



|                                           |          |
|-------------------------------------------|----------|
| bone cutting forceps                      | PAGE 181 |
| bone rongeurs                             | PAGE 183 |
| bone holding forceps                      | PAGE 186 |
| plaster spreaders and shears              | PAGE 190 |
| bone curettes                             | PAGE 192 |
| bone levers                               | PAGE 197 |
| retractors                                | PAGE 198 |
| hooks, rugines and raspatories            | PAGE 200 |
| osteotomes, chisels and gouges            | PAGE 202 |
| wire cutters, pliers, and accessories     | PAGE 206 |
| mallets                                   | PAGE 211 |
| rasps                                     | PAGE 215 |
| files and punches                         | PAGE 216 |
| pushers, impactors, and skids             | PAGE 217 |
| elevators                                 | PAGE 217 |
| elevators, retractors and bone levers     | PAGE 220 |
| saws, shears and knives                   | PAGE 226 |
| nail and staple instruments               | PAGE 228 |
| screw and plate instruments               | PAGE 230 |
| chucks                                    | PAGE 232 |
| drills and cerclage wire                  | PAGE 234 |
| AO type instruments                       | PAGE 235 |
| clover leaf nails and instruments         | PAGE 239 |
| threaded pins, rush pins, and guide wires | PAGE 240 |
| wires and pins                            | PAGE 241 |
| kirschner/arthrodesis wires and           | PAGE 242 |
| accessories staples, nuts and washers     | PAGE 245 |
| lead hands                                | PAGE 246 |



# Inquiry now Today!

 **+92 300 6186467**

 **info@yasageinstruments.com**

 **www.yasageinstruments.com**



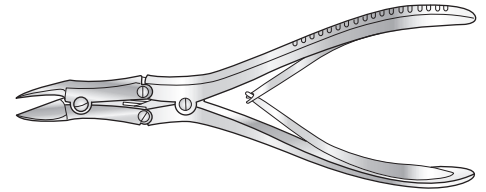
## BONE CUTTING FORCEPS

### McIndoe bone cutting forcep

lightweight, compound action, angled jaw with prismatic points

**SC-OR/13b** 165mm long

**SC-OR/13c** 191mm long



### Liston screw joint bone cutting forcep

with fluted handle

150mm long

**SC-OR/24** straight

**SC-OR/24a** angled

180mm long

**SC-OR/25** straight

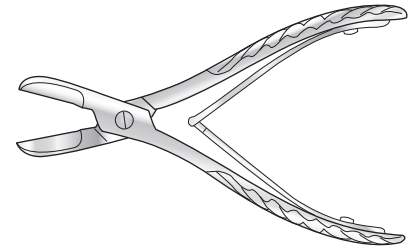
**SC-OR/25a** angled

200mm long

**SC-OR/26** straight

230mm long

**SC-OR/27** straight



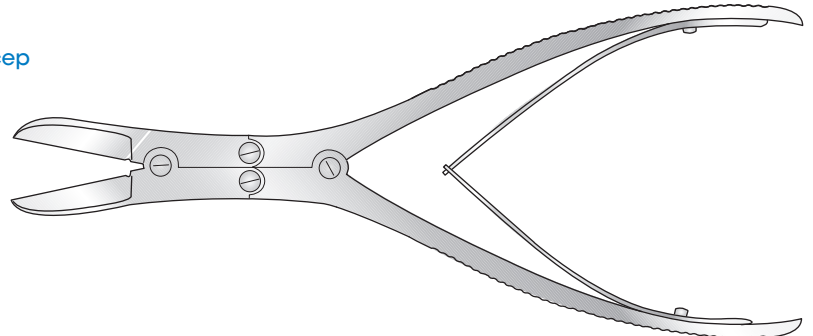
### Liston compound action bone cutting forcep

straight, for heavy duty

**SC-OR/27a** 305mm long

**SC-OR/27b** 300mm long

**SC-OR/27c** 190mm long



### Liston box joint bone cutting forcep

straight

**SC-OR/032** 140mm long

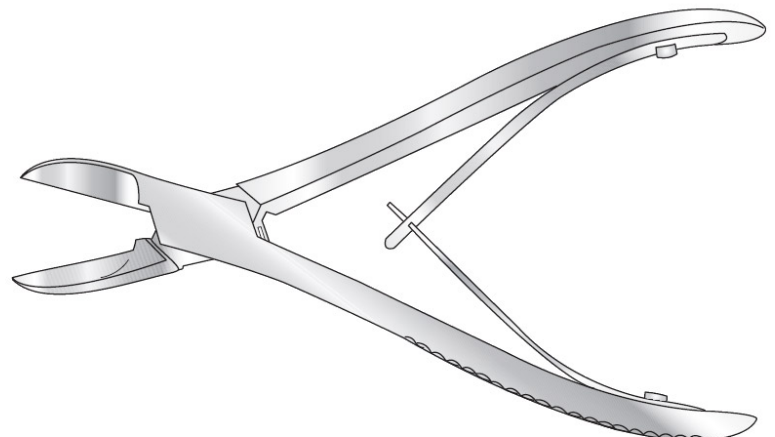
**SC-OR/033** 200mm long

**SC-OR/027** 220mm long

angled

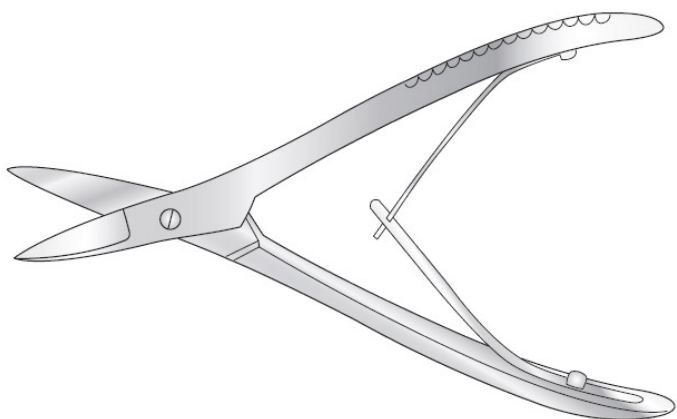
**SC-OR/061** 170mm long

**SC-OR/062** 220mm long



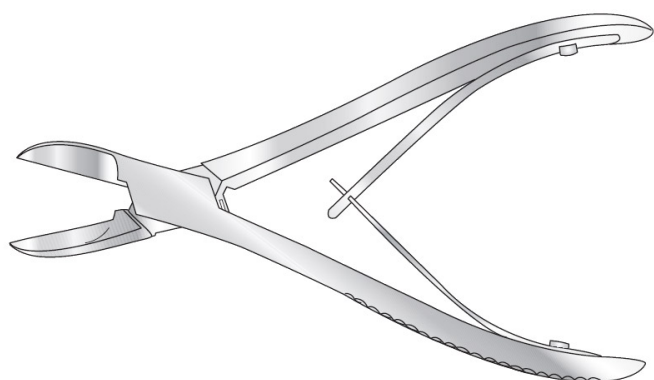
## BONE CUTTING FORCEPS

---



Screw joint bone  
cutting forcep  
straight

**SC-OR/030** 160mm long



Ruskin-Liston  
compound action  
bone cutting forcep  
fine

straight

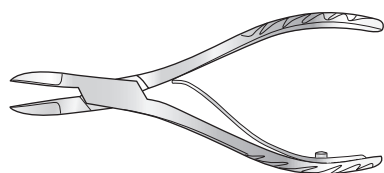
**SC-OR/057** 140mm long

**SC-OR/074** 145mm long

**SC-OR/073** 190mm long

angled

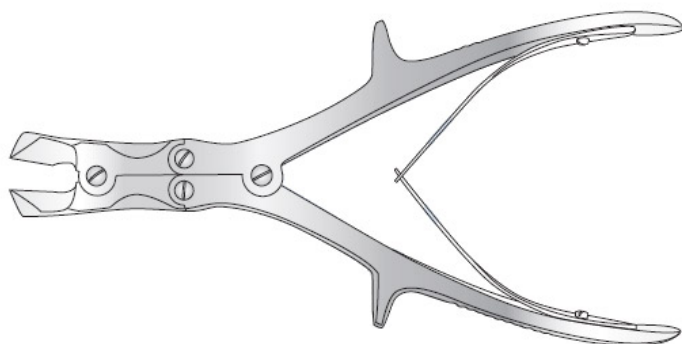
**SC-OR/063** 190mm long



Stamms box joint  
bone cutter

standard,  
stainless steel

**SC-OR/N056** 140mm long



Horsley compound  
action bone cutter

**SC-OR/002** 235mm long

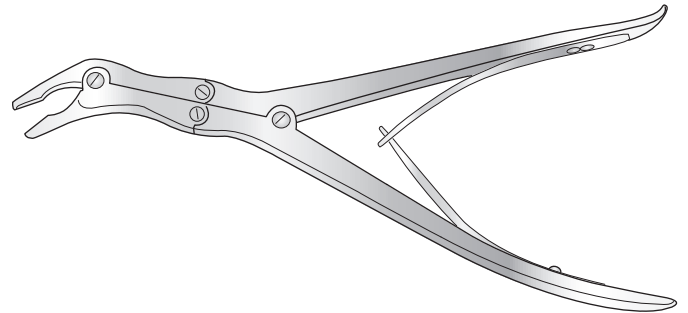
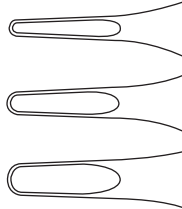
**Echlin compound action  
bone rongeur**

straight, with or without horn  
230mm long

**SC-OR/005** width 2mm

**SC-OR/006** width 3mm

**SC-OR/007** width 4mm



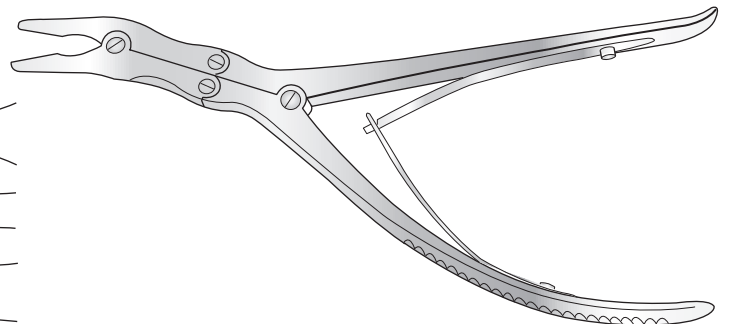
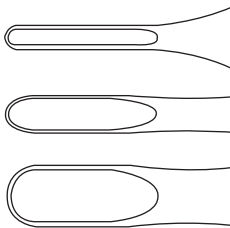
**Leksell compound action  
bone rongeur**

250mm long

**SC-OR/066** 3mm bite

**SC-OR/069** 5mm bite

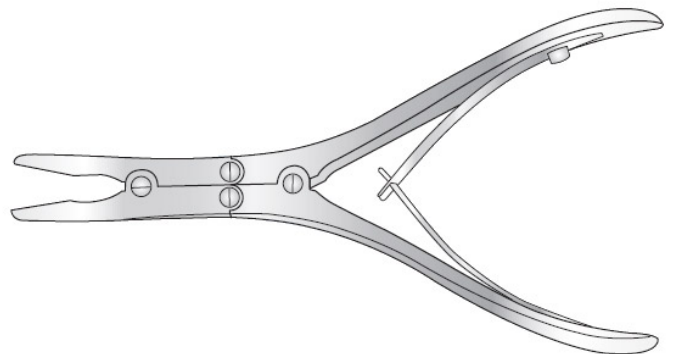
**SC-OR/065** 8mm bite



**Leksell compound action  
bone rongeur**

**SC-OR/008** width 3mm

240mm long

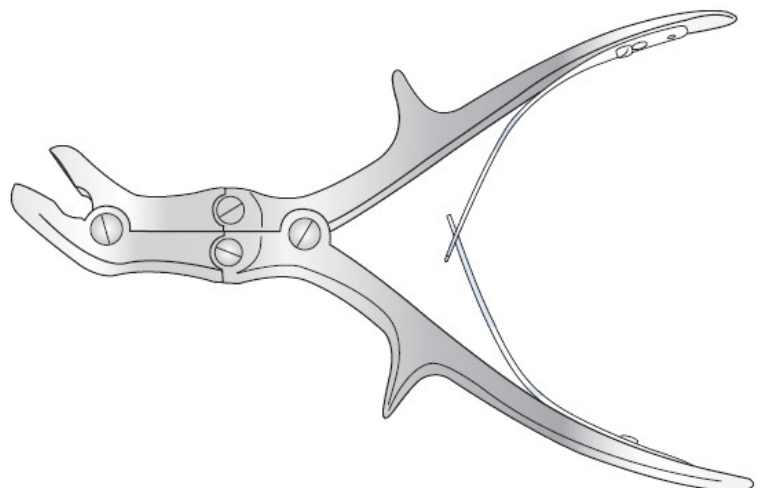
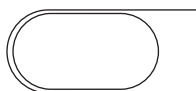


**Stille compound action  
bone rongeur**

angled to side

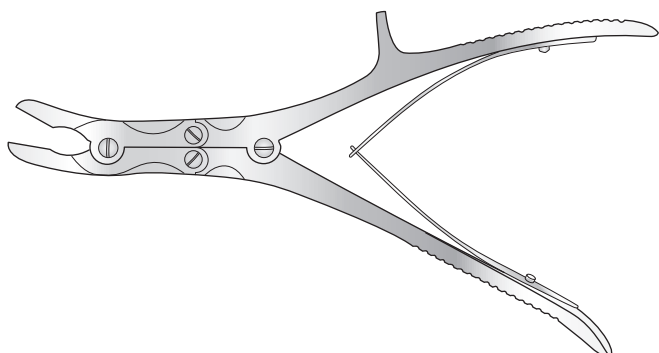
**SC-OR/037** 11mm bite,

240mm long



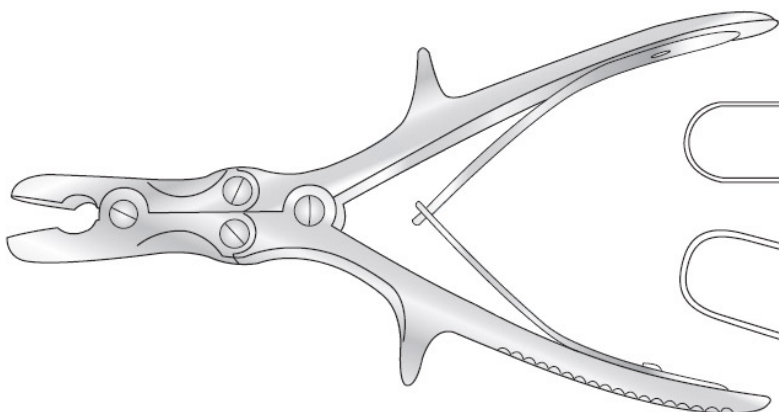


## BONE RONGEURS



**Leksell Stille compound action bone rongeur**

**SC-OR/065a** 8mm bite  
240mm long



**Luer Stille compound action bone rongeur**

straight

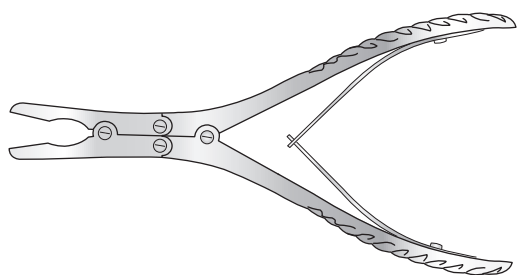
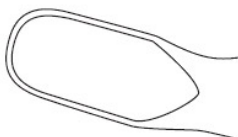
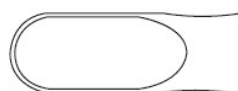
**SC-OR/071** 10mm bite,  
220mm long

**SC-OR/072** 12mm bite,  
260mm long

curved

**SC-OR/071a** 10mm bite,  
220mm long

**SC-OR/071b** 11mm bite,  
230mm long

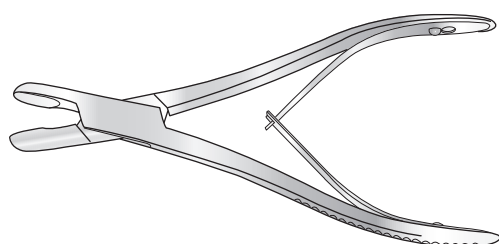
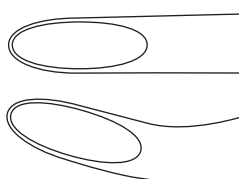


**Luer compound action bone rongeur**

6mm bite, 190mm long

**SC-OR/13** straight

**SC-OR/13a** curved



**Luer box joint bone rongeur**

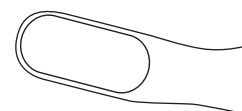
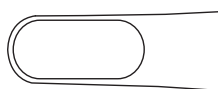
straight, 185mm long

**SC-OR/031** 8mm bite

**SC-OR/041** 10mm bite

curved, 210mm long

**SC-OR/042** 8mm bite



### Cushing screw joint bone rongeur

190mm long

straight

**SC-OR/039** 4mm bite

**SC-OR/058** 6mm bite

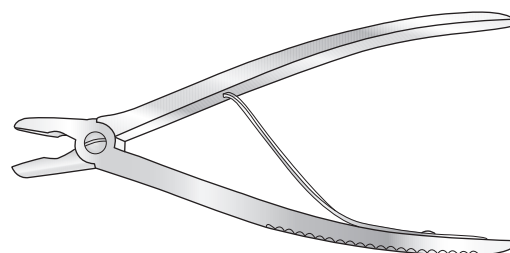
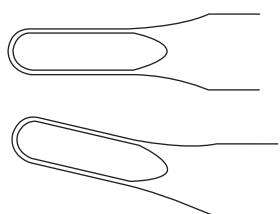
**SC-OR/059** 8mm bite

curved

**SC-OR/060** 4mm bite

**SC-OR/067** 6mm bite

**SC-OR/068** 8mm bite



### Ruskin compound action bone rongeur

3mm bite, 150mm long

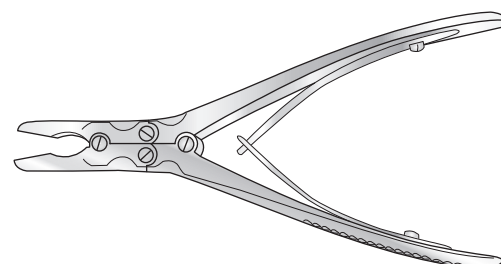
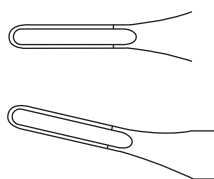
**SC-OR/034** straight

**SC-OR/035** curved

4mm bite, 185mm long

**SC-OR/028** straight

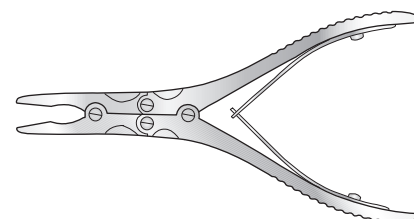
**SC-OR/036** curved



### Compound action bone rongeur

lightweight pattern  
curved, 150mm long

**SC-OR/013d** 4mm bite

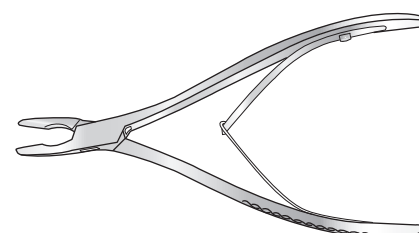
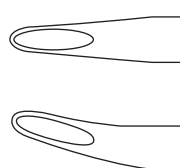


### Lempert box joint bone rongeur

3mm bite, 155mm long

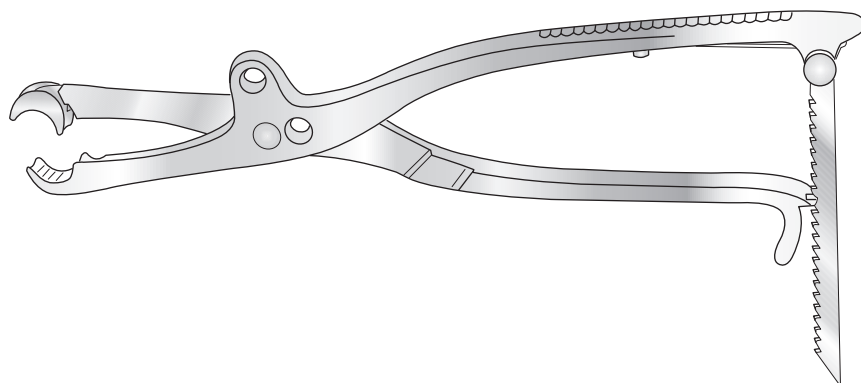
**SC-OR/327** straight

**SC-OR/010** curved



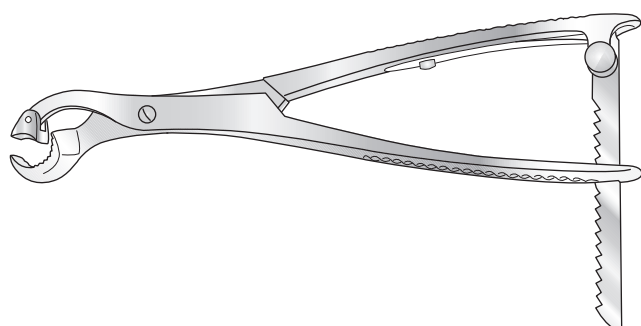
## BONE HOLDING FORCEPS

---



Lambotte  
bone holding forceps

**SC-OR/015** 265mm long

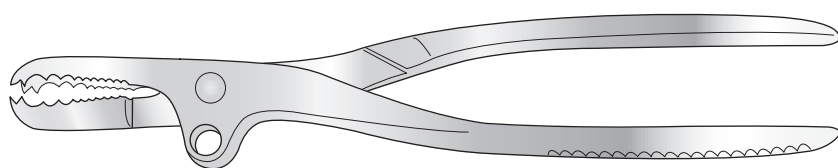


Lambotte  
bone holding forceps

**SC-OR/016** 220mm long

**SC-OR/017** 215mm long

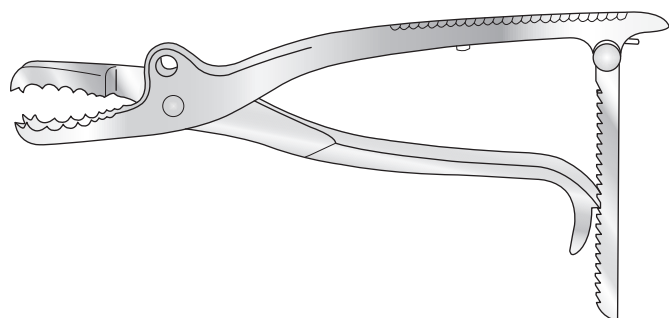
**SC-OR/022** 330mm long



Farabeuf  
bone holding forceps

**SC-OR/021** 230mm long

**SC-OR/328** 250mm long



Farabeuf-Lambotte  
bone holding forceps

**SC-OR/30e** 195mm long

**SC-OR/055** 250mm long

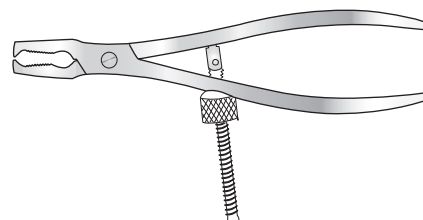
**SC-OR/30f** 260mm long

## BONE HOLDING FORCEPS

### Bone holding forceps

screw joint,  
with holding screw

**SC-OR/029** 165mm long



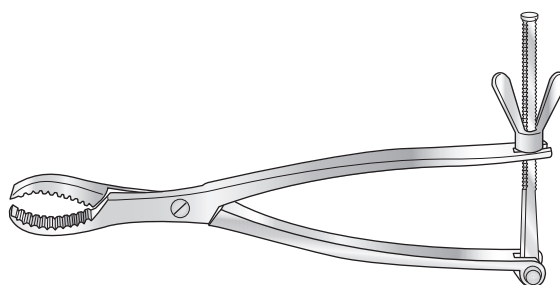
### Hey Groves bone holding forceps

with screw locking device

**SC-OR/29d** 200mm long

**SC-OR/29e** 225mm long

**SC-OR/29f** 305mm long



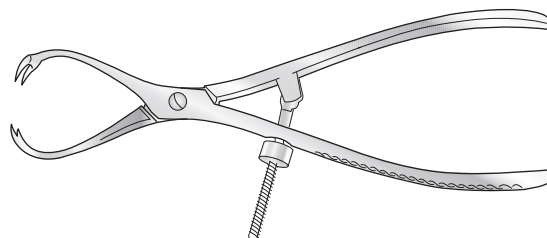
### Bone holding forceps

**SC-OR/13** 140mm long

**SC-OR/014** 185mm long

**SC-OR/018** 215mm long

**SC-OR/019** 275mm long

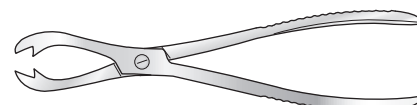


### Fergusson's bone holding forceps

**SC-OR/30** 150mm long

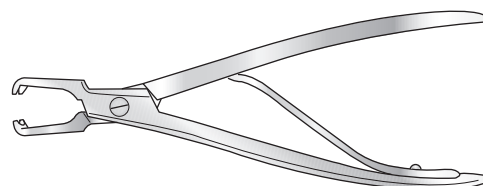
**SC-OR/30a** 200mm long

**SC-OR/30b** 230mm long

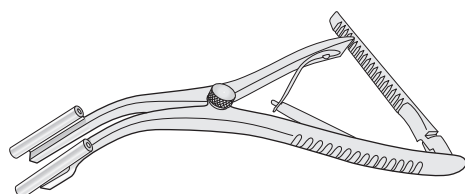


### Frosch bone holding forceps

**SC-OR/N061** 180mm long

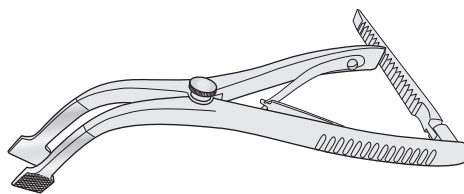


## BONE HOLDING FORCEPS



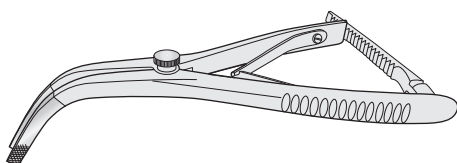
Joint calcaneal spreader

**SC-OR/CAL001** 40mm opening, 1.6mm $\varnothing$ , 170mm long



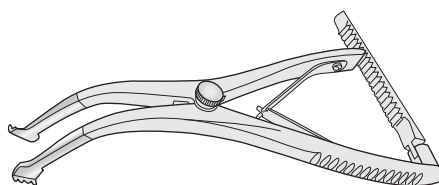
Calcaneal spreader

**SC-OR/CAL002** 40mm opening, 15mm wide tip, 70mm long



Inge type lamina spreader

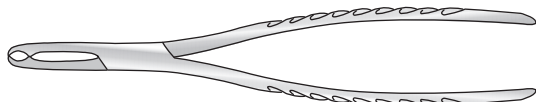
**SC-OR/CAL003** 40mm opening, no teeth, 5mm wide tip, 170mm long



