bite jaws			

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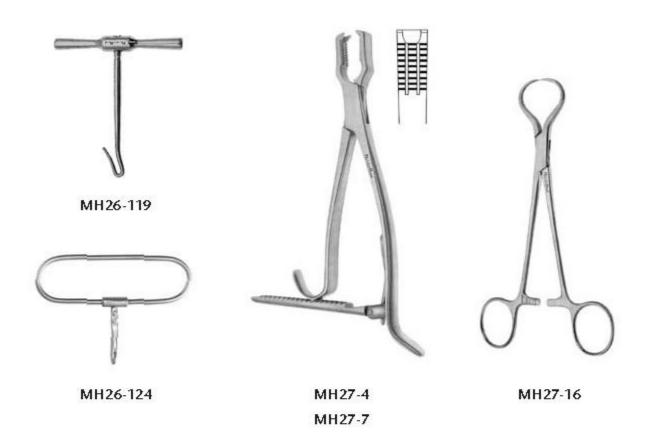


REF	Description			
MH21-626	KLEINERT-KUTZ (RUSKIN) Bone Splitting Forceps, 6" (15.2 cm), straight			
MH21-627	KLEINERT-KUTZ (RUSKIN) Bone Splitting Forceps, 6" (15.2 cm), curved			
MH25-384	RUSKIN Bone Cutting Forceps, 7-1/2" (19.1 cm), straight standard blades			
MH25-390	STILLE-LISTON Bone Cutting Forceps, 10-3/4" (27.3 cm), straight			
MH25-392	STILLE-LISTON Bone Cutting Forceps, 10-3/4" (27.3 cm), curved			



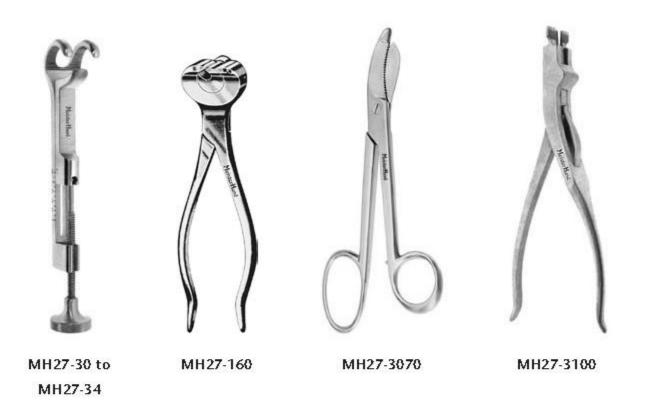
REF	Description
MH25-396	STILLE-HORSLEY Bone Cutting Forceps, 10-1/2" (26.7 cm), angled blades
MH25-454	STILLE-LUER Rongeur, 8-3/4" (22.2 cm), straight jaws 9 X 15 mm
MH25-456	STILLE-LUER Rongeur, 8-3/4" (22.2 cm), curved jaws 9 X 15 mm
MH25-458	STILLE-LUER Duckbill Rongeur, 9" (22.9 cm), angled on side, jaws 6 X 12 mm
MH25-510	LEKSELL Rongeur, 9-1/2" (24.1 cm), standard curve, 3 mm bite
MH25-511	LEKSELL Rongeur, 9-1/2" (24.1 cm), standard curve, 8 mm bite

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REF	Description GIGLI Saw Handle, standard pattern, T-shaped, turnable		
MH26-119			
MH26-124	GIGLI-STRULLY Saw Handle, standard pattern, loop grip, rigid, with snap-lock		
MH27-4	KERN Bone Holding Forceps, 9-1/2" (24.1 cm), standard size, with ratchet		
MH27-7	KERN Bone Holding Forceps, 6" (15.2 cm), pediatric size, with ratchet		
MH27-16	LEWIN Bone Holding Forceps, 7" (17.8 cm), serrated jaws		

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REF	Description
MH27-30	LOWMAN Bone Clamp, 5" (12.7 cm), calibrated in 1/8" (.32 cm), 1 X 2
	prong jaws 3/4" (1.9 cm) wide
MH27-32	LOWMAN Bone Clamp, 7" (17.8 cm), calibrated in 1/8" (.32 cm), 1 X 2
	prong jaws 1" (2.5 cm) wide
MH27-34	LOWMAN Bone Clamp, 8" (20.3 cm), calibrated in 1/8" (.32 cm), 1 X 2
	prong jaws 1-1/4" (3.2 cm) wide
MH27-160	DIAMOND Pin & Wire Cutter, 6-1/2" (16.5 cm), cuts up to 2 mm (5/64")
	diameter hard wire, stainless steel
MH27-3070	BRUNS Plaster Shears, 9-1/4" (23.5 cm), serrated blade
MH27-3100	Three Prong Cast Spreader, 9" (22.9 cm), with spring action for one-hand
	operation

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HIBBS OSTEOTOMES 9" (22.9 cm)

LAMBOTTE OSTEOTOMES 9" (22.9 cm)