Inge type lamina spreader

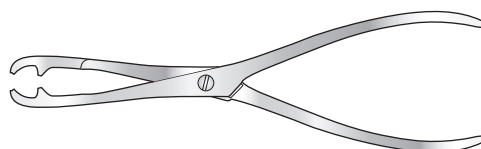
**SC-OR/CAL004** baby, 40mm opening, with teeth, 10mm wide tip, 160mm long

**SC-OR/CAL004a** 50mm opening, with teeth, 10mm wide tip, 240mm long



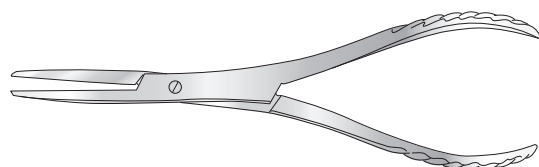
Harrison bone holding forceps

**SC-OR/30d** 190mm long



St Thomas bone holding forceps

**SC-OR/403c** 182mm long

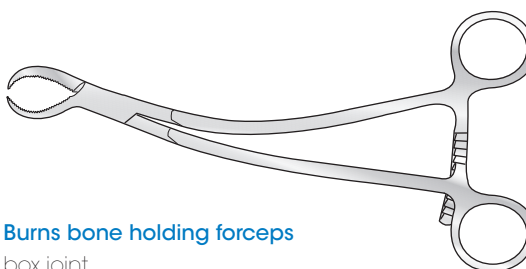


Sequestrum (Necrosis) forcep

straight, long fine jaws

**SC-OR/SEQ001** 191mm long

**SC-OR/SEQ002** 203mm long



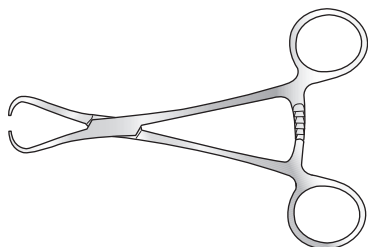
Burns bone holding forceps

box joint

**SC-OR/29a** 200mm long



## BONE HOLDING FORCEPS AND CLAMPS

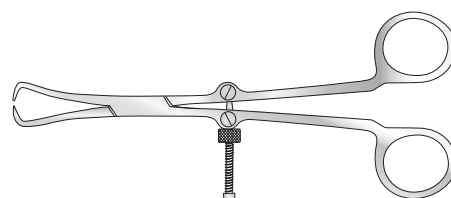


**Orthopaedic grasping forceps**

box joint

**SC-OR/29b** 125mm long

**SC-OR/29c** 165mm long

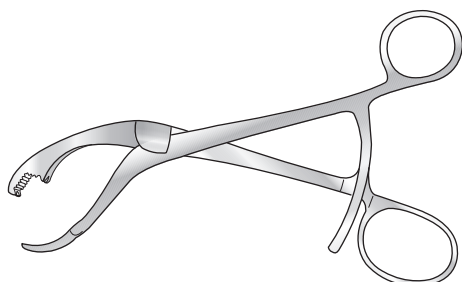


**Reduction forcep**

with adjustable lock

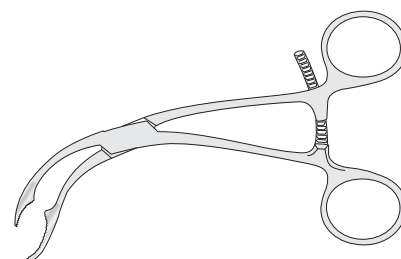
**SC-OR/RED001a** small, 135mm long

**SC-OR/RED001b** large, 168mm long



**Verbrugge bone holding forceps**

**SC-OR/30c** 180mm long



**Scarf type clamp**

**SC-OR/SCA** 150mm long

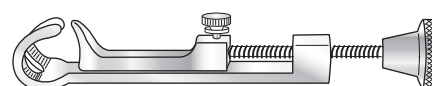
**Lowman bone holding clamp**

**SC-OR/28**

infant 125mm long

child 175mm long

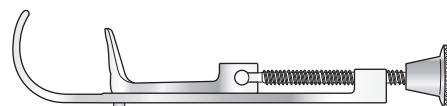
adult 205mm long



**Parker modified Lowman bone holding clamp, single**

**SC-OR/5644**

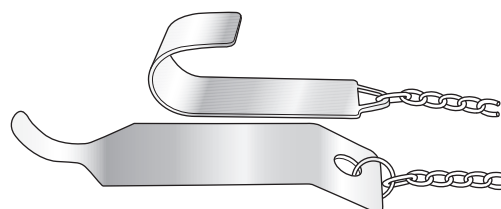
160mm long



**Parker retractor**

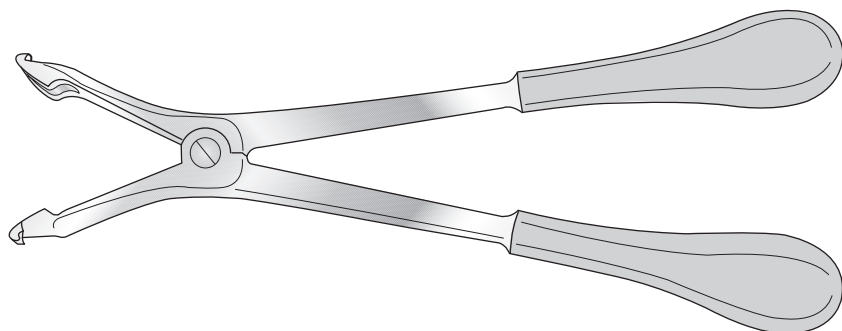
for use with Lowman clamp

**SC-OR/5643** chain 850mm long



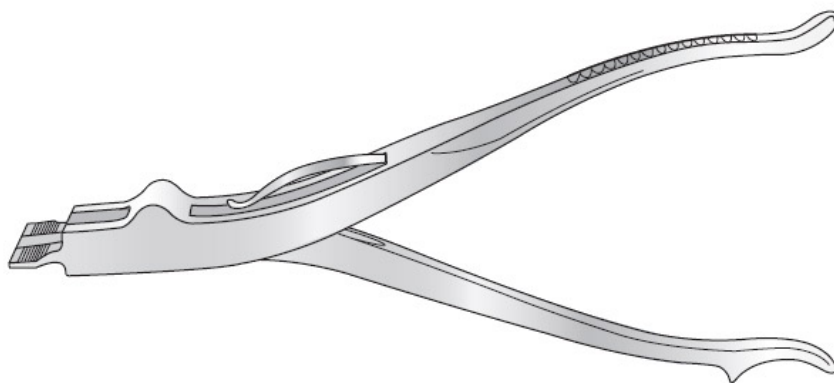
## PLASTER SPREADERS AND SHEARS

---



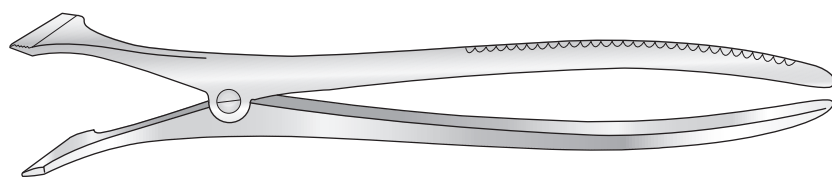
**Haglund plaster spreader**  
working part curved in right

**SC-OR/207** 280mm long



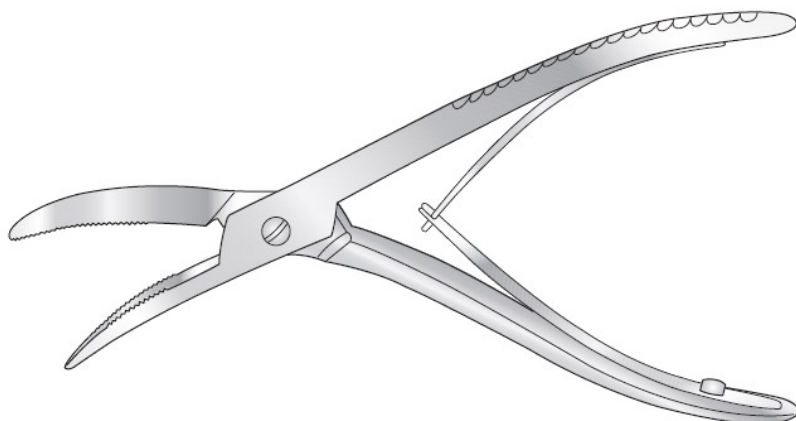
**Lawton plaster spreader**  
working part curved in right

**SC-OR/208** 220mm long



**Henning plaster spreader**

**SC-OR/211** 270mm long



**Wolf plaster spreader**

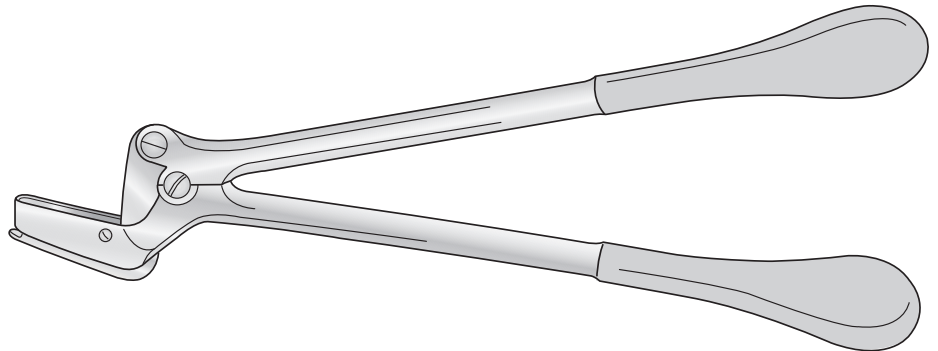
**SC-OR/212** 180mm long

**SC-OR/329** 250mm long

## PLASTER SHEARS

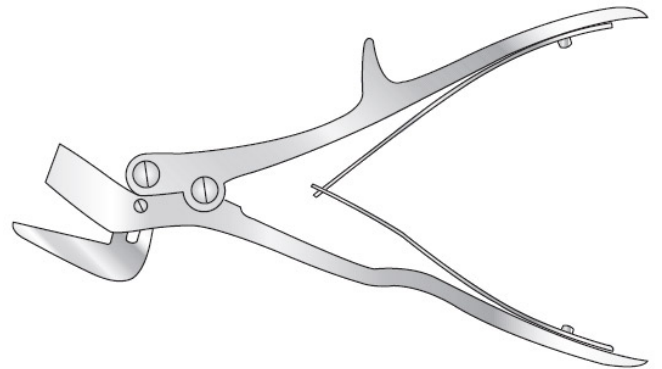
### Stille type plaster shears

**SC-OR/210** 380mm long  
**SC-OR/210a** 330mm long  
**SC-OR/210b** 460mm long



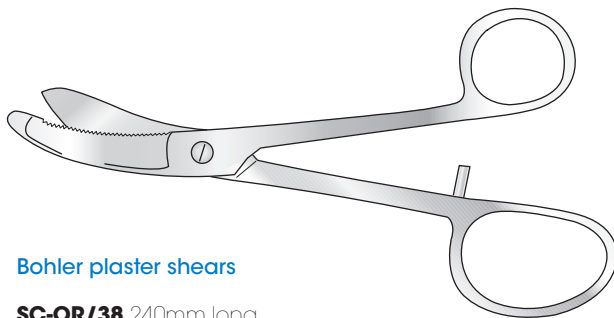
### Plaster cutter

**SC-OR/40** 240mm long



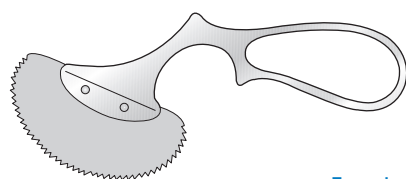
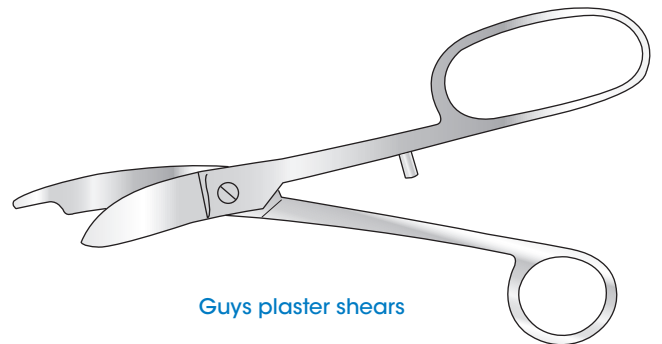
### Bohler plaster shears

**SC-OR/38** 240mm long



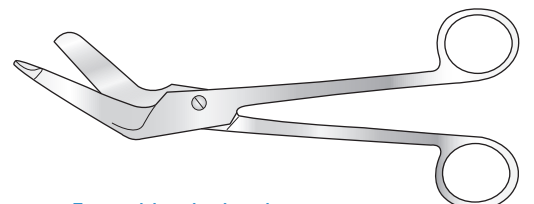
### Guys plaster shears

**SC-OR/39** 240mm long



### Engel plaster saw

**SC-OR/40b** 150mm long

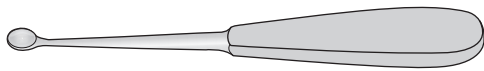


### Eccentric plaster shears

without heavy serrated blade

**SC-OR/40a** 190mm long

## BONE CURETTES



### Bone curette

straight, 180mm long

**SC-OR/075** width 2mm

**SC-OR/076** width 4mm

**SC-OR/077** width 6mm

**SC-OR/078** width 8mm

**SC-OR/079** width 10mm

**SC-OR/080** width 12mm

**SC-OR/081** width 14mm

**SC-OR/082** width 16mm



### Bone curette

straight, 260mm long

**SC-OR/083** width 2mm

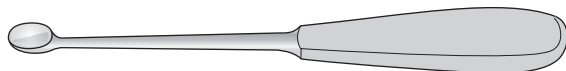
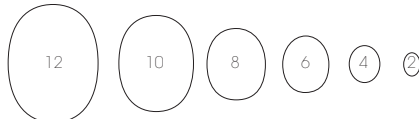
**SC-OR/084** width 4mm

**SC-OR/085** width 6mm

**SC-OR/086** width 8mm

**SC-OR/087** width 10mm

**SC-OR/088** width 12mm



### Bone curette

straight, 210mm long

**SC-OR/089** width 2mm

**SC-OR/090** width 4mm

**SC-OR/091** width 6mm

**SC-OR/092** width 8mm

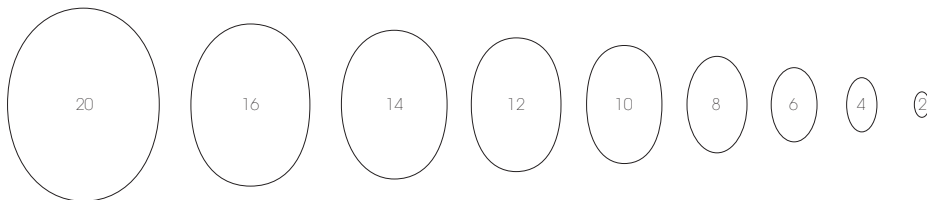
**SC-OR/093** width 10mm

**SC-OR/094** width 12mm

**SC-OR/095** width 14mm

**SC-OR/096** width 16mm

**SC-OR/097** width 20mm



### Busche bone curette

angled, 250mm long

**SC-OR/138** width 3mm

**SC-OR/139** width 4mm

**SC-OR/140** width 5mm



### Bruns bone curette

225mm long

straight

**SC-OR/189** width 3mm

**SC-OR/190** width 4mm

**SC-OR/191** width 5mm

**SC-OR/192** width 6mm

**SC-OR/193** width 7mm

**SC-OR/194** width 8mm

angled

**SC-OR/195** width 3mm

**SC-OR/196** width 4mm

**SC-OR/197** width 5mm

**SC-OR/198** width 6mm

**SC-OR/199** width 7mm

**SC-OR/200** width 8mm

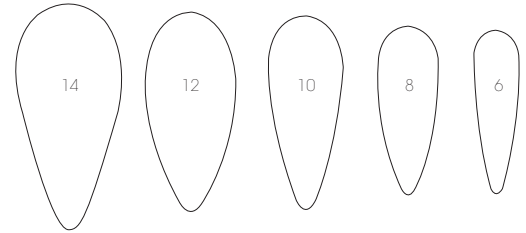


## BONE CURETTES

### Gourdet bone curette

straight, blunt  
280mm long

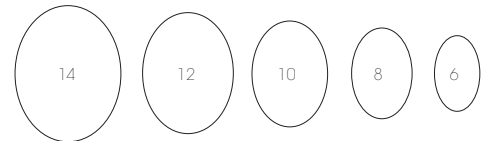
- SC-OR/157** width 6mm  
**SC-OR/158** width 8mm  
**SC-OR/159** width 10mm  
**SC-OR/160** width 12mm  
**SC-OR/161** width 14mm



### Shroeder bone curette

straight, 310mm long

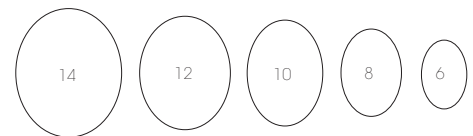
- SC-OR/151** width 6mm  
**SC-OR/152** width 8mm  
**SC-OR/153** width 10mm  
**SC-OR/154** width 12mm  
**SC-OR/155** width 14mm



### Simon bone curette

straight, 240mm long

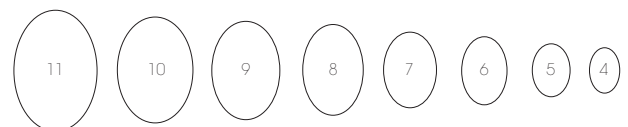
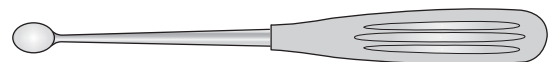
- SC-OR/145** width 6mm  
**SC-OR/146** width 8mm  
**SC-OR/147** width 10mm  
**SC-OR/148** width 12mm  
**SC-OR/149** width 14mm



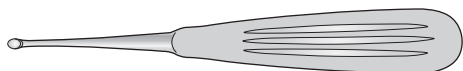
### Spinal curette

oval, 205mm long

- |                             |                              |
|-----------------------------|------------------------------|
| <b>SC-OR/031a</b> width 4mm | <b>SC-OR/031e</b> width 8mm  |
| <b>SC-OR/031b</b> width 5mm | <b>SC-OR/031f</b> width 9mm  |
| <b>SC-OR/031c</b> width 6mm | <b>SC-OR/031g</b> width 10mm |
| <b>SC-OR/031d</b> width 7mm | <b>SC-OR/031h</b> width 11mm |

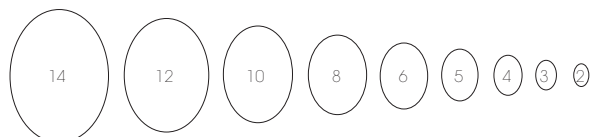


## BONE CURETTES



### Volkmann bone curette

straight, 170mm long



**SC-OR/112** width 2mm

**SC-OR/113** width 3mm

**SC-OR/114** width 4mm

**SC-OR/115** width 5mm

**SC-OR/116** width 6mm

**SC-OR/117** width 8mm

**SC-OR/118** width 10mm

**SC-OR/119** width 12mm

**SC-OR/120** width 14mm



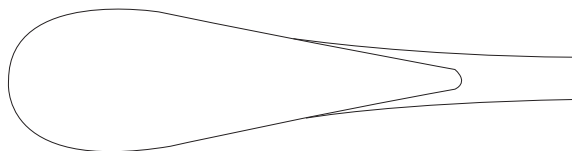
### Volkmann bone curette

straight, 230mm long

**SC-OR/SH.5687**

bowl width 10mm

bowl length 14.5mm



### Wallich bone curette

blunt

**SC-OR/162** 420mm long

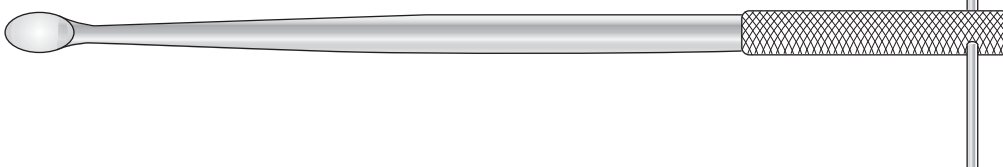


### Williger bone curette

straight, 170mm long

**SC-OR/122** width 3.5mm

**SC-OR/123** width 5.5mm



### Charnley bone curette

with T handle,

380mm long

**SC-OR/N040**

large, 20 x 14mm

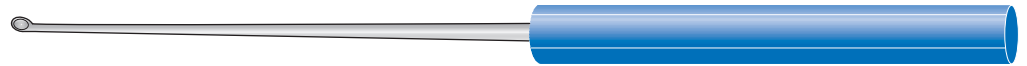
**SC-OR/N041**

medium, 17 x 12mm

**SC-OR/N042**

small, 11 x 8mm





### Sybert bone curette

Blue acetal "Suregrip" handle \*, 380mm long

straight

**SC-OR/236** width 3mm

**SC-OR/237** width 4mm

**SC-OR/238** width 5mm



angled

**SC-OR/240** width 3mm

**SC-OR/241** width 4mm

**SC-OR/245** width 5mm



### Bone curette

Blue acetal "Suregrip" handle \*, 410mm long.

straight

**SC-OR/249** width 3mm

**SC-OR/250** width 4mm

**SC-OR/251** width 5mm

angled

**SC-OR/252** width 3mm

**SC-OR/253** width 4mm

**SC-OR/254** width 5mm



### Caspar bone curette

Blue acetal "Suregrip" handle \*, 220mm long.

straight

**SC-OR/230** width 3.5mm

**SC-OR/231** width 4.5mm

**SC-OR/232** width 5.5mm

angled

**SC-OR/233** width 3.5mm

**SC-OR/234** width 4.5mm

**SC-OR/235** width 5.5mm



### Bone curette

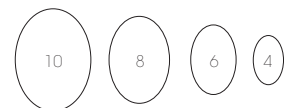
Blue acetal "Suregrip" handle \*, 270mm long, straight.

**SC-OR/226** width 4mm

**SC-OR/227** width 6mm

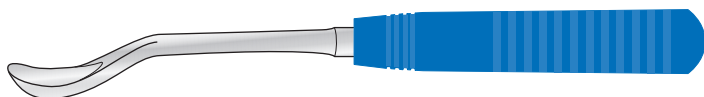
**SC-OR/228** width 8mm

**SC-OR/229** width 10mm



\* ALSO AVAILABLE WITH TUFNOL HANDLE

## BONE CURETTES



### Capener spoon

Blue acetal "Suregrip" handle \* 285mm long.

**SC-OR/389a** width 16mm

**SC-OR/389b** width 20mm



### Capener lamina curette

Blue acetal "Suregrip" handle \* 300mm long.

**SC-OR/389c** 12 x 32mm



### Capener lamina curette

Blue acetal "Suregrip" handle \* 300mm long.

**SC-OR/389d** 6 x 18mm



### Stanley Boyd curette

double ended



**SC-OR/SH-5313** small 1 50mm long

**SC-OR/SH-5313a** medium 200mm long

**SC-OR/SH-5314** large 250mm long



### Volkman bone scoop

double-ended, straight

**SC-OR/31** 175mm long

**SC-OR/213** 220mm long

**SC-OR/175** 220mm long



### Martini bone curette

SHOWN AT HALF SIZE  
double-ended, straight 140mm long

**SC-OR/170** small and medium

**SC-OR/171** medium and large

\* ALSO AVAILABLE WITH TUFNOL HANDLE

## BONE LEVERS

### Lanes bone lever

240mm long

6mm

**SC-OR/N011** slight curve

**SC-OR/N012** full curve

8mm

**SC-OR/N013** slight curve

**SC-OR/N014** full curve



### Lanes bone lever

for small bones

**SC-OR/N015** 10mm wide

265mm long

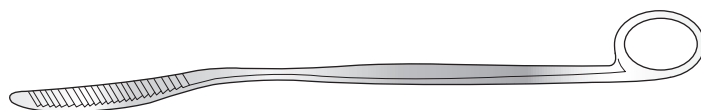


### Lanes bone lever

for small bones, serrated end

**SC-OR/N016** 10mm wide

260mm long



### Trethowan bone lever

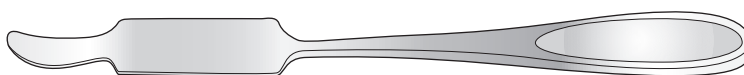
ring handle

**SC-OR/N017** 220mm long



### Watson-Jones bone lever

**SC-OR/N054** 275mm long

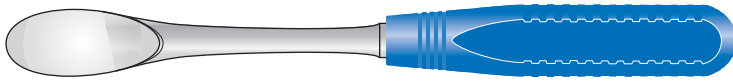


### Bankhart bone lever

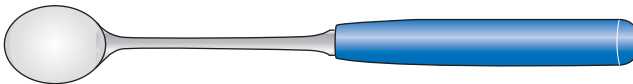
**SC-OR/SH.5315** 300mm long



## RETRACTORS



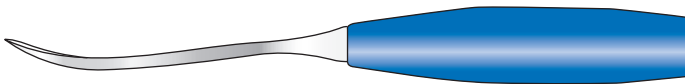
a



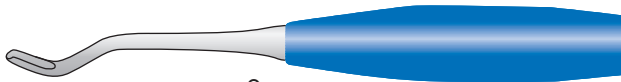
b



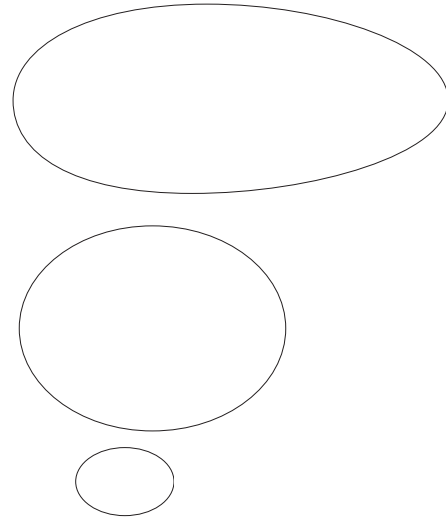
c



d



e



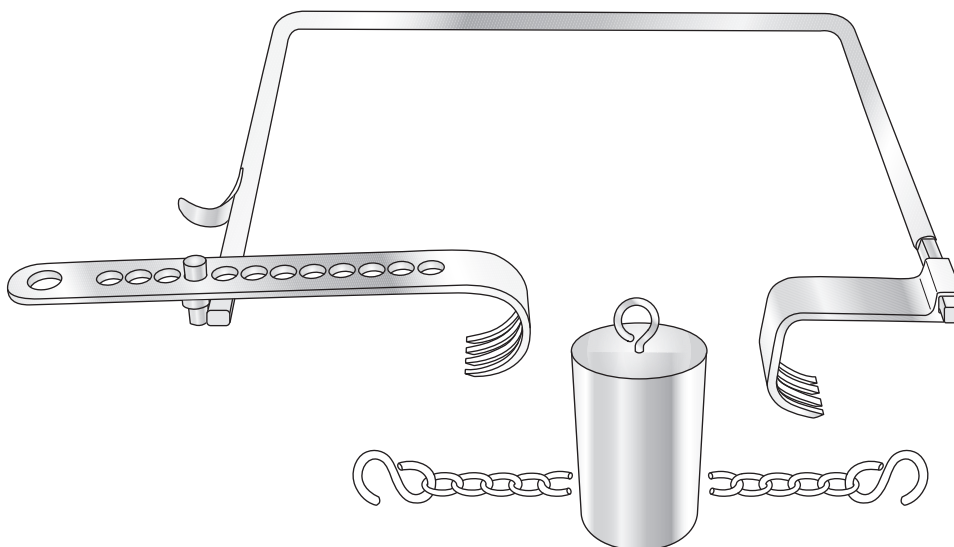
Bunch of 5's

**SC-OR/N059**

Blue acetal "Suregrip" handle \*

- a 1 x 25mm large Spoon Elevator
- b 1 x 27mm large Curette
- c 1 x 9mm small Curette
- d 1 x 20mm Curved Osteotome
- e 1 x 8mm small Gouge, cranked

\* ALSO AVAILABLE WITH TUFNOL HANDLE



Charnley initial incision  
retractor

**SC-OR/N038a**

frame only

**SC-OR/N038b**

weight only, 75mm x 50ø

**SC-OR/N038c**

short blade, 50mm deep

**SC-OR/N038d**

long blade, 50mm deep

**SC-OR/N038e**

short blade, 75mm deep

**SC-OR/N038f**

long blade, 75mm deep

**SC-OR/N038g**

short blade, 100mm deep

**SC-OR/N038h**

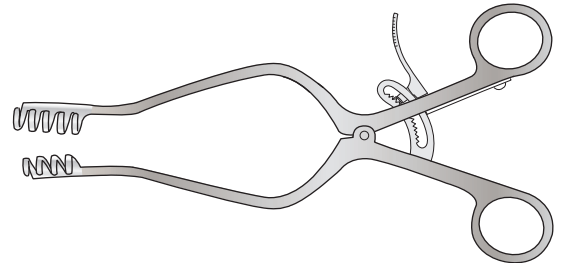
long blade, 100mm deep

## RETRACTORS

### Travers retractor

self retaining, internal rack, 210mm long

**SC-GI/323** 4 x 5 teeth,  
95mm fully open

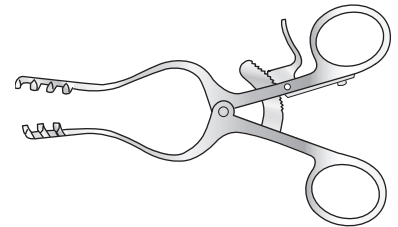


### West retractor

self retaining, 140mm long

**SC-GI/326** 3 x 4 teeth, 60mm fully open

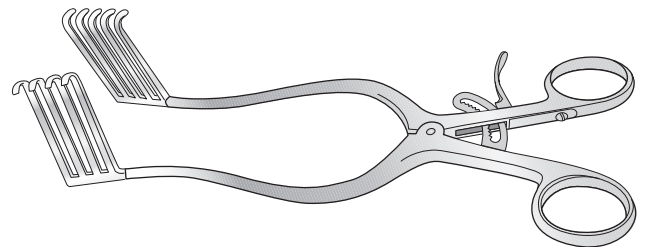
**SC-GI/326cr** 3 x 4 teeth, 60mm fully open, with cam rack



### Norfolk and Norwich retractor

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

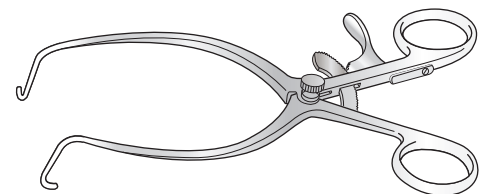
**SC-GI/325** 4 x 5 teeth,  
51mm blades



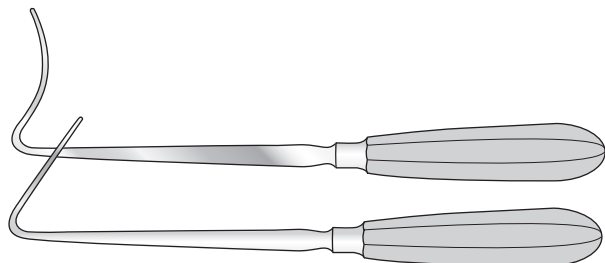
### Jackson Burrows retractor

self-retaining

**SC-GI/377** 175mm



## RETRACTORS, HOOKS



### Jackson Burrows hand retractor

225mm long

**SC-OR/N050** narrow curve, 13mm blade

**SC-OR/N050a** broad, angular, 20mm blade



### Ballance (Volkman) retractor 203mm long

sharp

**SC-GI/463** 1 prong

**SC-GI/463a** 2 prong

**SC-GI/463b** 3 prong

**SC-GI/463c** 4 prong

**SC-GI/463d** 6 prong

blunt

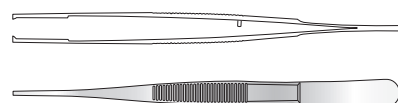
**SC-GI/463e** 1 prong

**SC-GI/463f** 2 prong

**SC-GI/463g** 3 prong

**SC-GI/463h** 4 prong

**SC-GI/463i** 6 prong

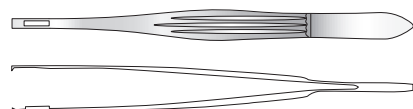


### Jackson Burrows dissecting forcep

140mm long

**SC-OR/N037** tongue and groove only

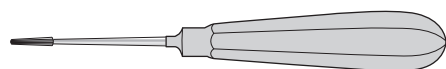
**SC-OR/N037a** tongue and groove, 1-2 teeth



### Charnley-McIndoe dissecting forceps

150mm long

**SC-OR/N045a** 2-3 teeth



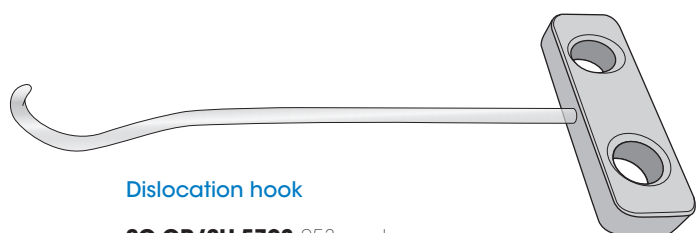
### Paton bone burr

satin handle, 155mm long

**SC-OR/403** 3.5mmø x 17mm

**SC-OR/403a** 4.5mmø x 17mm

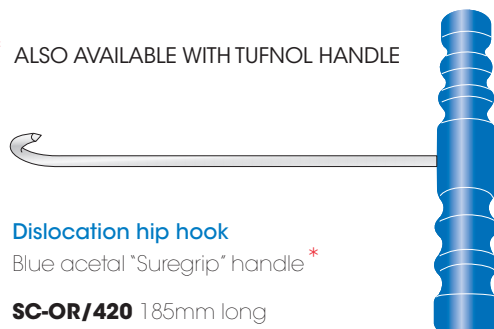
**SC-OR/403b** 5.0mmø x 17mm



### Dislocation hook

**SC-OR/SH-5703** 253mm long

\* ALSO AVAILABLE WITH TUFNOL HANDLE



### Dislocation hip hook

Blue acetal "Suregrip" handle \*

**SC-OR/420** 185mm long



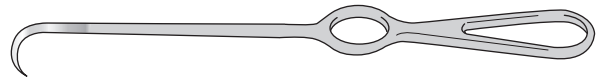
## HOOKS, RUGINES, AND RASPATORIES

### Kocher bone hook

220mm long

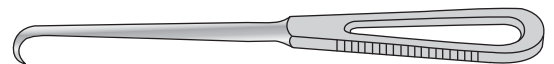
**SC-OR/N036** sharp

**SC-OR/N036a** blunt



### Langenbeck bone hook

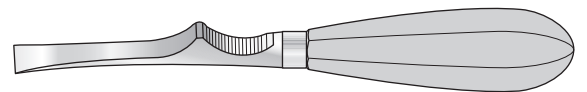
**SC-OR/391** 200mm long



### Mitchell rugine

straight, sharp edge,  
fan shaped, hollow handle

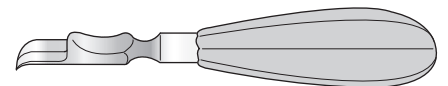
**SC-OR/N034** 210mm long



### Farabeuf rugine

curved end, chisel edge,  
hollow handle

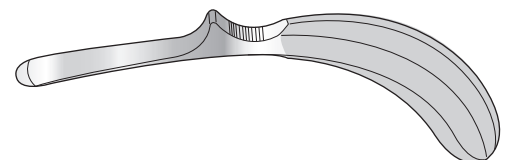
**SC-OR/N033** 160mm long



### Robert Jones rugine

convex sharp edge,  
fan shaped end,  
with solid pistol handle

**SC-OR/N035** 185mm long



### Key raspatories

**SC-OR/310** width 6.4mm 180mm long

**SC-OR/313** width 9.5mm 190mm long

**SC-OR/311** width 12.7mm 190mm long

**SC-OR/312** width 19mm 200mm long

**SC-OR/314** width 25.4mm 210mm long



### Lambotte raspatory

205mm long

**SC-OR/242** width 10mm

**SC-OR/243** width 15mm

**SC-OR/244** width 20mm



## OSTEOTOMES, CHISELS AND GOUGES

### Lexer osteotome

Blue acetal "Suregrip" handle \*, 4mm, 180mm long.

**SC-OR/SH5347a**



### Capener osteotome

Blue acetal "Suregrip" handle \*, 250mm long.

shallow curved

**SC-OR/384** width 6mm

**SC-OR/385** width 10mm

**SC-OR/386** width 12mm

**SC-OR/387** width 15mm

**SC-OR/388** width 20mm

**SC-OR/389** width 25mm

**SC-OR/390** width 30mm

acute curved

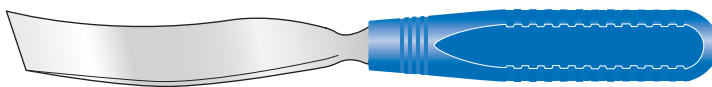
**SC-OR/390a** width 6mm

**SC-OR/390b** width 10mm

**SC-OR/390c** width 15mm

**SC-OR/390d** width 20mm

**SC-OR/390e** width 25mm



### Capener osteotome

Blue acetal "Suregrip" handle \*, straight, 255mm long.

**SC-OR/374** width 6mm

**SC-OR/375** width 8mm

**SC-OR/376** width 10mm

**SC-OR/377** width 12mm

**SC-OR/378** width 13mm

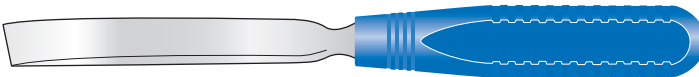
**SC-OR/379** width 15mm

**SC-OR/380** width 18mm

**SC-OR/381** width 20mm

**SC-OR/382** width 25mm

**SC-OR/383** width 30mm



### Capener chisel

Blue acetal "Suregrip" handle \*, straight, 250mm long.

**SC-OR/368** width 6mm

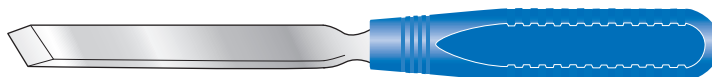
**SC-OR/369** width 10mm

**SC-OR/370** width 12mm

**SC-OR/371** width 15mm

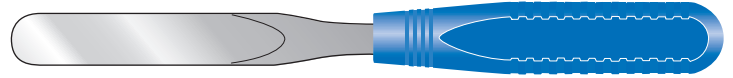
**SC-OR/372** width 20mm

**SC-OR/373** width 25mm



\* ALSO AVAILABLE WITH TUFNOL HANDLE

## OSTEOTOMES, CHISELS AND GOUGES

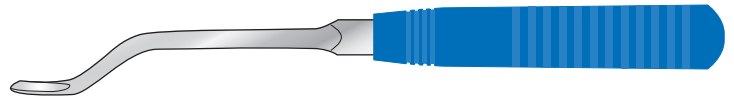


### Capener lamina gouge

Blue acetal "Suregrip" handle, straight\*, 265mm long.

**SC-OR/362** width 6mm  
**SC-OR/363** width 10mm  
**SC-OR/364** width 12mm

**SC-OR/365** width 15mm  
**SC-OR/366** width 20mm  
**SC-OR/367** width 25mm



### Capener lamina gouge

cranked, Blue acetal "Suregrip" handle\*, 250mm long.

OTHER LENGTHS AND SIZES AVAILABLE

**SC-OR/373c** width 6mm  
**SC-OR/373d** width 8mm  
**SC-OR/373j** width 10mm  
**SC-OR/373e** width 11mm  
**SC-OR/373f** width 16mm  
**SC-OR/373k** width 17mm

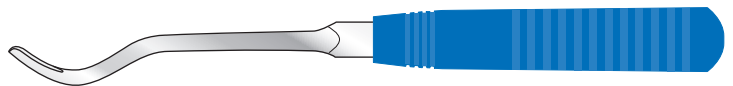
with reversed edge

**SC-OR/373cre** width 6mm  
**SC-OR/373dre** width 8mm  
**SC-OR/373jre** width 10mm  
**SC-OR/373ere** width 11mm  
**SC-OR/373fre** width 16mm  
**SC-OR/373kre** width 17mm

### Capener lamina gouge

swan neck, Blue acetal "Suregrip" handle\*, 250mm long.

**SC-OR/373g** width 8mm



### Capener lamina gouge

reverse cranked, Blue acetal "Suregrip" handle\*, 245mm long.

**SC-OR/3730r** width 6mm  
**SC-OR/3731r** width 8mm  
**SC-OR/373mr** width 10mm

**SC-OR/373ar** width 11mm  
**SC-OR/373nr** width 16mm  
**SC-OR/373jr** width 17mm

\* ALSO AVAILABLE WITH TUFNOL HANDLE

## OSTEOTOMES, CHISELS AND GOUGES



### Read osteotome

serrated head  
180mm long

**SC-OR/335** width 4mm

**SC-OR/336** width 5mm



### Read gouge

serrated head, 180mm long

**SC-OR/344** width 2mm

**SC-OR/345** width 3mm

**SC-OR/346** width 4mm

**SC-OR/347** width 5mm

**SC-OR/341** width 6mm

**SC-OR/342** width 7mm

**SC-OR/343** width 8mm



### Read chisel

serrated head, 180mm long

**SC-OR/337** width 2mm

**SC-OR/338** width 3mm

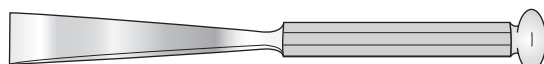
**SC-OR/339** width 4mm

**SC-OR/340** width 5mm

**SC-OR/341** width 6mm

**SC-OR/342** width 7mm

**SC-OR/343** width 8mm



### Swedish pattern osteotome

200mm long

**SC-OR/348** width 10mm

**SC-OR/349** width 15mm

**SC-OR/350** width 20mm

**SC-OR/351** width 25mm

**SC-OR/352** width 30mm

with tungsten carbide edge

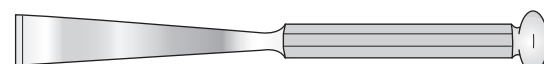
**SC-OR/348tc** width 10mm

**SC-OR/349tc** width 15mm

**SC-OR/350tc** width 20mm

**SC-OR/351tc** width 25mm

**SC-OR/352tc** width 30mm



### Swedish pattern chisel

200mm long

**SC-OR/353** width 10mm

**SC-OR/354** width 15mm

**SC-OR/355** width 20mm

**SC-OR/356** width 25mm

**SC-OR/357** width 30mm

with tungsten carbide edge

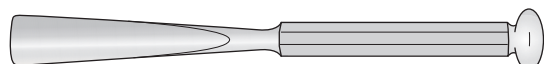
**SC-OR/355tc** width 20mm

**SC-OR/356tc** width 25mm

**SC-OR/357tc** width 30mm

**SC-OR/356tc** width 25mm

**SC-OR/357tc** width 30mm



### Swedish pattern gouge

200mm long

**SC-OR/358** width 10mm

**SC-OR/359** width 15mm

**SC-OR/360** width 20mm

**SC-OR/361** width 25mm

with tungsten carbide edge

**SC-OR/358tc** width 10mm

**SC-OR/359tc** width 15mm

**SC-OR/360tc** width 20mm

**SC-OR/361tc** width 25mm



### Lambotte osteotome

230mm long

straight

**SC-OR/392** 2mm wide

**SC-OR/392a** 4mm wide

**SC-OR/392b** 7mm wide

**SC-OR/392c** 15mm wide

**SC-OR/392d** 20mm wide

**SC-OR/392e** 25mm wide

**SC-OR/392f** 30mm wide

**SC-OR/392g** 38mm wide

**SC-OR/392h** 44mm wide

**SC-OR/392i** 50mm wide

curved

**SC-OR/392j** 15mm wide

**SC-OR/392k** 20mm wide

**SC-OR/392m** 25mm wide

**SC-OR/392n** 30mm wide

**SC-OR/392o** 38mm wide

**SC-OR/392p** 40mm wide

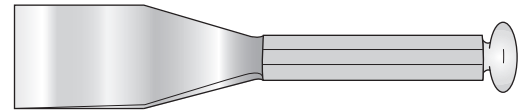
**SC-OR/392q** 44mm wide

**SC-OR/392r** 50mm wide

## OSTEOTOMES, CHISELS AND GOUGES

**Albee osteotome**  
190mm long

**SC-OR/NO62a** width 38mm  
**SC-OR/NO62b** width 50mm



**Moore hollow osteotome**  
rectangular, for curved standard stems

**SC-OR/N008** 135mm long  
**SC-OR/N008a** 255mm long



**Small osteotomes**  
150mm long

**SC-OR/14-4** 4mm wide  
**SC-OR/14-6** 6mm wide  
**SC-OR/14-8** 8mm wide



**Small chisels**  
150mm long

**SC-OR/18-4** 4mm wide  
**SC-OR/18-6** 6mm wide  
**SC-OR/18-8** 8mm wide

**Small gouges**  
150mm long

**SC-OR/16-4** 4mm wide  
**SC-OR/16-6** 6mm wide  
**SC-OR/16-8** 8mm wide

**Box chisel**  
Blue acetal "Suregrip" handle \*,  
285mm long

**SC-OR/N008b**



\* ALSO AVAILABLE WITH TUFNOL HANDLE

**Alexander gouge**  
straight, 170mm long

**SC-OR/290** width 5mm  
**SC-OR/291** width 7mm

**SC-OR/292** width 9mm  
**SC-OR/293** width 11mm



**Partsch gouge**  
straight

140mm long

**SC-OR/283** width 3mm  
**SC-OR/284** width 4mm  
**SC-OR/285** width 5mm  
**SC-OR/286** width 6mm

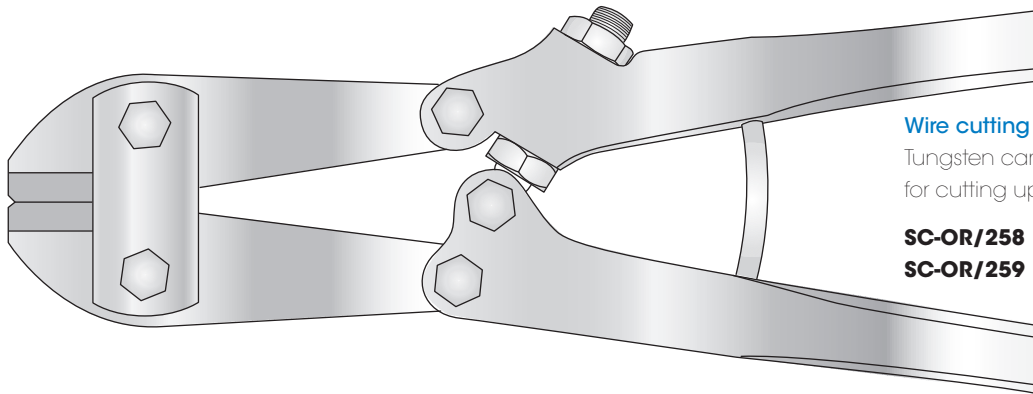
170mm long

**SC-OR/294** width 3mm  
**SC-OR/287** width 4mm  
**SC-OR/295** width 5mm  
**SC-OR/288** width 6mm  
**SC-OR/289** width 7mm