Straight	Size	Curved	
MH27-438	1/4" (.64 cm)	MH27-438C	
MH27-440	3/8" (.95 cm)	MH27-440C	
MH27-442	1/2" (1.3 cm)	MH27-442C	
MH27-444	5/8" (1.6 cm)	MH27-444C	
MH27-446	3/4" (1.9 cm)	MH27-446C	
MH27-447	7/8" (2.2 cm)	MH27-447C	
MH27-448	1" (2.5 cm)	MH27-448C	

Straight	Width	Curved
MH27-488	6 mm (1/4")	MH27-499
MH27-490	13 mm (1/2")	MH27-500
MH27-492	19 mm (3/4")	MH27-502
MH27-494	25 mm (1")	MH27-504
MH27-496	32 mm (1-1/4")	MH27-506
MH27-498	38 mm (1-1/2")	MH27-508

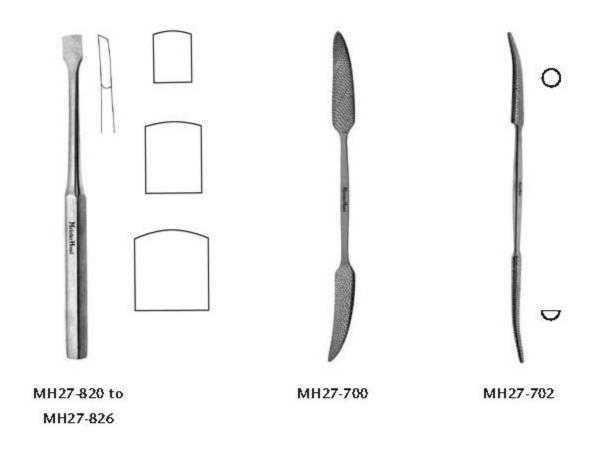
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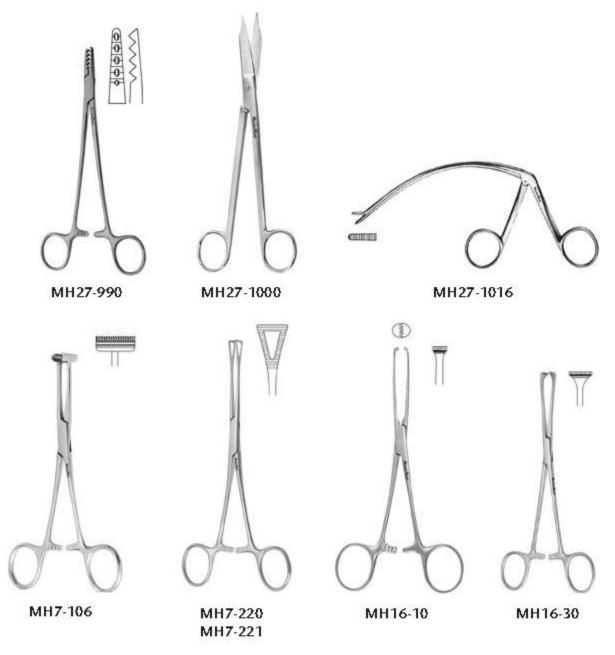


REF	Description
MH19-793	Mallet, 7-1/2" (19.1 cm), lightweight 7.5 oz. (213 g), stainless steel head
	1" (2.5 cm) diameter with 2 replaceable nylon caps
MH19-796	MEAD Mallet, 7-1/2" (19.1 cm), head 8 oz. (227 g), with 2 replaceable nylon caps
MH26-1410	LANGENBECK Periosteal Elevator, 7-1/2" (19.1 cm), narrow model, 7 mm wide blunt blade
MH26-1412	LANGENBECK Periosteal Elevator, 7-1/2" (19.1 cm), wide model, 17 mm wide sharp blade

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Description
KEY Periosteal Elevator, 7" (17.8 cm), 1/4" (.64 cm) wide
KEY Periosteal Elevator, 7-1/2" (19.1 cm), 1/2" (1.3 cm) wide
KEY Periosteal Elevator, 8" (20.3 cm), 3/4" (19. cm) wide
KEY Periosteal Elevator, 8-1/4" (21 cm), 1" (2.5 cm) wide
PUTTI Bone Rasp, 10-1/2" (26.7 cm), flat ends, one side curved on flat, other side curved sideways
PUTTI Bone Rasp, 12" (30.5 cm), round and half-round tapered curved ends



REF	Description
MH27-990	MARTIN Cartilage Clamp, 7" (17.8 cm)
MH27-1000	MARTIN Cartilage Scissors, 8" (20.3 cm), curved serrated non-slip cutting edges
MH27-1016	Tendon Pulling Forceps, 5" (12.7 cm), curved shaft, alligator type
MH7-106	PRATT T-Shape Forceps, 6" (15.2 cm)
MH7-220	PENNINGTON Tissue Grasping Forceps, 6" (15.2 cm), triangular jaws
MH7-221	PENNINGTON Tissue Grasping Forceps, 8" (20.3 cm), triangular jaws
MH16-10	ALLIS Tissue Forceps, 7-1/4" (18.4 cm), 5 X 6 teeth, straight
) 9 X 10 teeth



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STILLE is one of the oldest medical device companies in the world. We develop, manufacture and sell proprietary high-quality surgical instruments and specialty tables to leading surgeons worldwide. We have done so for more than 170 years.