## WIRE CUTTERS

---

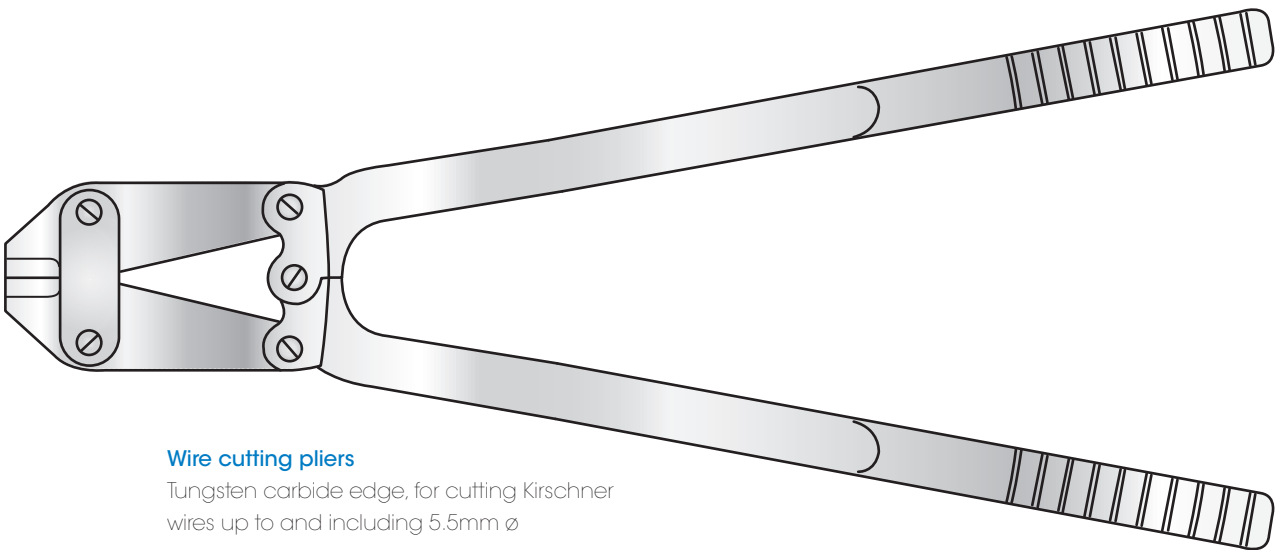


### Wire cutting pliers

Tungsten carbide edge,  
for cutting up to and including 6mm Ø

**SC-OR/258** 450mm long

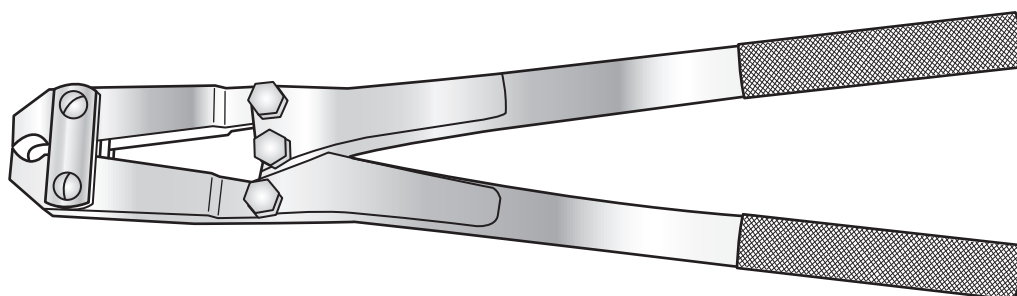
**SC-OR/259** 560mm long



### Wire cutting pliers

Tungsten carbide edge, for cutting Kirschner  
wires up to and including 5.5mm Ø

**SC-OR/07a** 480mm long



### Wire cutting pliers

Tungsten carbide edge,  
for cutting Kirschner  
wires up to 4mm Ø

**SC-OR/261**

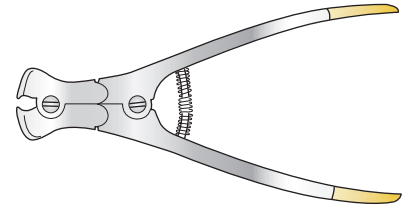
380mm long

**Top cutter**

gold handles, Tungsten carbide edge,  
for cutting kirschner wire

**SC-OR/06** up to 2.5mm, 215mm long

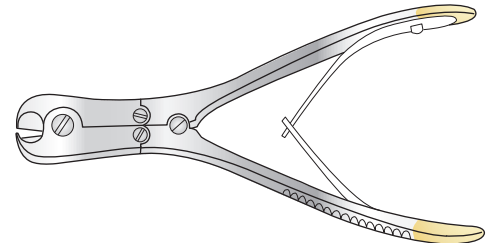
**SC-OR/06a** up to 1.5mm, 145mm long



**Top and side cutter**

small, gold handles, Tungsten carbide edge,  
for cutting Kirschner wires up to 1.5mmØ

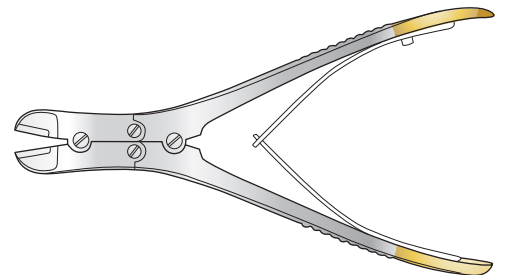
**SC-OR/06b** 175mm long



**Side cutter**

compound action, angled Tungsten carbide jaw,  
gold handles, for Kirschner wire up to 1.6mmØ

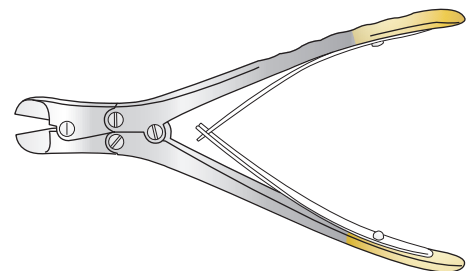
**SC-OR/N060** 180mm long



**Side cutter**

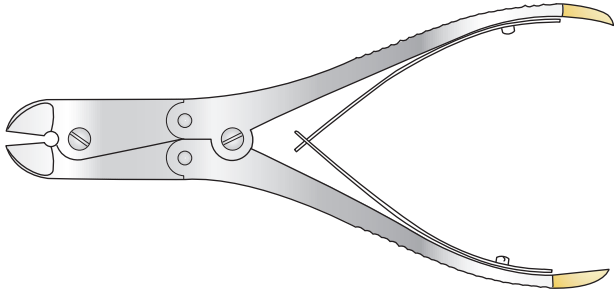
gold handles, Tungsten carbide edge,  
for cutting Kirschner wires up to 1.5mm Ø,

**SC-OR/260** 170mm long





## WIRE CUTTERS AND PLIERS



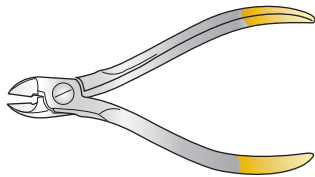
### Side cutter

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

**SC-OR/331** up to 2.5mm $\varnothing$ , 230mm long

**SC-OR/332** up to 2.2mm $\varnothing$ , 215mm long

**SC-OR/333** up to 1.5mm $\varnothing$  145mm long



### Wire cutting pliers

gold handles, Tungsten carbide edge, 120mm long

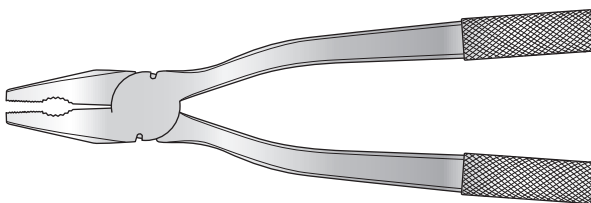
**SC-OR/263** for wire up to 0.2mm  $\varnothing$

**SC-OR/267** for wire up to 0.3mm  $\varnothing$

**SC-OR/262** for wire up to 0.5mm  $\varnothing$

**SC-OR/269** for wire up to 0.5mm  $\varnothing$  115mm long

**SC-OR/268** for wire up to 0.7mm  $\varnothing$

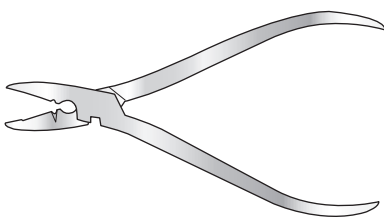


### Orthopaedic plier/cutter

stainless steel

**SC-OR/271b** 180mm long

**SC-OR/271c** 220mm long

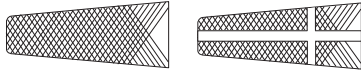


### Bone plate bender/ wire cutter pliers

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

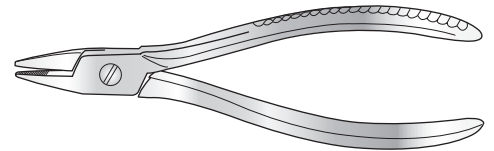
**SC-OR/32a** 150mm long

Pliers for wire 175mm long

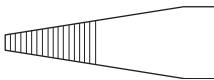


**SC-OR/273**

**SC-OR/275**



Pliers for bone burrs 190mm long



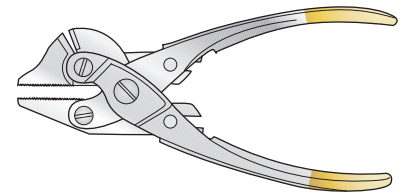
**SC-OR/274**

Orthopaedic plier/cutter

stainless steel, Tungsten carbide edge,  
for cutting kirshner wire up to 1.6mm

**SC-OR/271a** TC 180mm long

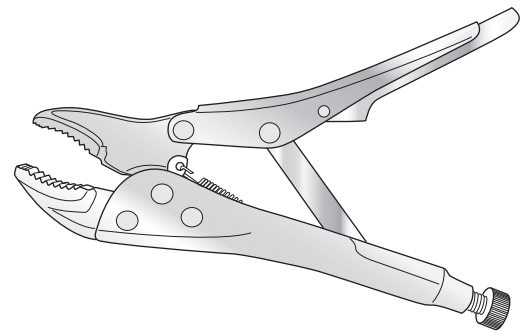
**SC-OR/271b** non TC for cutting soft wire only, max cut 1.6mm, 180mm long



Mole grip type wrench

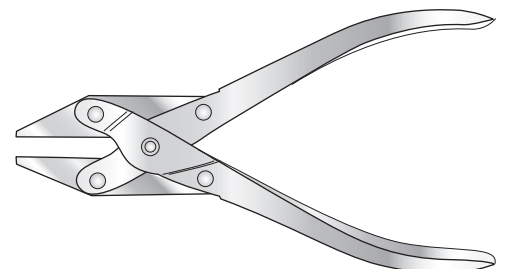
stainless steel

**SC-OR/N052** 190mm long



Orthopaedic pliers

**SC-OR/49b** 185mm



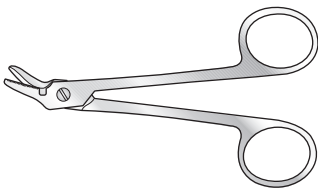
## ACCESSORIES

---



Wire twister biomet type

**SC-OR/49a** 150mm long



Suture wire cutting scissors

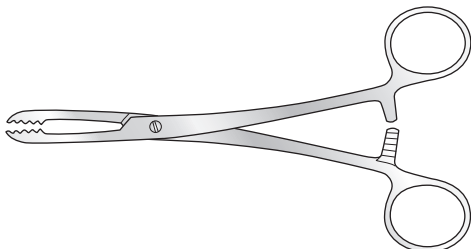
angled to cut soft wire only, max cut 1.2mm

**SC-OR/07b** 120mm long



Suture wire cutting scissors

**SC-OR/07c** 110mm long



Martin cartilage forceps

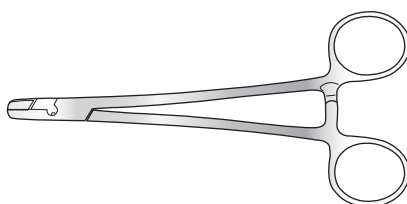
**SC-OR/393** 180mm long



Charnley suture forcep

slotted, 1-2 teeth

**SC-OR/N045** 180mm long



Wire twister and cutter

to cut soft wire only, max cut 1.6mm

**SC-OR/49** 150mm long

## MALLETS

### Mallet

with serrated head, 170mm long

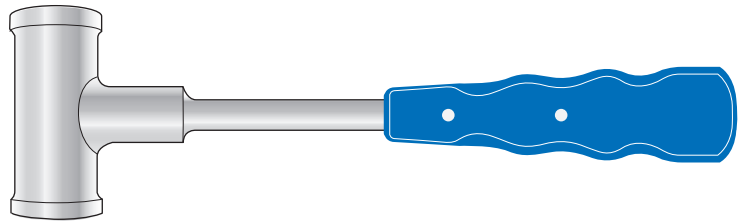
**SC-OR/023** 190 grams



### Mallet

Blue acetal "Suregrip" handle  
275mm long

**SC-OR/270A-BH**

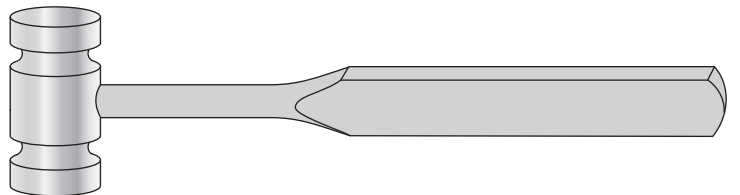


### Mallet

stainless steel, 270mm long

**SC-OR/270** 640 grams

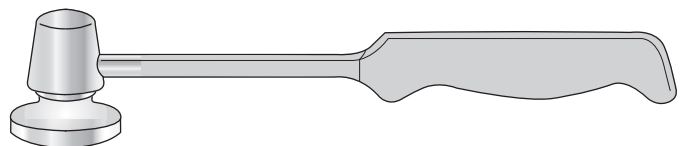
**SC-OR/271** 1020 grams



### Mallet

stainless steel, with pistol grip  
240mm long

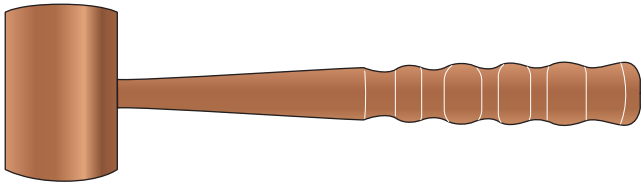
**SC-OR/20** 580 grams



\* ALSO AVAILABLE WITH TUFNOL HANDLE

## MALLETS

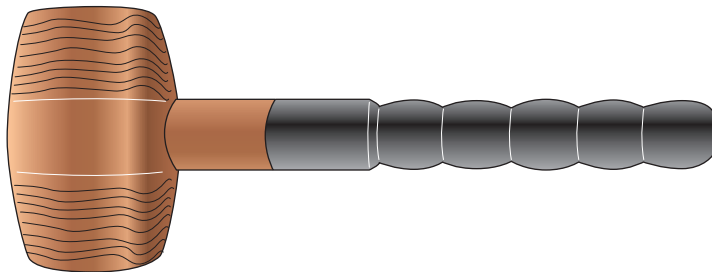
---



### Mallet

'Tufnol', 240mm long

**SC-OR/LE1001** 340 grams, vertical end

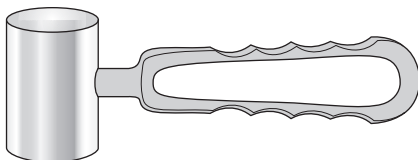
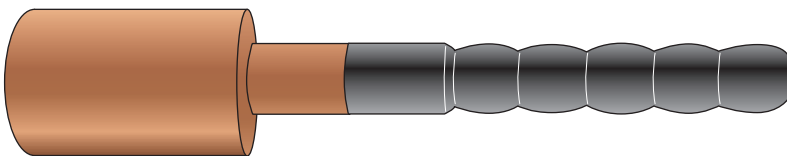


### Mallet

'Tufnol', 255mm long

**SC-OR/22a** 520 grams, vertical end

**SC-OR/22** 650 grams, horizontal end



### Heath mallet

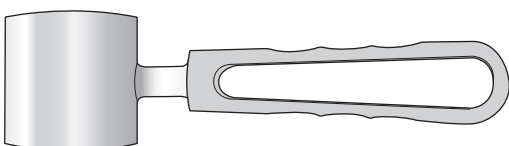
stainless steel, 135mm long

**SC-OR/N044c** 650 grams

**SC-OR/N044b** 920 grams

**SC-OR/N044** 1150 grams

**SC-OR/N044a** 1340 grams



### Royal Cornwall mallet

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

**SC-OR/N044rc** 1000 grams

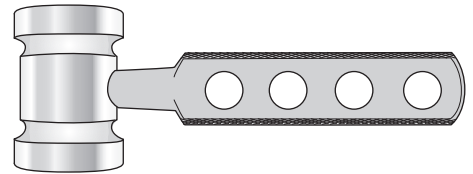
**Orthopaedic mallet**

Surgical Holdings pattern,  
stainless steel, 170mm long

**SC-OR/N055b** 800 grams

**SC-OR/N055** 880 grams

**SC-OR/N055a** 1020 grams

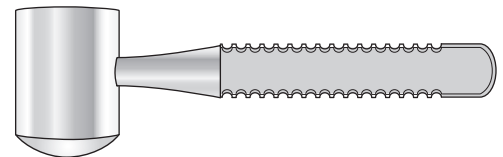


**Orthopaedic mallet**

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

**SC-OR/272a** 960 grams

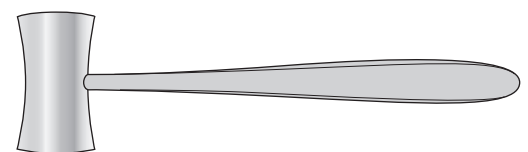
**SC-OR/272c** 750 grams



**Toffee hammer**

stainless steel, one plain and one serrated side, 190mm long

**SC-OR/N047** 280 grams

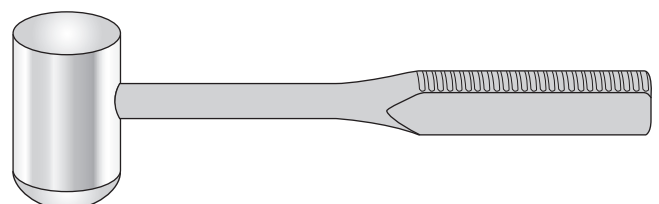


**Ombredanne mallet**

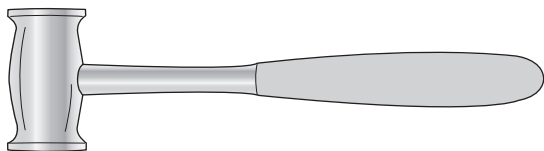
stainless steel, one flat and one domed end

**SC-OR/272** 950 grams, 240mm long

**SC-OR/272b** 1110 grams, 270mm long



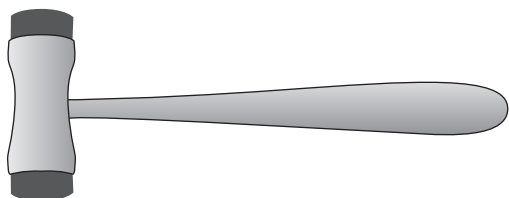
## MALLETS



### Collin mallet

stainless steel, 205mm long

**SC-OR/23** 270grams

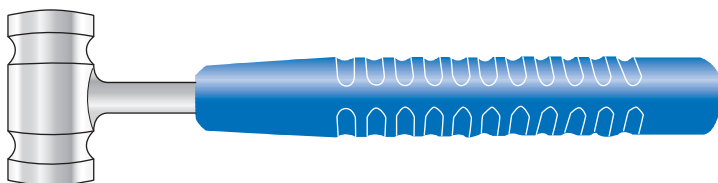


### Kelsey Fry mallet

with renewable acetal ends, 190mm long

**SC-OR/N047a** 280 grams

**SC-OR/N048** replacement end - pair



### Surgical Holdings orthopaedic mallet

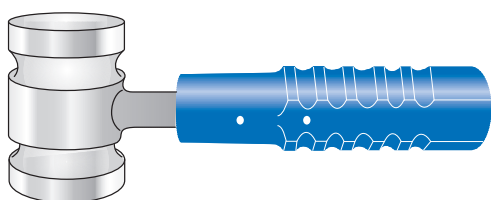
Stainless steel with Blue acetal "Suregrip" handle  
270mm long

**SC-OR/410** 720 grams

**SC-OR/411** 800 grams

**SC-OR/412** 900 grams

**SC-OR/413** 970 grams



### Surgical Holdings orthopaedic mallet

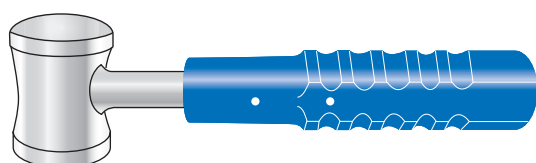
Stainless steel with blue acetal "Suregrip" handle  
200mm long

**SC-OR/414BH** 660 grams

**SC-OR/415BH** 790 grams

**SC-OR/416BH** 1020 grams

**SC-OR/417BH** 1400 grams



### Surgical Holdings mallet

Stainless steel with Blue acetal "Suregrip" handle  
domed faced head, 200mm long

**SC-OR/418BH** 650 grams



### Putti rasp

**SC-OR/12** 300mm long

OTHER SHAPES AND  
CONFIGURATIONS ON REQUEST



### Bone file and rasp

stainless steel

**SC-OR/12a** 215mm long

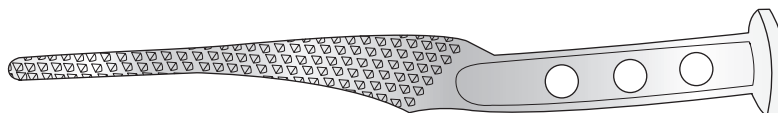


### Austin Moore type rasp

including Tommy bar.  
295mm long

**SC-OR/HP001** standard

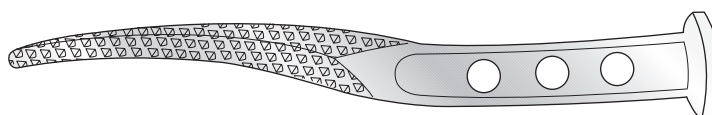
**SC-OR/HP002** narrow  
not illustrated



### Thompson type rasp

including Tommy bar

**SC-OR/HP003** 270mm long



### MANY OTHER TYPES AVAILABLE

SUPPLY A DRAWING OF THE PROSTHESIS - WE WILL MAKE THE RASP IN ANY BATCH SIZE YOU REQUIRE. THE TEETH WILL BE CHIPPED UP AT 0.75MM PER FACE OVER AND ABOVE THE SIZE OF THE PROSTHESIS STEM, TO ALLOW FOR CEMENTING.

## FILES AND PUNCHES



Miller bone file

180mm long



**SC-OR/318** short end

**SC-OR/319** slight curve



**SC-OR/322** full curve



McGoey punch

double ended, 220mm long



**SC-OR/N04** 13 x 19mm

**SC-OR/N04a** 6 x 10mm



**SC-OR/N04b** 13 x 6mm half round



head size 15 x 19.5mm

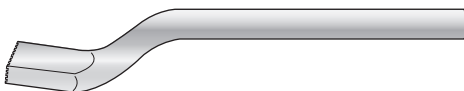
Smillie bone punch

**SC-OR/N018**

straight 140mm long

**SC-OR/N019**

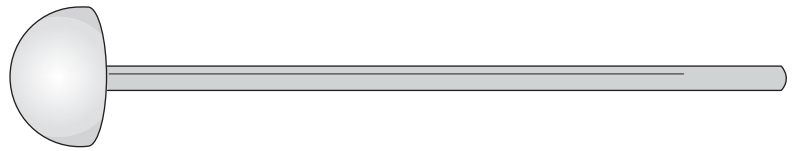
cranked 175mm long



head size 9.5 x 15.5mm

## PUSHERS, IMPACTORS AND SKIDS

---



### Charnley cup pusher

with nylon head

**SC-OR/N020** 295mm long

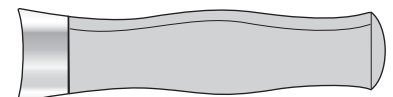


### Charnley prosthesis pusher

stainless steel handle

with nylon insert

**SC-OR/N021** 180mm long



### Judet impactor

stainless steel handle

with nylon head

**SC-OR/N009** 140mm long



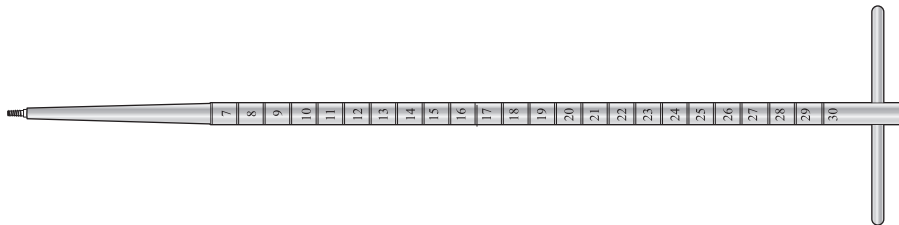
### Femoral pusher

head impactor, white Pomalux

**SC-OR/N053** 31mm  $\varnothing$  x 180mm long

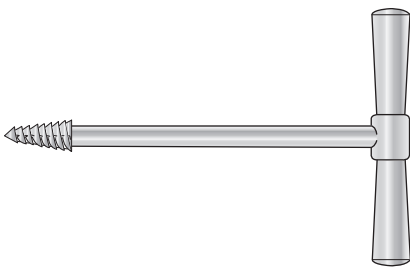
## PUSHERS, IMPACTORS AND SKIDS

---



**Hardinge cement restrictor**  
with T handle

**SC-OR/HR001** 335mm long



**Moore femoral head extractor**  
with T handle

**SC-OR/N005** 150mm long

**SC-OR/N006** 205mm long



**Murphy skids**  
double ended, 355mm long

**SC-OR/N007** uncoated

**SC-DIA/111** coated



**Murphy skids**  
single ended, 330mm long

**SC-OR/N007a** coated

### Adson periosteal elevator

serrated grip, 165mm long

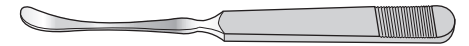
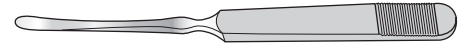
straight

**SC-OR/N028** 7mm wide

curved

**SC-OR/N029** 5mm wide

**SC-OR/N030** 7mm wide



### Bristow periosteal elevator

sharp edge

**SC-OR/N010** 240mm long



### Doyen periosteal elevator

satin finish handle

165mm long

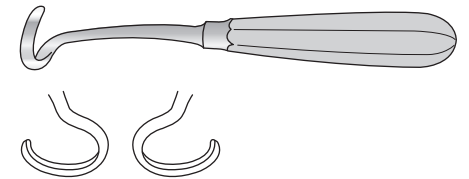
**SC-OR/N031** right

**SC-OR/N032** left

180mm long

**SC-OR/256** right

**SC-OR/255** left



### Key periosteal elevator

190mm long

**SC-OR/N023** 10mm wide

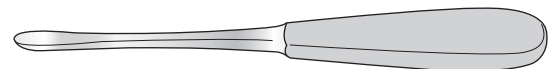
**SC-OR/N024** 13mm wide



### Langenbeck elevator

straight

**SC-OR/302** 200mm long



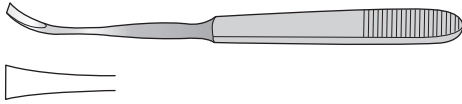
### Macdonald dissector double ended

**SC-GI/285** 191mm long



## ELEVATORS

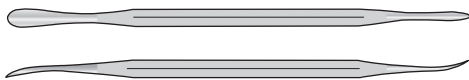
---



### Pennybacker elevator

curved, sharp, 6mm wide

**SC-OR/N025** 170mm long



### Periosteal elevator

straight

**SC-OR/19a** 175mm long



### Periosteal elevator

straight, 12 x 20mm, with Blue acetal "Suregrip" handle

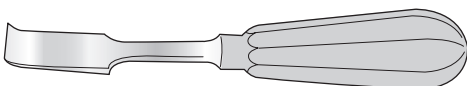
**SC-OR/SH-5695** 195mm long



### Periosteal elevator

curved, 5 x 25mm, with Blue acetal "Suregrip" handle

**SC-OR/SH-5696** 185mm long



### Tudor Edwards periosteal elevator

for first rib, satin finish handle, 175mm long

**SC-OR/N026** 12mm wide

**SC-OR/N027** 18mm wide

**Hohmann bone elevator**

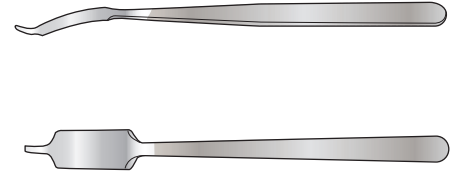
matt finish, 160mm long

**SC-OR/307a** 6mm wide

**SC-OR/307b** 8mm wide

**SC-OR/307d** 10mm wide

**SC-OR/307e** 15mm wide



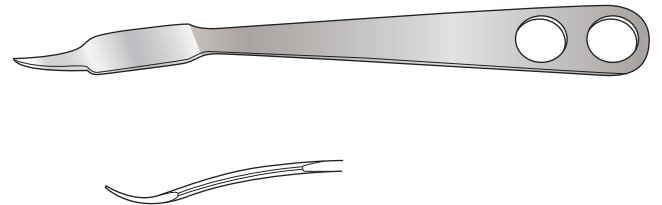
**Hohmann-Muller spike elevator**

with narrow spade

**SC-OR/307f** 220mm long, 10mm wide

**SC-OR/307** 230mm long, 12mm wide

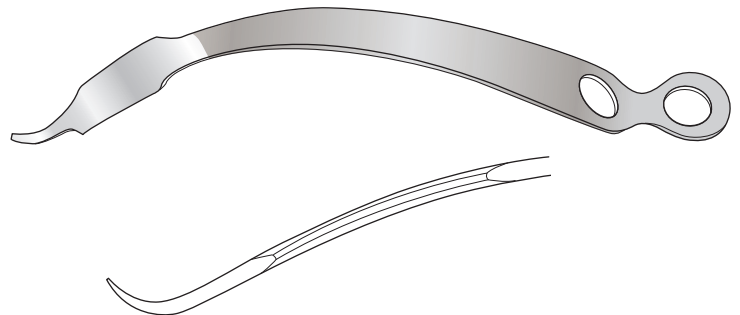
**SC-OR/308** 240mm long, 18mm wide



**Hohmann-Aldinger bone elevator**

curved

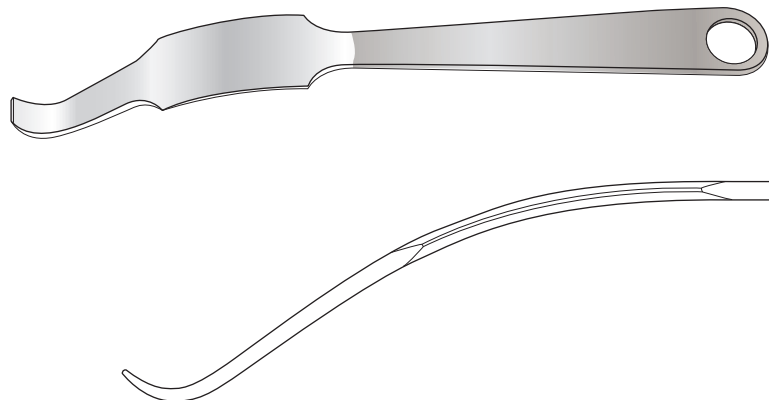
**SC-OR/304** 270mm long x 24mm wide



**Hohmann bone elevator**

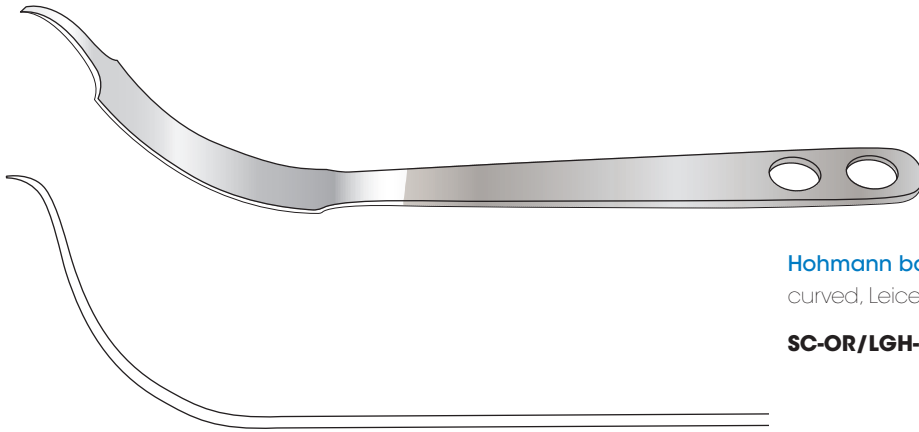
curved

**SC-OR/305** 285mm long x 34mm wide



## ELEVATORS, RETRACTORS AND BONE LEVERS

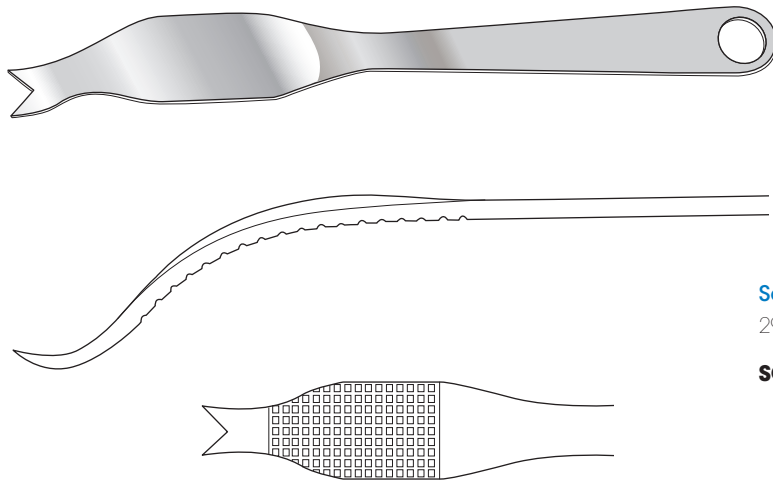
---



### Hohmann bone lever

curved, Leicester Royal Infirmary pattern

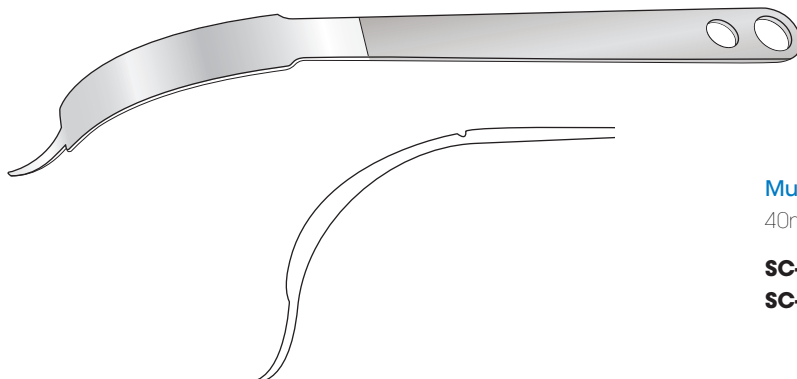
**SC-OR/LGH-HOH** 340mm long x 23mm wide



### Schumacher bone elevator

290mm long

**SC-OR/307k** 35mm wide, 18mm at edge



### Muller soft tissue retractor

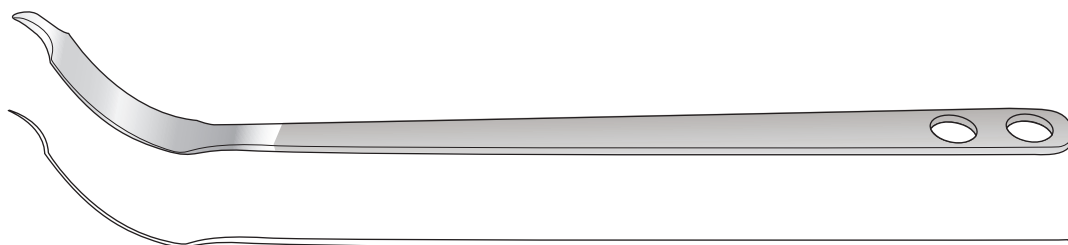
40mm wide

**SC-OR/307aNOR** 410mm long

**SC-OR/307bNOR** 300mm long



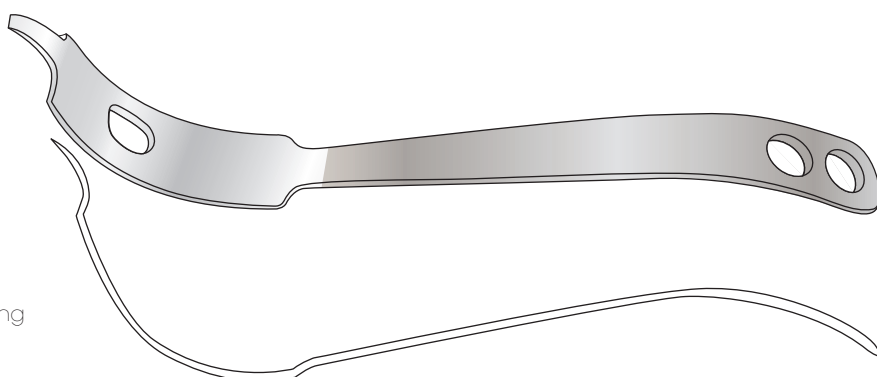
## ELEVATORS, RETRACTORS AND BONE LEVERS



Anterior hip retractor 22mm wide

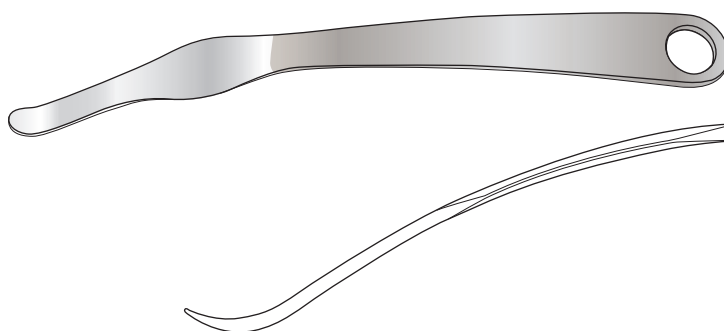
**SC-OR/5912** large, 420mm long

**SC-OR/5913** medium, 400mm long



Anterior hip retractor

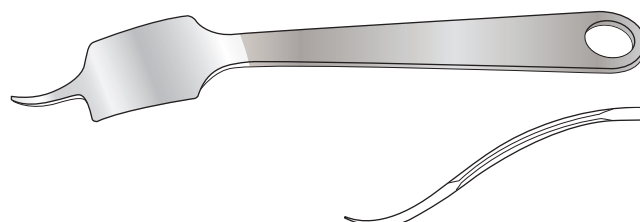
**SC-OR/307L** 35mm wide, 330mm long



Hohmann bone elevator

for use with Bunch of 5's, 270mm long

**SC-OR/309a** 24mm wide



Hohmann bone elevator

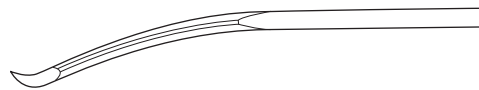
with narrow spade

**SC-OR/307c** 45mm wide, 240mm long

**SC-OR/307g** 65mm wide, 255mm long

## ELEVATORS, RETRACTORS AND BONE LEVERS

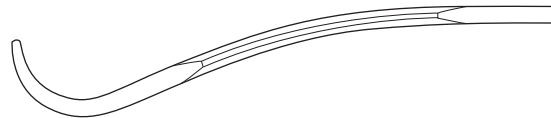
---



Wagner bone elevator

220mm long

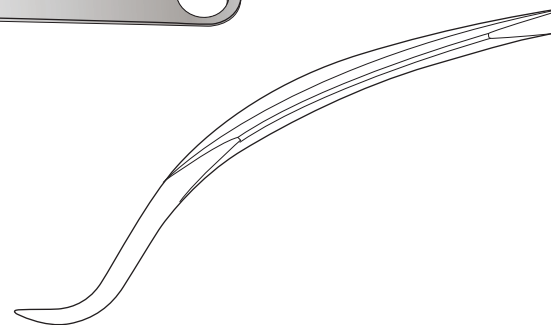
**SC-OR/307h** 17mm wide



Lange-Hohmann bone elevator

250mm long

**SC-OR/307i** 24mm wide



Schumacher bone elevator

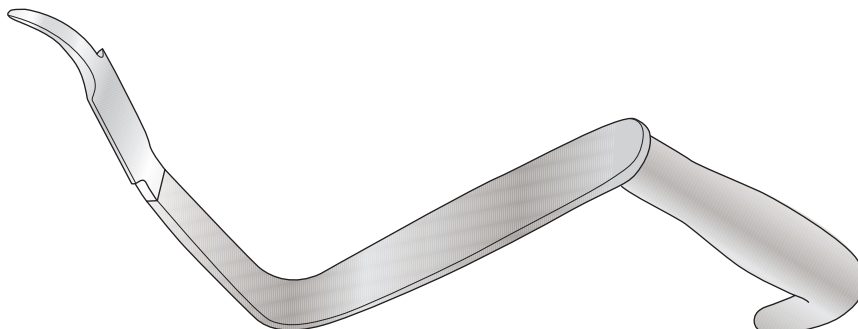
345mm long

**SC-OR/307j** 37mm wide, 18mm at edge

Angled retractor

with handle, 255mm overall length

**SC-OR/SH5638**

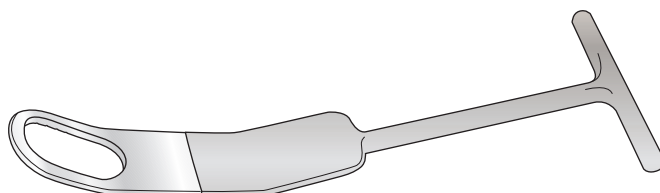


## ELEVATORS, RETRACTORS AND BONE LEVERS

### Fakuda type retractor

230mm long

**SC-OR/SH5507**



### Hohmann retractor

45° angle

200mm long

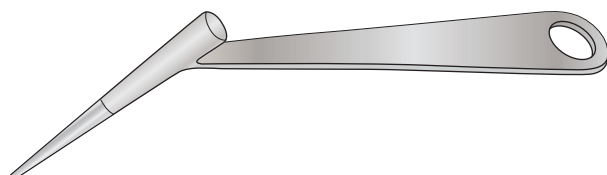
**SC-OR/SH5394**



### Hohmann tapered spike retractor

225mm overall length

**SC-OR/308a**



### Posterior bone lever

230mm long

**SC-OR/308r**



### Trethowan bone lever

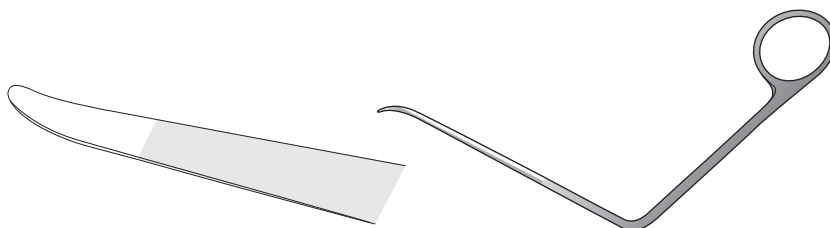
bent, ring handle 222mm long

**SC-OR/no17** straight

**SC-OR/no17b** 90° angle

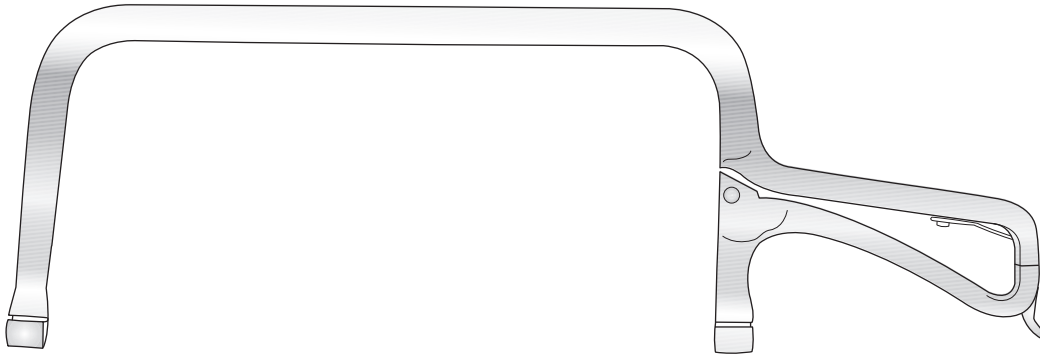
**SC-OR/no17c** 70° angle (illustrated)