STILLE's offering consists of a strong brand and products renowned for their superior quality. We manage our business in two distinct business areas - Surgery and Patient Positioning.

STILLE surgical instruments are considered state of the art by many surgeons around the world. All STILLE instruments are handcrafted as an art by highly skilled

The slender design and excellent balance are the characteristics which make the STILLE instruments easily recognizable. Their highly polished surface and delicate design make STILLE instruments lighter and easier to keep clean, thus more durable against discoloration and corrosion. All this provides STILLE instruments with a unique and outstanding feeling.

instrument makers in Eskilstuna, Sweden.

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STILLE Surgical Inc. 943 Parkview Blvd Lombard, IL 60148 United States Phone: 1.800.6651614 sales.us@stille.se

Distributed by:

STILLE is proud to offer an extensive and strong line of instruments for orthopedic surgery. The range includes everything from bone rongeurs, osteotomes, retractors, bone curettes and raspatories to mallets. Still today, we are very proud to have developed the world's first bone rongeur with double-action joint already in 1872. We also invented the classic osteotome with the 8-shaped handle. Both have been copied many times, but the original is always better than a copy.

Scissors

"Scissors Please!"Surgeons worldwide prefer scissors from STILLE. They are light and well-balanced with a smooth, soft feel that follows every movement so that the scissors become a natural extension of the hand. The scissor's design provides a firm grip with maximum cutting power for all types of soft tissue. Regardless of the model they are perfectly precise - all the way to the tip.





104-15561-181

TC jaws, 18 cm 7"

15.5 cm 6.25"

Needle holders

A PERFECT RESULT WHEN SUTURING requires a reliable and durable instrument. STILLE needle holders are easily recognized by their delicate and soft design, which helps the surgeon to hold the needle very securely. The golden finger loops indicate that the jaws are fitted with inserts of hard metal, which prolongs the life of the instrument. Some needle holders are instead coated with Diamond Jaws where hard metal is sprayed on as a thin layer on the inside of the jaws.

Forceps

AS AN EXTENSION OF THE SURGEON'S THUMB and forefinger, forceps need to grasp and release with the same sensitivity as a pair of fingertips. The teeth on surgical forceps are specially designed to make a firm, yet gentle, grasp of the tissue. The anatomical dressing forceps are designed, as much as possible, to take an atraumatic grip on sensitive tissue.

244 102-9027 Gillies STILLE Tissue Forceps Serrated, 1x2 fine teeth

Mayo-Hegar STILLE Needle holder

STILLE DOUBLE-ACTION BONE I and smoothly cut bone with one l solution as early as 1872 and : rongeurs have been widely imitat the imitation, and are perceived easier to use than any other brand



105-17260 Leksell STILLE Bone Rongeur Curved, Wide jaws, 24 cm 9.5"

Bone instruments

OSTEOTOMES, CHISELS, MALLET STILLE are made of high quality h strength to avoid breakage or bei to wear and the toughness of the can withstand great strain for lon

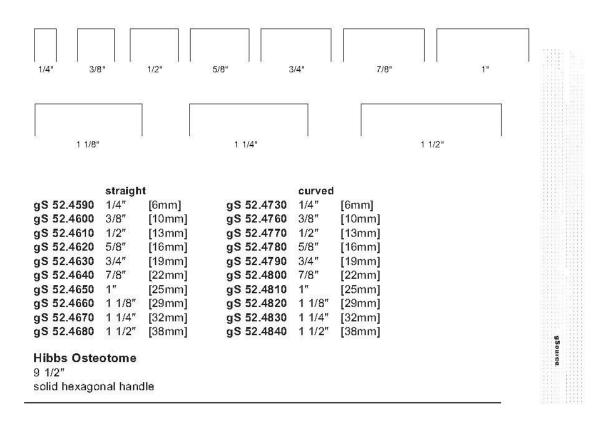


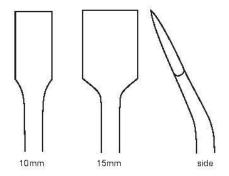
Wiberg STILLE Raspatory Straight, 7 mm 17 cm 6.75"

111-22565-6 Mini-Hohmann STILLE Elevator Bone lever, 6 mm 16 cm 6.25"

Other STILLE prod

STILLE offers even more high qu plaster cast removers, Gigli wire US-market) and Tourniquet equip contact us for more information,





gS 53.4410 10mm gS 53.4415 15mm

Lexer Osteotome

11"

angled shaft, phenolic handle