**SC-OR/no17d** 45° angle



## SAWS

---



Collin amputation saw

**SC-OR/257**

390mm long



Saw blades

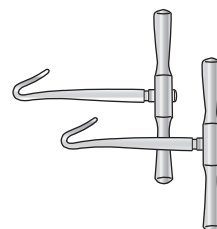
carbon steel

**SC-OR/326**

**Gigli saw handles**

per pair

**SC-OR/08** 65mm long



**Charnley saws**

**SC-OR/10c** 500mm long

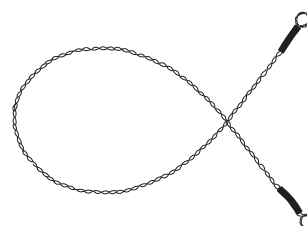
**SC-OR/11c** 700mm long

**Gigli saws**

**SC-OR/09** 300mm long

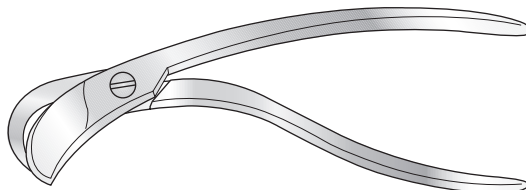
**SC-OR/10** 500mm long

**SC-OR/11** 700mm long



**Collin rib shears**

**SC-OR/001** 195mm long



**Guys tenotomy knife**

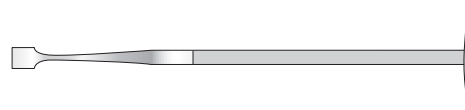
**SC-OR/N046** 140mm long



**Smillie menisectomy knife**

175mm long

**SC-OR/048** straight

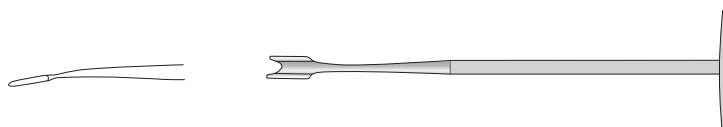


**Smillie menisectomy knife**

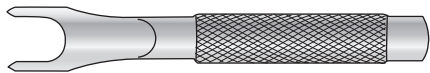
protruding beak at base, 175mm long

**SC-OR/NO048a** curved to right

**SC-OR/NO048b** curved to left

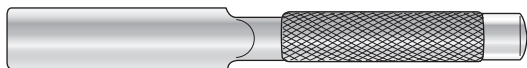


## NAIL AND STAPLE INSTRUMENTS



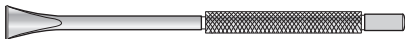
Staple starter

**SC-OR/56a**



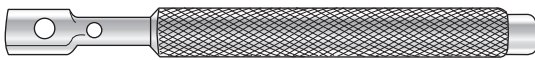
Staple set

**SC-OR/56c**



Staple set 150mm long

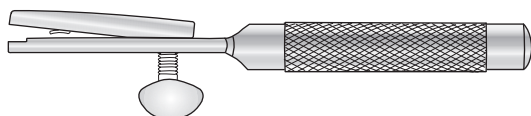
**SC-OR/56e** for 1mm staples



Driver

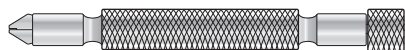
for Rush nails

**SC-OR/1350-003**



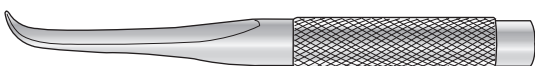
Staple driver

**SC-OR/56b**



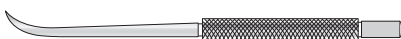
Staple driver 150mm long

**SC-OR/56f** for 1mm staples



Staple remover

**SC-OR/56d**



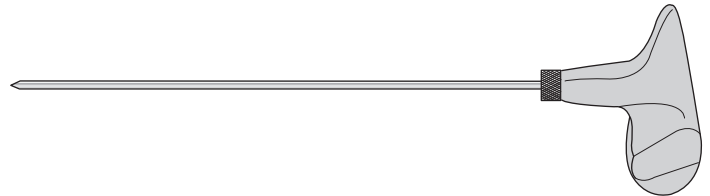
Staple remover 150mm long

**SC-OR/56g** for 1mm staples

## NAIL AND STAPLE INSTRUMENTS

### Rush nail reamer

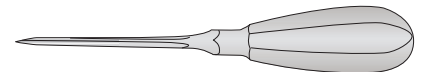
**SC-OR/1350-001**



### Bone awl (reamer)

straight, 150mm long

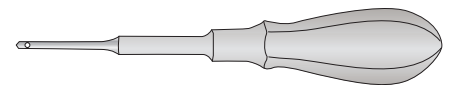
**SC-OR/SH-5658**



### Bone awl

straight, with eye, 3.2mmø, 160mm long

**SC-OR/SH-5648**



### Pin bender

for Rush nails

**SC-OR/1350-002**



### Pin punch

with Blue acetal "Suregrip" handle

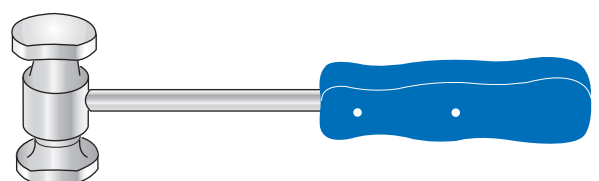
**SC-OR/04** 130mm long



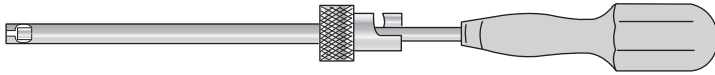
### Hammer

for Rush nails, with Blue acetal "Suregrip" handle

**SC-OR/1325-000** 500g



## SCREW AND PLATE INSTRUMENTS



### Orthopaedic screwdriver

with holding sleeve

**SC-OR/42** for 3.6mm Ø screws, 279mm

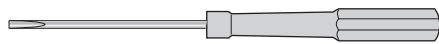
**SC-OR/43** for 2.8mm Ø screws, 229mm



### Lanes type screwdriver

**SC-OR/44** single slot to fit 5/32, 9/64, 7/64 bone screws, 229mm long

Also available with Phillips and cross slot



### Screwdriver

for finger plate screws

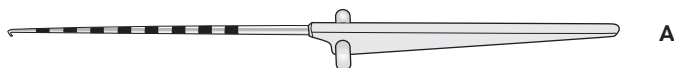
**SC-OR/45** 165mm long



### Screw depth gauge

calibrated in metric

**SC-OR/41** 254mm



A



B



C

### Arthroscopy probe

230mm long

**SC-OR/N058** pattern A

**SC-OR/N058a** pattern B

**SC-OR/N058b** pattern C



## SCREW AND PLATE INSTRUMENTS

### Allen key sets

bright guard

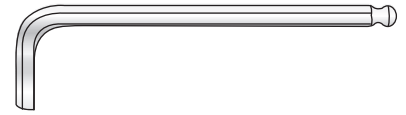
**SC-OR/N051** 1.5mm - 10mm

TO ORDER:

QUOTE SC-OR/N051 THEN ADD SIZE REQUIRED

EG **SC-OR/N051-1.5**

| size mm | overall length |
|---------|----------------|
| 1.5     | 63mm           |
| 2.0     | 77mm           |
| 2.5     | 87mm           |
| 3.0     | 93mm           |
| 4.0     | 104mm          |
| 5.0     | 120mm          |
| 6.0     | 141mm          |
| 7.0     | 147mm          |
| 8.0     | 158mm          |
| 10.0    | 180mm          |



### Orthopaedic ruler stainless steel

**SC-OR/50** imperial, 6"

**SC-OR/51** metric, 150mm

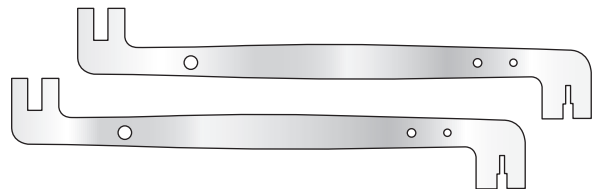
**SC-OR/51a** metric, 300mm



### Bone plate benders

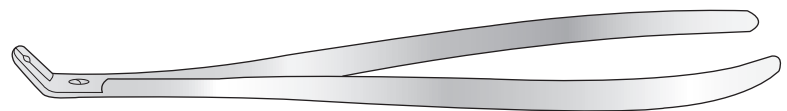
per pair

**SC-OR/32** 190mm long



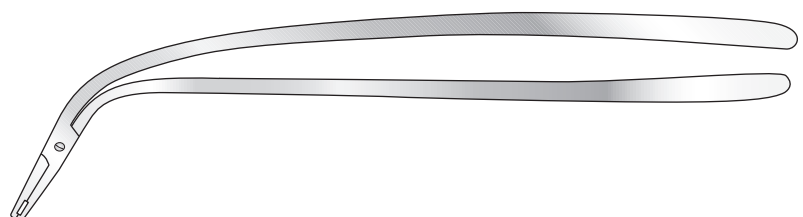
### Lane screw holding forceps

**SC-OR/53b** 290mm long



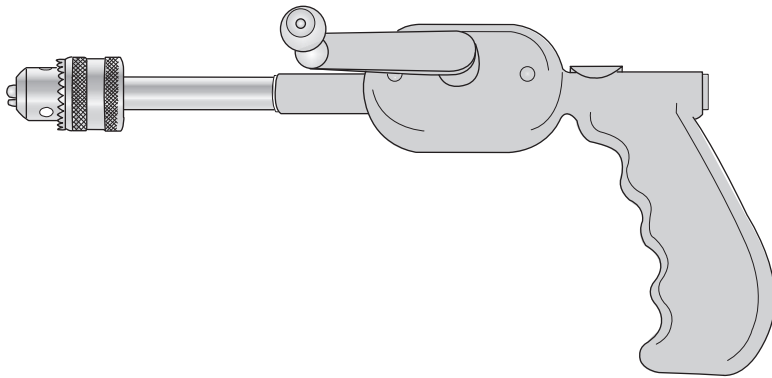
### Lane plate holding forceps

**SC-OR/53a** 290mm long



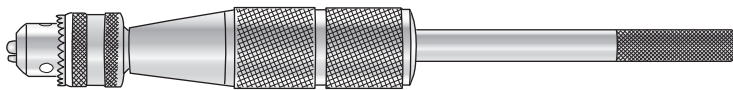
## DRILLS AND CHUCKS

---



Orthopaedic hand drill  
with spindle lock

**SC-OR/52** 305mm



### Intramedullary pin chuck

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

**SC-OR/02** Maximum capacity 6.5mm Ø  
267mm long

### Spare chuck key

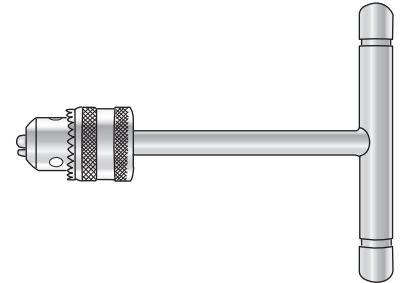
hard chrome

**SC-OR/02a** for SC-OR/2, SC-OR/2b, and SC-OR/2bl

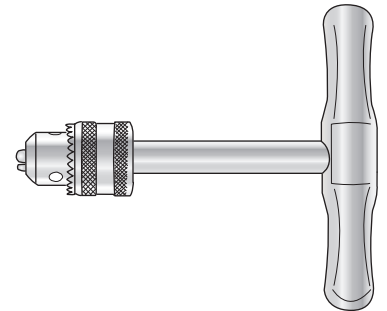
## CHUCKS

**Intramedullary pin chuck** stainless steel, with T handle  
**SC-OR/02b** maximum capacity 6.5mm Ø, 152mm long

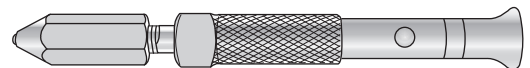
**Replacement chuck** stainless steel  
**SC-OR/02bf** for SC-OR/2 and SC-OR/2b



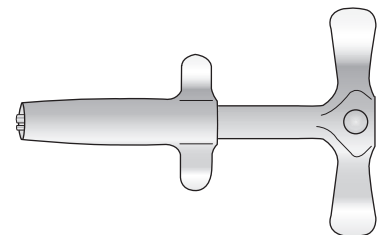
**Intramedullary pin chuck**  
 stainless steel chuck, with lightweight cannulated T handle  
**SC-OR/02bi** Maximum capacity 6.5mm Ø, 140mm long



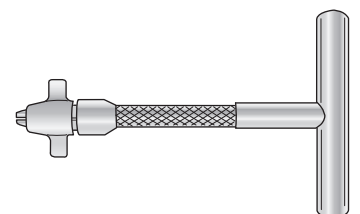
**Small chuck** for use with:  
**SC-OR/0447-002** 0445-097 Mini countersink 0445-020  
 0445-010 0445-024  
 0445-014 0445-027



**Watson Jones Guide Wire Introducer**  
 stainless steel  
**SC-OR/02d** 140mm long



**Introducing handle**  
 for toe and finger wires, stainless steel  
**SC-OR/02e** up to 1.5mmØ



## DRILLS / CERCLAGE WIRE



### Twist drills

with quick fit

|                       | Ø<br>mm | TOTAL<br>LENGTH<br>mm | FLUTE<br>LENGTH<br>mm |                                                 |
|-----------------------|---------|-----------------------|-----------------------|-------------------------------------------------|
| <b>SC-OR/0445-011</b> | 1.1     | 60                    | 35                    | for 1.5mm cortical screws                       |
| <b>SC-OR/0445-015</b> | 1.5     | 85                    | 60                    | for 1.5mm cortical screws                       |
| <b>SC-OR/0445-016</b> | 1.5     | 105                   | 70                    | large, for 1.5mm cortical screws                |
| <b>SC-OR/0445-019</b> | 2.0     | 100                   | 75                    | for 2.7mm cortical screws                       |
| <b>SC-OR/0445-021</b> | 2.0     | 125                   | 100                   | large, for 4.0mm cortical screws                |
| <b>SC-OR/0445-025</b> | 2.5     | 110                   | 85                    | for 4.0mm cortical and cancellous screws        |
| <b>SC-OR/0445-023</b> | 2.5     | 180                   | 155                   | large, for 4.0mm cortical and cancellous screws |
| <b>SC-OR/0445-026</b> | 2.7     | 105                   | 75                    | for 2.7mm cortical screws                       |
| <b>SC-OR/0445-028</b> | 2.7     | 125                   | 100                   | large, for 2.7mm cortical screws                |
| <b>SC-OR/0445-031</b> | 3.2     | 145                   | 110                   | for 4.5mm cortical screws                       |
| <b>SC-OR/0445-029</b> | 3.2     | 195                   | 160                   | large, for 4.5mm cortical screws                |
| <b>SC-OR/0445-035</b> | 3.5     | 110                   | 85                    | for 3.57mm cortical screws                      |
| <b>SC-OR/0445-037</b> | 3.5     | 195                   | 160                   | large, for 3.5mm cortical screws                |
| <b>SC-OR/0445-044</b> | 4.5     | 145                   | 120                   | for 4.5mm cortical screws                       |
| <b>SC-OR/0445-048</b> | 4.5     | 195                   | 170                   | large, for 4.5mm cortical screws                |



### Twist drills OTD

Made from implant grade stainless steel, with 2.5mm flute x 125mm long

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

### CODE & mmØ

**OTD/1.4**

**OTD/1.6**

**OTD/2.0**

**OTD/2.4**

**OTD/2.8**

**OTD/3.2**

### CODE & mmØ

**OTD/3.6**

**OTD/4.0**

**OTD/4.4**

**OTD/4.8**

**OTD/5.6**

**OTD/6.4**

OTHER SIZES AVAILABLE



### Soft wires with eyes

In packs of 10

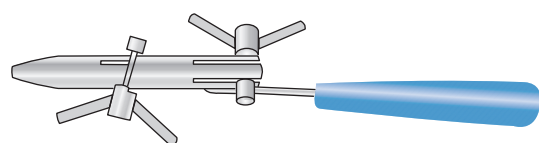
|                       |     |     |
|-----------------------|-----|-----|
| <b>SC-OR/0407-008</b> | 0.8 | 280 |
| <b>SC-OR/0407-001</b> | 1.0 | 280 |
| <b>SC-OR/0407-002</b> | 1.2 | 280 |
| <b>SC-OR/0407-007</b> | 0.8 | 500 |
| <b>SC-OR/0407-003</b> | 1.0 | 500 |
| <b>SC-OR/0407-004</b> | 1.2 | 500 |



### Soft wires without eye

In packs of 10

|                       |     |     |
|-----------------------|-----|-----|
| <b>SC-OR/0407-024</b> | 0.6 | 175 |
| <b>SC-OR/0407-026</b> | 0.8 | 200 |
| <b>SC-OR/0407-027</b> | 1.0 | 250 |
| <b>SC-OR/0407-028</b> | 1.2 | 300 |
| <b>SC-OR/0407-029</b> | 0.8 | 500 |
| <b>SC-OR/0407-030</b> | 1.0 | 500 |
| <b>SC-OR/0407-031</b> | 1.2 | 500 |



### Wire tightener

for Cerclage and Kirschner wires with two blue acetal "Suregrip" handles \*

**SC-OR/0607-021** 23mm long

### Rolls

|                       | Ø<br>mm | LENGTH<br>m |
|-----------------------|---------|-------------|
| <b>SC-OR/0407-009</b> | 0.8     | 10          |
| <b>SC-OR/0407-005</b> | 1.0     | 10          |
| <b>SC-OR/0407-006</b> | 1.2     | 10          |

## AO TYPE INSTRUMENTS



Mini countersink

**SC-OR/0445-088** for 1.5mm & 2mm screws



Small countersink

**SC-OR/0445-087** for 2.7mm screws



Small countersink

**SC-OR/0445-089** for 3.5mm screws

### Threaded tap

**SC-OR/0447-019** for 2mmØ mini screws

**SC-OR/0447-028** for 2.7mmØ cortical screws

**SC-OR/0447-033** for 3.5mmØ fine thread



### Threaded tap

**SC-OR/0447-015** for 1.5mmØ mini screws

**SC-OR/0447-026** for 2.7mmØ cortical screws

**SC-OR/0447-032** for 3.5mmØ cortical screws

**SC-OR/0447-034** for 4mmØ cancellous screws



### Threaded tap

**SC-OR/0447-046** for 4.5mmØ cortical screws



for use with:

**0445-088** Mini countersink

**0447-015** Threaded tap

**0447-019** Threaded tap

**0453-032** Mini screwdriver,  
cross slotted

**0453-034** Mini screwdriver,

with subjection forceps

**0453-045** Cross slotted screwdriver

### Handle

with dental couple, with Blue acetal  
"Suregrip" handle \*

**SC-OR/0447-001**

## AO TYPE INSTRUMENTS



### Holding sleeve

**SC-OR/0453-028** for screws



### Holding sleeve

**SC-OR/0451-098** for mini screws



### Holding sleeve

**SC-OR/0453-006** for small screws



### Handle

with quick fit, with Blue acetal "Suregrip" handle \*

**SC-OR/0447-043**

for use with:

**0447-026** Threaded tap

**0447-028** Long threaded tap

**0447-032** Fine threaded tap

**0447-033** Long threaded tap

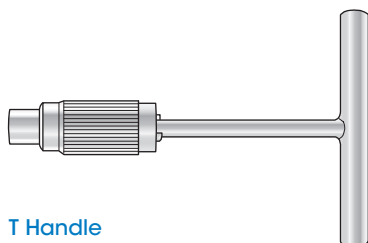
**0447-034** Threaded tap  
for cancellous screws

**0447-046** Threaded tap for cortical screws

**0445-087** Small countersink 2.7

**0445-089** Small countersink 3.5

**0453-003** Small hexagonal screwdriver



### T Handle

with quick fit

**SC-OR/0447-044**

for use with:

**0447-026** Threaded tap

**0447-028** Long threaded tap

**0447-032** Fine threaded tap

**0447-033** Long threaded tap

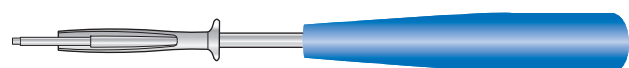
**0447-034** Threaded tap for cancellous screws

**0447-046** Threaded tap for cortical screws

**0447-048** Long threaded tap 4.5Ø

**0453-003** Small hexagonal screwdriver

\* ALSO AVAILABLE WITH TUFNOL HANDLE

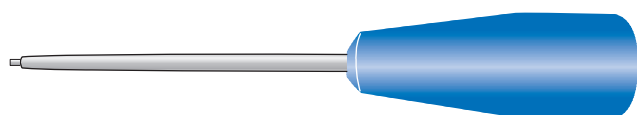


### Small screwdriver

with hexagonal end for use with holding sleeve,  
with blue acetal "Suregrip" handle \*

**SC-OR/0451-098**

**SC-OR/0453-002** 2.5mm



### Hexagonal screwdriver

for large screws, with blue acetal "Suregrip" handle \*

**SC-OR/0453-012** 3.5mmØ

### Small cross slotted screwdriver

with holding sleeve, with blue acetal "Suregrip" handle \*

SC-OR/0453-006

**SC-OR/0453-045**



### Cardan screwdriver

**SC-OR/0453-017**

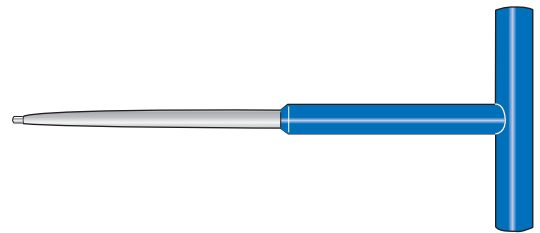
for screws with 3.5mmØ hexagonal head, with blue acetal "Suregrip" handle \*



\* ALSO AVAILABLE WITH TUFNOL HANDLE

### Screwdriver with T handle

**SC-OR/0453-013** for screws  
with 3.5mmØ hexagonal head



### Mini screwdriver

with holding sleeve,  
cross slotted

**SC-OR/0453-032**



### Mini screwdriver

with holding sleeve,  
and hexagonal end 1.5mm

**SC-OR/0453-034**



### Small hexagonal screwdriver

**SC-OR/0453-003** 2.5mmØ

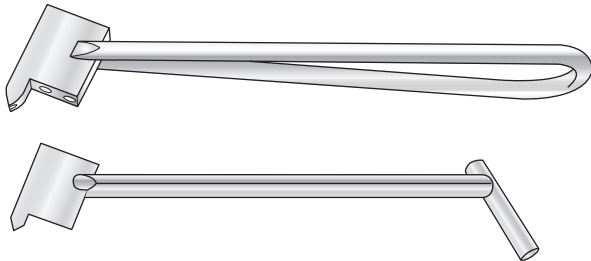
for use with:

**0447-043** Handle with quick fit

**0447-044** T handle with quick fit



## AO TYPE INSTRUMENTS

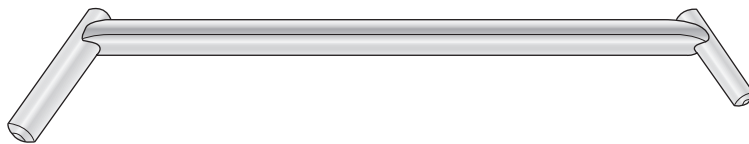


### Drill guide

for 2mmØ screws

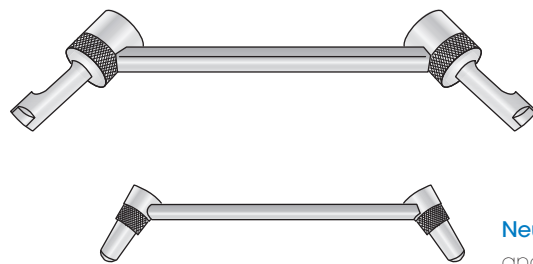
**SC-OR/0449-025**

**SC-OR/0449-020** with finder



### Drill guide

**SC-OR/0449-015** for 1.1 and 1.5mmØ drills



### Neutral drill guide

and dynamic compression  
system tension

**SC-OR/0469-032**

for 3.5mm cortical screws,  
fine thread, 2.5mm drills

**SC-OR/0469-043**

for 4.5mm screws, 3.2mm drills  
extra long

**SC-OR/0469-044**

For 4.5mm screws, 3.2mm drills

**SC-OR/0469-015**

For 2mm screws, 1.5mm drills

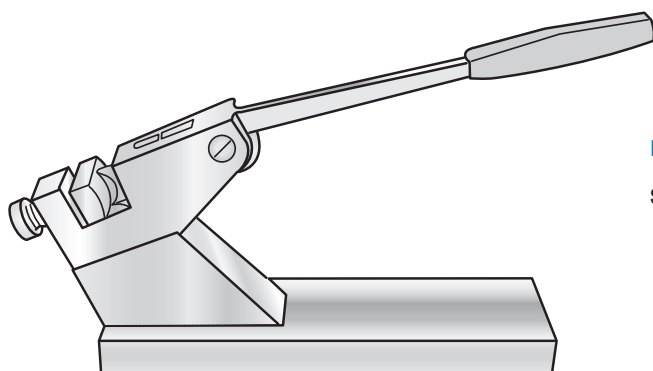
**SC-OR/0469-021**

For 2.7mm screws, 2.0mm drills



**Spanner** for use with **0262-045** cortical nuts,  
11mmØ, 8mmØ hexagon

**SC-OR/0453-021**



### Plate bending press

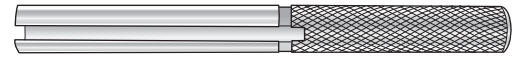
**SC-OR/0483-030**



## CLOVER LEAF NAILS AND INSTRUMENTS

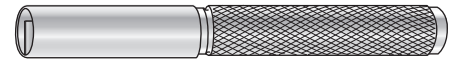
### Nail introducer

**SC-OR/1319** straight



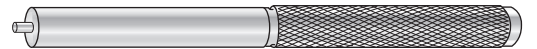
### Nail driver

**SC-OR/1321**



### Nail impactor

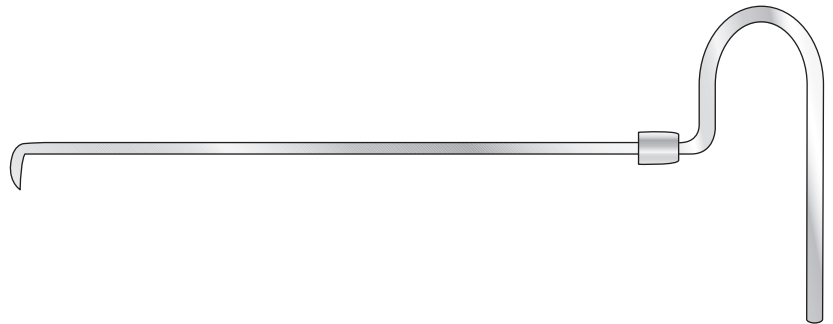
**SC-OR/1323**



### Nail extractor

with flattened hook,  
for medullary nails 6-12mmø

**SC-OR/0047b** 305mm



### Slotted hammer

for use with above

**SC-OR/0047a** 280mm

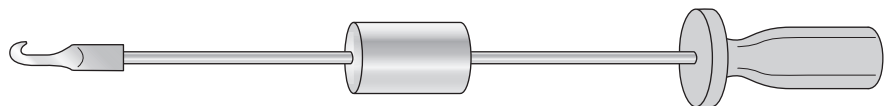


### Nail extractor

sliding hammer  
with detachable hook  
for medullary nails 6-16mmø

**SC-OR/1201** 540mm long

**SC-OR/1204** hook only



## THREADED PINS, RUSH PINS AND GUIDE WIRES



### Threaded pin

with triangular point

|                            |                       |              |                       |              |                       |              |
|----------------------------|-----------------------|--------------|-----------------------|--------------|-----------------------|--------------|
| with triangular point      |                       | LENGTH<br>mm |                       | LENGTH<br>mm |                       | LENGTH<br>mm |
| 5mmØ    drill size 3.5mm Ø | <b>SC-OR/0413-052</b> | 100          | <b>SC-OR/0413-054</b> | 150          | <b>SC-OR/0413-056</b> | 200          |
|                            | <b>SC-OR/0413-053</b> | 125          | <b>SC-OR/0413-055</b> | 170          | <b>SC-OR/0413-057</b> | 250          |



### Threaded pin

with triangular point

|                                                   |                       | LENGTH<br>mm |                                                             |                       | LENGTH<br>mm |
|---------------------------------------------------|-----------------------|--------------|-------------------------------------------------------------|-----------------------|--------------|
| Threaded pin<br>with triangular point             | <b>SC-OR/0413-072</b> | 100          | 4.5mmØ,<br>thread length 18mm,<br>drill size Ø 3.5mm, 4.5mm |                       |              |
|                                                   | <b>SC-OR/0413-073</b> | 125          |                                                             |                       |              |
| 6mmØ,<br>thread length 50mm<br>drill size Ø 4.5mm | <b>SC-OR/0413-074</b> | 150          |                                                             | <b>SC-OR/0413-060</b> | 100          |
|                                                   | <b>SC-OR/0413-075</b> | 170          |                                                             | <b>SC-OR/0413-061</b> | 125          |
|                                                   | <b>SC-OR/0413-076</b> | 200          |                                                             | <b>SC-OR/0413-062</b> | 150          |



### Denham pin

Temporary implants,

material conforms to BS 7252: Part 1:

1997 .ISO 5832-1: 1997. Comp.D.

CE marking available on request

square end or

three sided end in stock

other sizes available

|      | SIZES Ø        | LENGTH      |
|------|----------------|-------------|
| DP/1 | 3.96mm (5/32") | 20.3mm (8") |
| DP/2 | 3.96mm (5/32") | 22.9mm (9") |
| DP/3 | 4.76mm (3/16") | 20.3mm (8") |
| DP/4 | 4.76mm (3/16") | 22.9mm (9") |



### Rush pins

material conforms to BS 7252: Part 1: 1997.

ISO 5832-1: 1997. Comp.D.

3/32" and 1/8" Ø up to 10.2mm (4")

Other diameters and lengths available

#### LENGTHS

| mm   | inch  |
|------|-------|
| 15.2 | 6     |
| 17.8 | 7     |
| 20.3 | 8     |
| 22.9 | 9     |
| 25.4 | 10    |
| 27.9 | 11    |
| 30.0 | 11.75 |

### Watson Jones guide wire

material conforms to BS 7252: Part 1:

1997. ISO 5832-1: 1997

triangular end

2.4mm (3/32") Ø

graduated in mms or 1/4"

**Steinmann pins** Temporary implants, material conforms to BS 7252: Part 1: 1997. ISO 5832-1: 1997. Comp.D. CE marking available on request

| Ø mm* | Ø mm* |
|-------|-------|
| 1.58  | 3.96  |
| 2.00  | 4.36  |
| 2.38  | 4.76  |
| 2.78  | 6.00  |
| 3.17  | 6.35  |
| 3.57  | 8.00  |

**LENGTHS** 150, 180, 200, 250mm

\*Other lengths and dimensions available

When ordering, use prefix letters with size following, eg Trocar with one screw end  
Ø4.76mm = IPTS/476



**IPTT** = trocar/trocar ends



**IPTS** = trocar/trocar with one screw end



**IPTSE** = trocar/square end

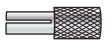


**IPTSE3** = trocar/with 3 sided end

**Steinmann pin cap** with slot

**SC-OR/54a-4** 4mmØ

**SC-OR/54a-6** 6mmØ



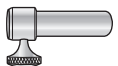
**SC-OR 54a**

**Steinmann pin cap** with screw

**SC-OR/54b-4** 4mmØ

**SC-OR/54b/1** 6mmØ

**SC-OR/54c** replacement screw



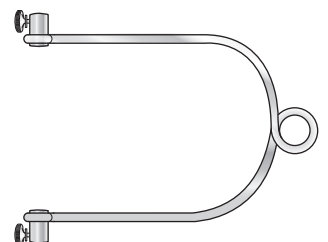
**SC-OR 54b**

**Bohler stirrup**

**SC-OR/N001** small 89 x 102mm

**SC-OR/N002** medium 114 x 165mm

**SC-OR/N003** large 152 x 241mm



## KIRSCHNER/ARTHRODESIS WIRES AND ACCESSORIES

**Kirschner/Arthrodesis wire** Temporary implants, material conforms to BS 7252: Part 1: 1997. ISO 5832-1: 1997. Comp.D.

|                                                                                     |      |
|-------------------------------------------------------------------------------------|------|
|    | Ø mm |
| trocar/trocar <b>KW/TT(+ Ø)</b>                                                     | 0.9  |
|                                                                                     | 1.0  |
|                                                                                     | 1.1  |
|                                                                                     | 1.2  |
|                                                                                     | 1.4  |
|                                                                                     | 1.5  |
|    | 1.6  |
| trocar/plain <b>KW/TP(+Ø)</b>                                                       | 2.0  |
|    |      |
| drill point/plain <b>KW/DPP(+Ø)</b>                                                 |      |
|  |      |
| trocar/trocar part threaded each end <b>KW/TTPT(+Ø)</b>                             |      |
|  |      |
| trocar/trocar fully threaded <b>KW/TTFT(+Ø)</b>                                     |      |
| length up to 127mm available in 1.2mmØ and 1.6mmØ                                   |      |

**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



**Kirschner wire bender**

**SC-OR/55a** 137mm long

**SC-OR/55b** 133mm long

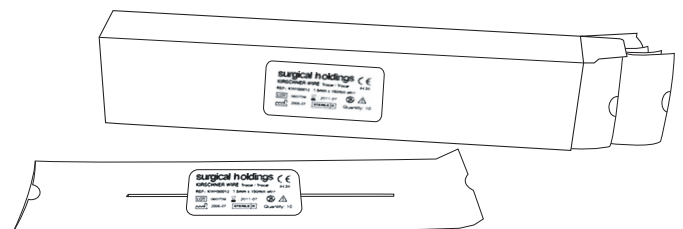


Kirschner wire, sterile, in packets of 10

### TROCAR/PLAIN



|                                  |                                  |                                 |                                 |
|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>KWHS007-S</b> 0.9mm x 50mm    | <b>KWHS258-S</b> 1.1mm x 50mm    | <b>KWHS010-S</b> 1.4mm x 50mm   | <b>KWHS102-S</b> 2.0mm x 100mm  |
| <b>KWHS025-S</b> 0.9mm x 65mm    | <b>KWHS261-S</b> 1.1mm x 65mm    | <b>KWHS028-S</b> 1.4mm x 65mm   | <b>KWHS120-S</b> 2.0mm x 115mm  |
| <b>KWHS043-S</b> 0.9mm x 70mm    | <b>KWHS264-S</b> 1.1mm x 70mm    | <b>KWHS046-S</b> 1.4mm x 70mm   | <b>KWHS138-S</b> 2.0mm x 125mm  |
| <b>KWHS061-S</b> 0.9mm x 75mm    | <b>KWHS267-S</b> 1.1mm x 75mm    | <b>KWHS064-S</b> 1.4mm x 75mm   | <b>KWHS156-S</b> 2.0mm x 140mm  |
| <b>KWHS079-S</b> 0.9mm x 90mm    | <b>KWHS270-S</b> 1.1mm x 90mm    | <b>KWHS082-S</b> 1.4mm x 90mm   | <b>KWHS0018-S</b> 2.0mm x 150mm |
| <b>KWHS097-S</b> 0.9mm x 100mm   | <b>KWHS273-S</b> 1.1mm x 100mm   | <b>KWHS100-S</b> 1.4mm x 100mm  | <b>KWHS174-S</b> 2.0mm x 180mm  |
| <b>KWHS115-S</b> 0.9mm x 115mm   | <b>KWHS276-S</b> 1.1mm x 115mm   | <b>KWHS118-S</b> 1.4mm x 115mm  | <b>KWHS192-S</b> 2.0mm x 200mm  |
| <b>KWHS133-S</b> 0.9mm x 125mm   | <b>KWHS279-S</b> 1.1mm x 125mm   | <b>KWHS136-S</b> 1.4mm x 125mm  |                                 |
| <b>KWHS151-S</b> 0.9mm x 140mm   | <b>KWHS282-S</b> 1.1mm x 140mm   | <b>KWHS154-S</b> 1.4mm x 140mm  |                                 |
| <b>KWHS0014A-S</b> 0.9mm x 150mm | <b>KWHS285-S</b> 1.1mm x 150mm   | <b>KWHS0021-S</b> 1.4mm x 150mm |                                 |
| <b>KWHS169-S</b> 0.9mm x 180mm   | <b>KWHS288-S</b> 1.1mm x 180mm   | <b>KWHS172-S</b> 1.4mm x 180mm  |                                 |
| <b>KWHS187-S</b> 0.9mm x 200mm   | <b>KWHS291-S</b> 1.1mm x 200mm   | <b>KWHS190-S</b> 1.4mm x 200mm  |                                 |
|                                  |                                  |                                 |                                 |
| <b>KWHS008-S</b> 1.0mm x 50mm    | <b>KWHS009-S</b> 1.2mm x 50mm    | <b>KWHS011-S</b> 1.6mm x 50mm   |                                 |
| <b>KWHS026-S</b> 1.0mm x 65mm    | <b>KWHS027-S</b> 1.2mm x 65mm    | <b>KWHS029-S</b> 1.6mm x 65mm   |                                 |
| <b>KWHS044-S</b> 1.0mm x 70mm    | <b>KWHS045-S</b> 1.2mm x 70mm    | <b>KWHS047-S</b> 1.6mm x 70mm   |                                 |
| <b>KWHS062-S</b> 1.0mm x 75mm    | <b>KWHS063-S</b> 1.2mm x 75mm    | <b>KWHS065-S</b> 1.6mm x 75mm   |                                 |
| <b>KWHS080-S</b> 1.0mm x 90mm    | <b>KWHS081-S</b> 1.2mm x 90mm    | <b>KWHS083-S</b> 1.6mm x 90mm   |                                 |
| <b>KWHS098-S</b> 1.0mm x 100mm   | <b>KWHS099-S</b> 1.2mm x 100mm   | <b>KWHS101-S</b> 1.6mm x 100mm  |                                 |
| <b>KWHS116-S</b> 1.0mm x 115mm   | <b>KWHS117-S</b> 1.2mm x 115mm   | <b>KWHS119-S</b> 1.6mm x 115mm  |                                 |
| <b>KWHS134-S</b> 1.0mm x 125mm   | <b>KWHS135-S</b> 1.2mm x 125mm   | <b>KWHS137-S</b> 1.6mm x 125mm  |                                 |
| <b>KWHS152-S</b> 1.0mm x 140mm   | <b>KWHS153-S</b> 1.2mm x 140mm   | <b>KWHS155-S</b> 1.6mm x 140mm  |                                 |
| <b>KWHS0016-S</b> 1.0mm x 150mm  | <b>KWHS171-S</b> 1.2mm x 180mm   | <b>KWHS0017-S</b> 1.6mm x 150mm |                                 |
| <b>KWHS170-S</b> 1.0mm x 180mm   | <b>KWHS189-S</b> 1.2mm x 200mm   | <b>KWHS173-S</b> 1.6mm x 180mm  |                                 |
| <b>KWHS188-S</b> 1.0mm x 200mm   |                                  | <b>KWHS191-S</b> 1.6mm x 200mm  |                                 |
|                                  |                                  |                                 |                                 |
|                                  | <b>KWHS0019-S</b> 1.25mm x 150mm |                                 |                                 |



## ARTHRODESIS WIRE

Arthrodesis wire, sterile, in packets of 10



### TROCAR/TROCAR

|                                  |                                  |                                 |                                 |
|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| <b>KWHS001-S</b> 0.9mm x 50mm    | <b>KWHS257-S</b> 1.1mm x 50mm    | <b>KWHS004-S</b> 1.4mm x 50mm   | <b>KWHS286-S</b> 1.8 x 50mm     |
| <b>KWHS019-S</b> 0.9mm x 65mm    | <b>KWHS260-S</b> 1.1mm x 65mm    | <b>KWHS022-S</b> 1.4mm x 65mm   | <b>KWHS287-S</b> 1.8 x 65mm     |
| <b>KWHS037-S</b> 0.9mm x 70mm    | <b>KWHS263-S</b> 1.1mm x 70mm    | <b>KWHS040-S</b> 1.4mm x 70mm   | <b>KWHS288-S</b> 1.8 x 70mm     |
| <b>KWHS055-S</b> 0.9mm x 75mm    | <b>KWHS266-S</b> 1.1mm x 75mm    | <b>KWHS058-S</b> 1.4mm x 75mm   | <b>KWHS289-S</b> 1.8 x 75mm     |
| <b>KWHS073-S</b> 0.9mm x 90mm    | <b>KWHS269-S</b> 1.1mm x 90mm    | <b>KWHS076-S</b> 1.4mm x 90mm   | <b>KWHS290-S</b> 1.8 x 90mm     |
| <b>KWHS091-S</b> 0.9mm x 100mm   | <b>KWHS272-S</b> 1.1mm x 100mm   | <b>KWHS094-S</b> 1.4mm x 100mm  | <b>KWHS276-S</b> 1.8 x 100mm    |
| <b>KWHS109-S</b> 0.9mm x 115mm   | <b>KWHS275-S</b> 1.1mm x 115mm   | <b>KWHS112-S</b> 1.4mm x 115mm  | <b>KWHS277-S</b> 1.8 x 115mm    |
| <b>KWHS127-S</b> 0.9mm x 125mm   | <b>KWHS278-S</b> 1.1mm x 125mm   | <b>KWHS130-S</b> 1.4mm x 125mm  | <b>KWHS278A-S</b> 1.8 x 125mm   |
| <b>KWHS145-S</b> 0.9mm x 140mm   | <b>KWHS281-S</b> 1.1mm x 140mm   | <b>KWHS148-S</b> 1.4mm x 140mm  | <b>KWHS279-S</b> 1.8 x 140mm    |
| <b>KWHS0009-S</b> 0.9mm x 150mm  | <b>KWHS284-S</b> 1.1mm x 150mm   | <b>KWHS0011-S</b> 1.4mm x 150mm | <b>KWHS280-S</b> 1.8 x 150mm    |
| <b>KWHS163-S</b> 0.9mm x 180mm   | <b>KWHS290-S</b> 1.1mm x 200mm   | <b>KWHS166-S</b> 1.4mm x 180mm  | <b>KWHS281A-S</b> 1.8 x 180mm   |
| <b>KWHS181-S</b> 0.9mm x 200mm   |                                  | <b>KWHS184-S</b> 1.4mm x 200mm  | <b>KWHS282-S</b> 1.8 x 200mm    |
|                                  | <b>KWHS003-S</b> 1.2mm x 50mm    |                                 |                                 |
| <b>KWHS002-S</b> 1.0mm x 50mm    | <b>KWHS021-S</b> 1.2mm x 65mm    | <b>KWHS0011A</b> 1.5mm x 150mm  | <b>KWHS006-S</b> 2.0mm x 50mm   |
| <b>KWHS020-S</b> 1.0mm x 65mm    | <b>KWHS039-S</b> 1.2mm x 70mm    |                                 | <b>KWHS024-S</b> 2.0mm x 65mm   |
| <b>KWHS038-S</b> 1.0mm x 70mm    | <b>KWHS057-S</b> 1.2mm x 75mm    | <b>KWHS005-S</b> 1.6mm x 50mm   | <b>KWHS042-S</b> 2.0mm x 70mm   |
| <b>KWHS056-S</b> 1.0mm x 75mm    | <b>KWHS075-S</b> 1.2mm x 90mm    | <b>KWHS023-S</b> 1.6mm x 65mm   | <b>KWHS060-S</b> 2.0mm x 75mm   |
| <b>KWHS074-S</b> 1.0mm x 90mm    | <b>KWHS093-S</b> 1.2mm x 100mm   | <b>KWHS041-S</b> 1.6mm x 70mm   | <b>KWHS078-S</b> 2.0mm x 90mm   |
| <b>KWHS092-S</b> 1.0mm x 100mm   | <b>KWHS111-S</b> 1.2mm x 115mm   | <b>KWHS059-S</b> 1.6mm x 75mm   | <b>KWHS096-S</b> 2.0mm x 100mm  |
| <b>KWHS110-S</b> 1.0mm x 115mm   | <b>KWHS129-S</b> 1.2mm x 125mm   | <b>KWHS077-S</b> 1.6mm x 90mm   | <b>KWHS114-S</b> 2.0mm x 115mm  |
| <b>KWHS128-S</b> 1.0mm x 125mm   | <b>KWHS147-S</b> 1.2mm x 140mm   | <b>KWHS095-S</b> 1.6mm x 100mm  | <b>KWHS132-S</b> 2.0mm x 125mm  |
| <b>KWHS146-S</b> 1.0mm x 140mm   | <b>KWHS0010B-S</b> 1.2mm x 150mm | <b>KWHS113-S</b> 1.6mm x 115mm  | <b>KWHS150-S</b> 2.0mm x 140mm  |
| <b>KWHS0010A-S</b> 1.0mm x 150mm | <b>KWHS165-S</b> 1.2mm x 180mm   | <b>KWHS131-S</b> 1.6mm x 125mm  | <b>KWHS0013-S</b> 2.0mm x 150mm |
| <b>KWHS164-S</b> 1.0mm x 180mm   | <b>KWHS183-S</b> 1.2mm x 200mm   | <b>KWHS149-S</b> 1.6mm x 140mm  | <b>KWHS168-S</b> 2.0mm x 180mm  |
| <b>KWHS182-S</b> 1.0mm x 200mm   |                                  | <b>KWHS0012-S</b> 1.6mm x 150mm | <b>KWHS186-S</b> 2.0mm x 200mm  |
|                                  |                                  | <b>KWHS167-S</b> 1.6mm x 180mm  |                                 |
|                                  |                                  | <b>KWHS185-S</b> 1.6mm x 200mm  |                                 |

### Staples

material conforms to BS 7252: Part 1: 1997. ISO 5832-1: 1997. Comp.D.  
various lengths and widths available



**Straight staple**

**SC-OR/1650**

1.0, 2.4, 3.2mmø



**Barbed staple**

**SC-OR/1655**



**Stepped staple**

**SC-OR/1660**



**U shaped staple**

**SC-OR/1665**



**U shaped staple**

for epiphysis

**SC-OR/1670**



**U shaped staple**

for epiphysis, toothed

**SC-OR/1675**



**angled staple**

**SC-OR/1680**



**angled staple**

toothed

**SC-OR/1685**

### Nuts

4.5mm Ø for cortical screws



**SC-OR/0262-045**

Ø 11mm HEXAGON Ø 8mm

**SC-OR/0453-021**

Spanner for use with OR/0262-045

### Washers



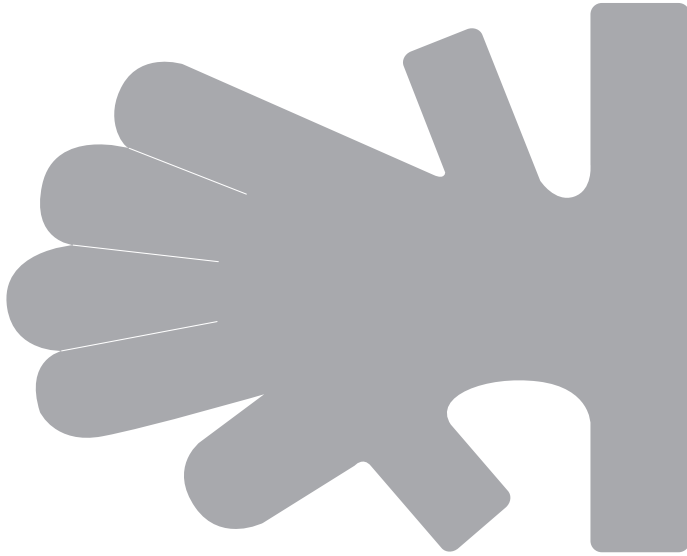
**SC-OR/0263-045** 4.5mm Ø, mini

**SC-OR/0263-070** 7.0mm Ø, medium

**SC-OR/0263-130** 13mm Ø, large

## LEAD HANDS

---

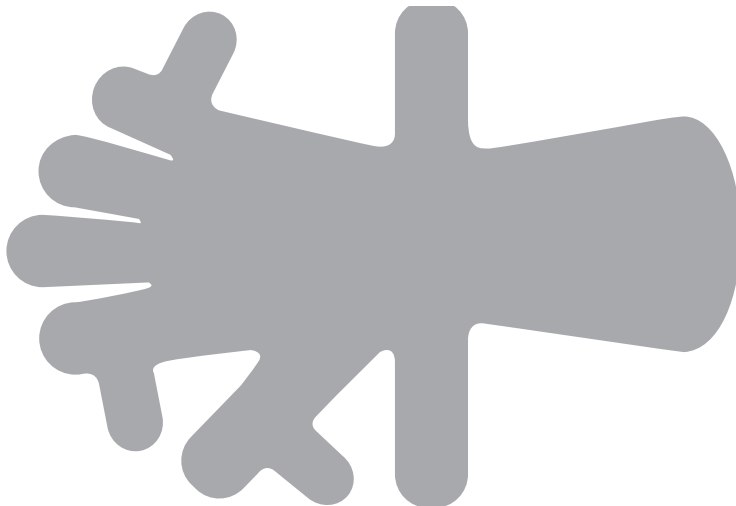
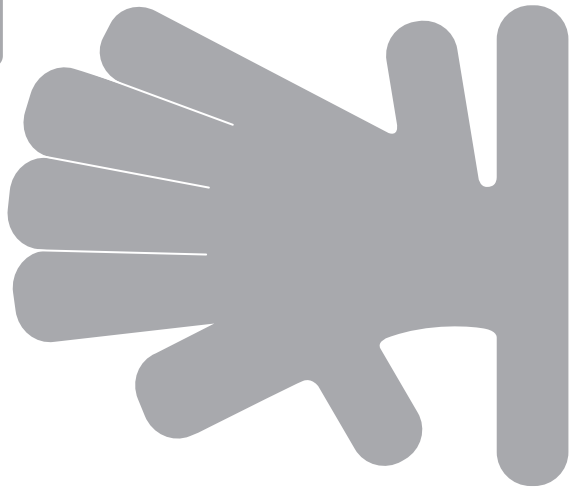


### Lead hand

1.8mm gauge

**SC-SH/128000** for adult

**SC-SH/5483** for child



### Lead hand

Chelsea and Westminster pattern

**SC-SH/128001** 2.5mm gauge





## Retractor Frame

- Jointed arms
- Maximum spread 70mm

SP5202-00

## Retractor Frame

- Rigid arms

SP5203-00

## Retractor Frame

- Extra long rack 140mm spread

SP5202-00S



Wide Muscle  
Blades - 6 Teeth

Extra deep

27mm width

|           |            |
|-----------|------------|
| SP5204-03 | 3cm depth  |
| SP5204-04 | 4cm depth  |
| SP5204-05 | 5cm depth  |
| SP5204-06 | 6cm depth  |
| SP5204-07 | 7cm depth  |
| SP5204-08 | 8cm depth  |
| SP5204-09 | 9cm depth  |
| SP5204-10 | 10cm depth |
| SP5204-12 | 12cm depth |



Hook Blades

Extra deep

|           |            |
|-----------|------------|
| SP5208-02 | 2cm depth  |
| SP5208-03 | 3cm depth  |
| SP5208-04 | 4cm depth  |
| SP5208-05 | 5cm depth  |
| SP5208-06 | 6cm depth  |
| SP5208-07 | 7cm depth  |
| SP5208-08 | 8cm depth  |
| SP5208-09 | 9cm depth  |
| SP5208-10 | 10cm depth |



Narrow Muscle  
Blades - 4 Teeth

Extra deep

20mm width

|           |            |
|-----------|------------|
| SP5206-03 | 3cm depth  |
| SP5206-04 | 4cm depth  |
| SP5206-05 | 5cm depth  |
| SP5206-06 | 6cm depth  |
| SP5206-07 | 7cm depth  |
| SP5206-08 | 8cm depth  |
| SP5206-09 | 9cm depth  |
| SP5206-10 | 10cm depth |
| SP5206-12 | 12cm depth |



Toothed Blades

Extra deep

|           |            |
|-----------|------------|
| SP5210-02 | 2cm depth  |
| SP5210-03 | 3cm depth  |
| SP5210-04 | 4cm depth  |
| SP5210-05 | 5cm depth  |
| SP5210-06 | 6cm depth  |
| SP5210-07 | 7cm depth  |
| SP5210-08 | 8cm depth  |
| SP5210-09 | 9cm depth  |
| SP5210-10 | 10cm depth |



Thin Muscle  
Blades - 2 Teeth

17mm width

|           |           |
|-----------|-----------|
| SP5207-03 | 3cm depth |
| SP5207-04 | 4cm depth |
| SP5207-05 | 5cm depth |
| SP5207-06 | 6cm depth |
| SP5207-07 | 7cm depth |
| SP5207-08 | 8cm depth |



# CERVICAL RETRACTOR SET



- Full jointed retractor arms
- Black non-glare finish
- Wide blade range
- Suitable for single or multi level retraction

## Blades

- The blade shape is designed to resist climbing out of the surgical site
- The wider two level blades have an extra bend near the tip, which follows the contour of the vertebrae for visualising



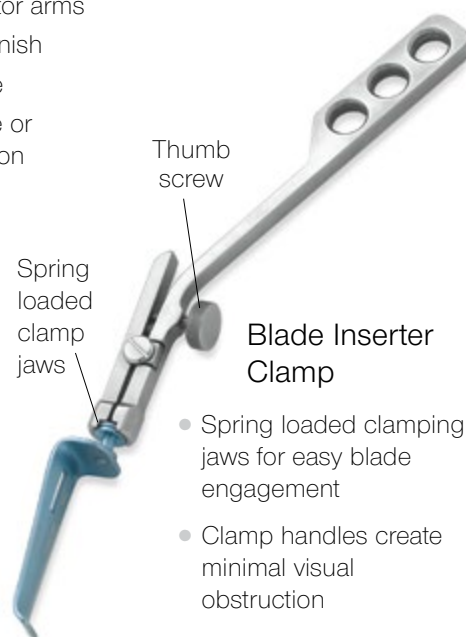
22mm wide blunt blade

22mm wide pronged blade

27mm wide two level blunt blade

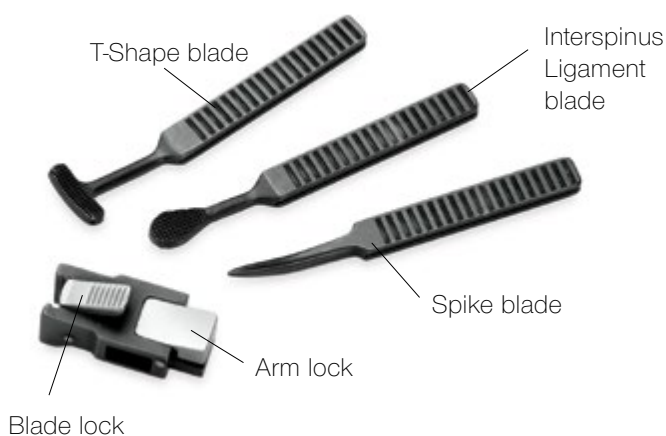
27mm wide two level pronged blade

17mm wide optional narrow Cervical blades 40mm to 60mm depth



Blade Inserter Clamp

- Spring loaded clamping jaws for easy blade engagement
- Clamp handles create minimal visual obstruction
- Blade/clamp assembly may be used for hand retraction
- Clamps are quickly/easily removed after retractor arms have securely engaged the blades



## Lumbar Micro Discectomy Attachments

With this set the standard Cervical Retractor becomes a Lumbar Microdiscectomy Retractor unit.

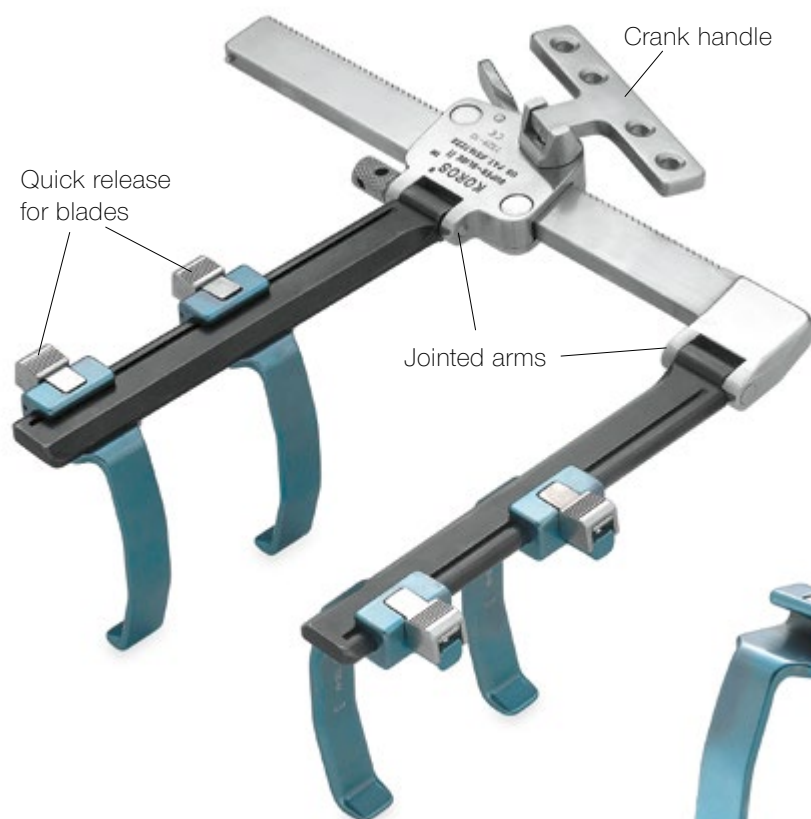
7321-00

Complete set consisting of:

| Qty | Order Code | Description                |
|-----|------------|----------------------------|
| 1   | 7321-10    | Micro Disc attachment      |
| 1   | 7321-20    | Spike Blade                |
| 1   | 7321-30    | T-Shape Blade              |
| 1   | 7321-40    | Inner Spine Ligament Blade |
| 1   | 7322-85    | Pronged Blade 85mm depth   |

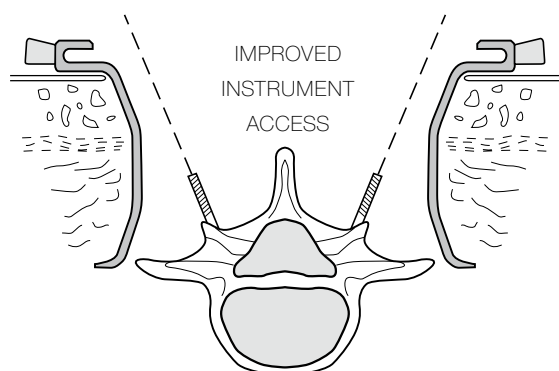


# SUPER-SLIDE II LAMINECTOMY RETRACTOR SET



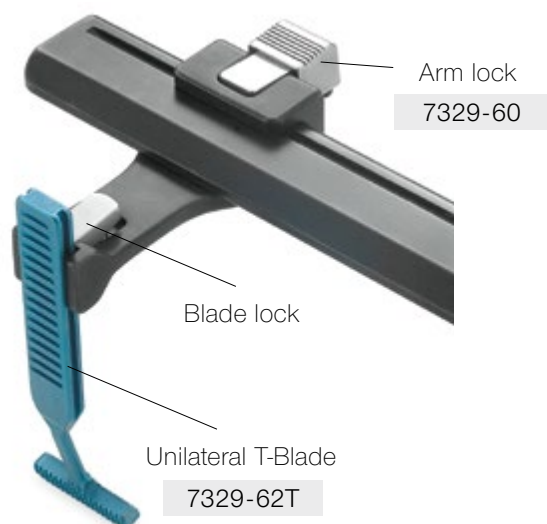
## Super-Slide Retractor Blades

- Will not slip out of wound during surgery
- Narrow blade design minimises potential of tissue necrosis at blade and tissue contact point
- Blades feature quick release locking system

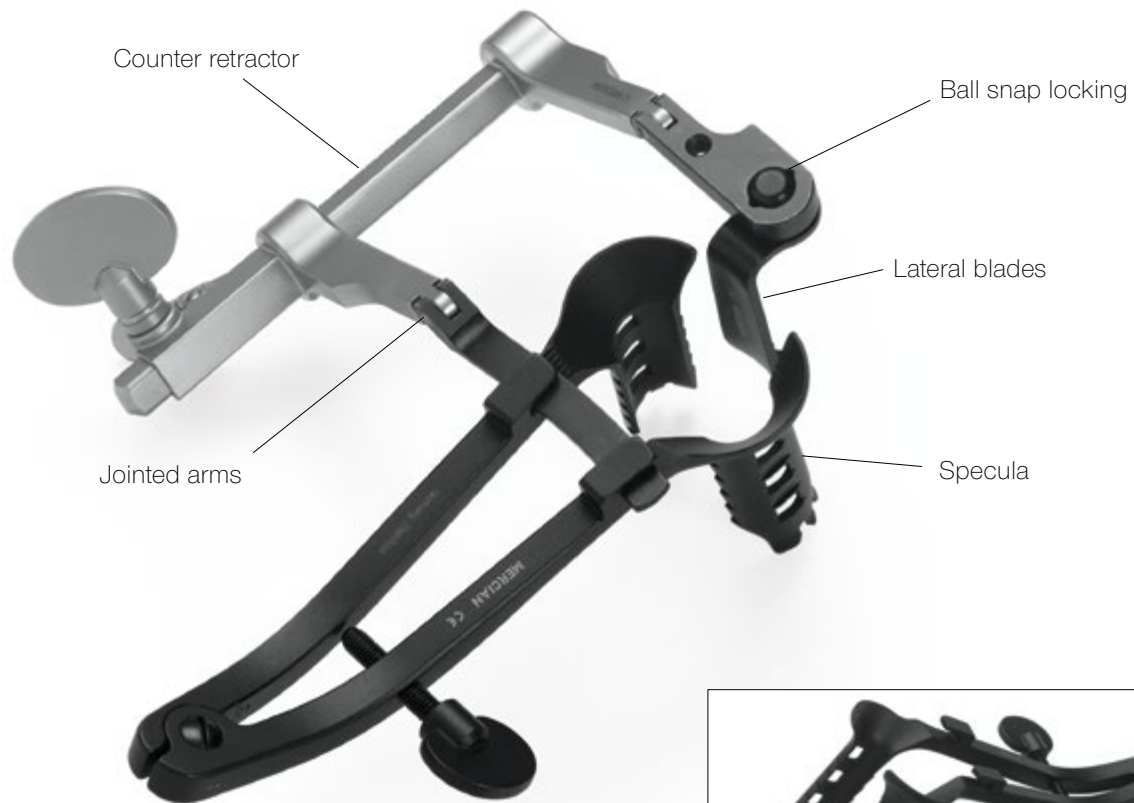


## Unilateral Blade Attachment

- Blades lock into any chosen position along the retractor arms and may be changed at any time during surgery
- Arm locks allow the surgeon the choice of either attaching to the retractor arms then placing the unit into the wound or placing the blades into the wound then engaging the frame arms
- To obtain a unilateral exposure, use the unilateral blade attachments contained in the extended set. The T-Blade is designed to attain a firm purchase on the Spinous process
- The T-Blade can be adjusted to the correct depth with the blade lock



# CASPAR MICRO LUMBAR DISCECTOMY RETRACTOR SET



## Caspar Micro Discectomy Retractor

- This Retractor Set allows a micro surgery approach to Lumbar Disc
- Specula have a black surface finish to prevent glare
- Fenestrated blades on the specula reduce the risk of movement during surgery

## Complete Set

SP5100-00

Consisting of:

| Lateral Blades | Depth | Specula   | Depth |                      |                                |
|----------------|-------|-----------|-------|----------------------|--------------------------------|
| SP5101-40      | 40mm  | SP5100-40 | 40mm  | SP5102-00            | Counter Retractor Frame        |
| SP5101-45      | 45mm  | SP5100-45 | 45mm  | SP5103-00            | Blade Ejector Forceps          |
| SP5101-50      | 50mm  | SP5100-50 | 50mm  | SP5104-00            | Sterilising Container          |
| SP5101-55      | 55mm  | SP5100-55 | 55mm  | SP5105-00            | Tray Insert for Specula        |
| SP5101-60      | 60mm  | SP5100-60 | 60mm  | SP5106-00            | Tray Insert for Lateral Blades |
| SP5101-65      | 65mm  | SP5100-65 | 65mm  |                      |                                |
| SP5101-75      | 75mm  | SP5100-75 | 75mm  |                      |                                |
| SP5101-80      | 80mm  | SP5100-80 | 80mm  |                      |                                |
| SP5101-85      | 85mm  | SP5100-85 | 85mm  |                      |                                |
| SP5101-10      | 100mm | SP5100-10 | 100mm |                      |                                |
|                |       |           |       | Optional extra depth |                                |





## CASPAR MICRO LUMBAR DISCECTOMY RETRACTOR SET

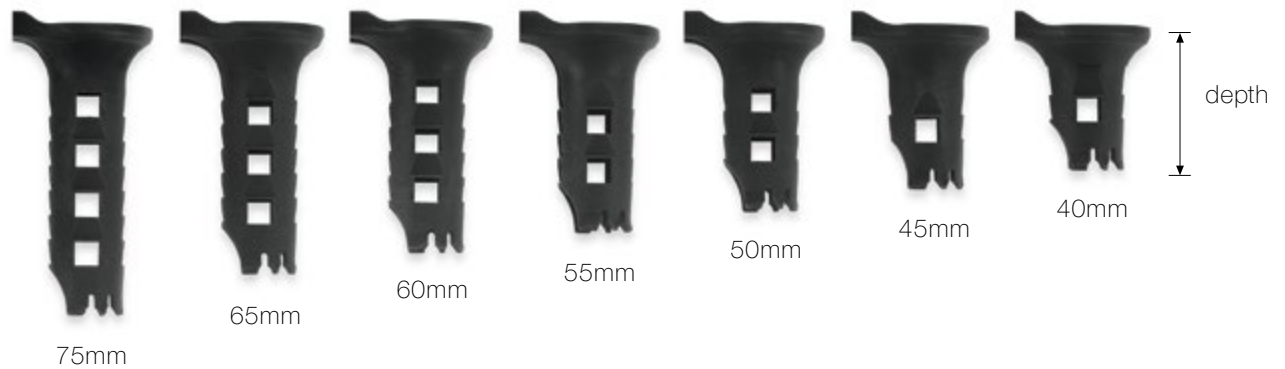


### Blade Ejector Forceps

SP5103-00



### Specula Range



### Caspar Micro Discectomy Retractor Frame

SP5102-00



## PICCOLINO MINI LUMBAR RETRACTOR SET



### Lateral Blades Radiolucent



### Piccolino Mini Lumbar Retractor Set

- Micro Lumbar Surgery
- Lateral blades are radiolucent
- Reduced 20mm incision

### Complete Set

SP5700-00

Consisting of:

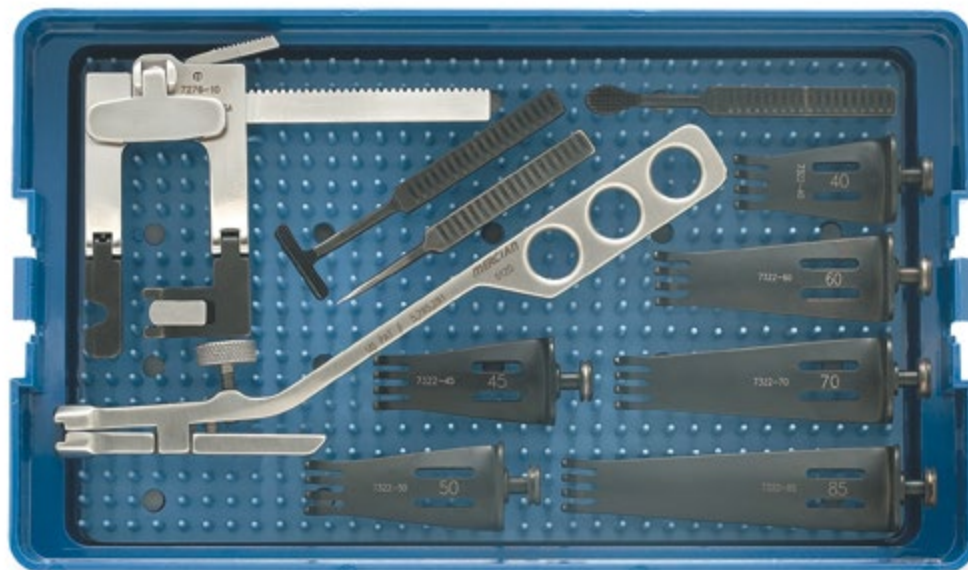
| Lateral Blades | Depth | Specula   | Depth |
|----------------|-------|-----------|-------|
| SP5760-83      | 40mm  | SP5758-35 | 40mm  |
| SP5760-84      | 45mm  | SP5758-36 | 45mm  |
| SP5760-85      | 50mm  | SP5758-37 | 50mm  |
| SP5760-86      | 55mm  | SP5758-38 | 55mm  |
| SP5760-87      | 60mm  | SP5758-39 | 60mm  |
| SP5760-88      | 65mm  | SP5758-40 | 65mm  |
| SP5760-89      | 75mm  | SP5758-42 | 75mm  |
|                |       | SP5758-44 | 85mm  |

SP5757-52      Counter Retractor Frame

### Specula



# BLACK BELT MICRO DISCECTOMY RETRACTOR SET



## Black Belt Micro Discectomy Retractor Set

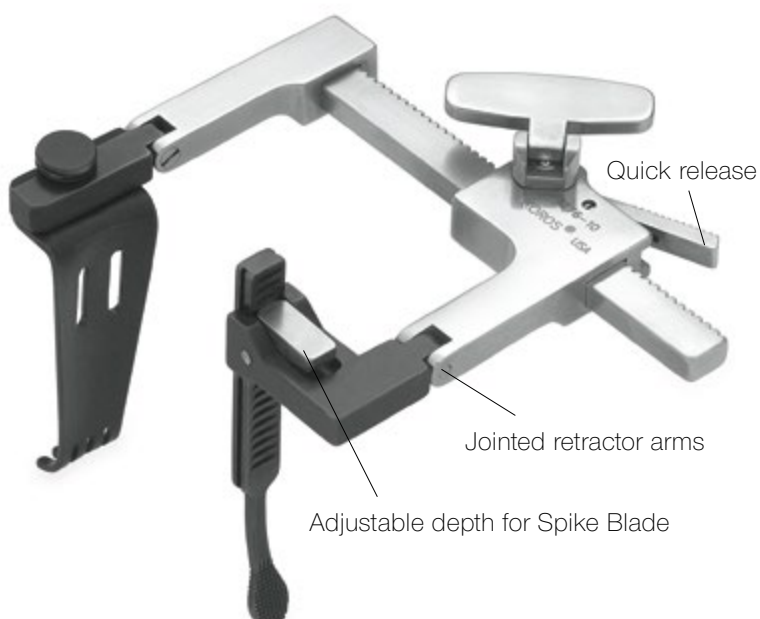
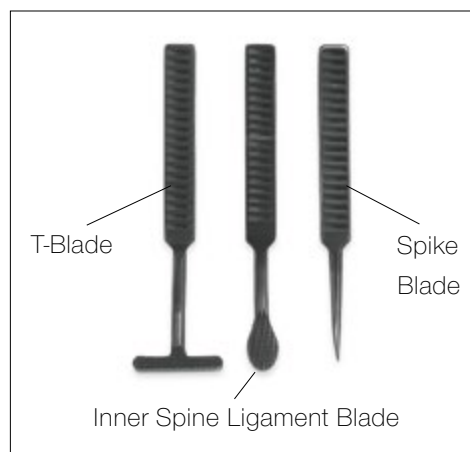
A specialist retractor for Lumbar Micro Discectomy Surgery featuring:

- Jointed retractor arms
- Adjustable blade depth
- Range of pronged blades
- Powerful ratchet action with quick release mechanism

### 7276-00 Complete Set

Complete set consisting of:

| Qty | Order Code | Description                  |
|-----|------------|------------------------------|
| 1   | 7276-10    | Retractor Frame              |
| 1   | 7276-15    | Blade Inserting Clamp        |
| 1   | 7276-20    | Spike Blade                  |
| 1   | 7276-30    | T-Shape Blade                |
| 1   | 7276-35    | Inner Spine - Ligament Blade |
| 1   | 7276-40    | Pronged Blade 40mm           |
| 1   | 7276-45    | Pronged Blade 45mm           |
| 1   | 7276-50    | Pronged Blade 50mm           |
| 1   | 7276-60    | Pronged Blade 60mm           |
| 1   | 7276-70    | Pronged Blade 70mm           |
| 1   | 7276-85    | Pronged Blade 85mm           |
| 1   | 7276-90    | Sterilising Container        |



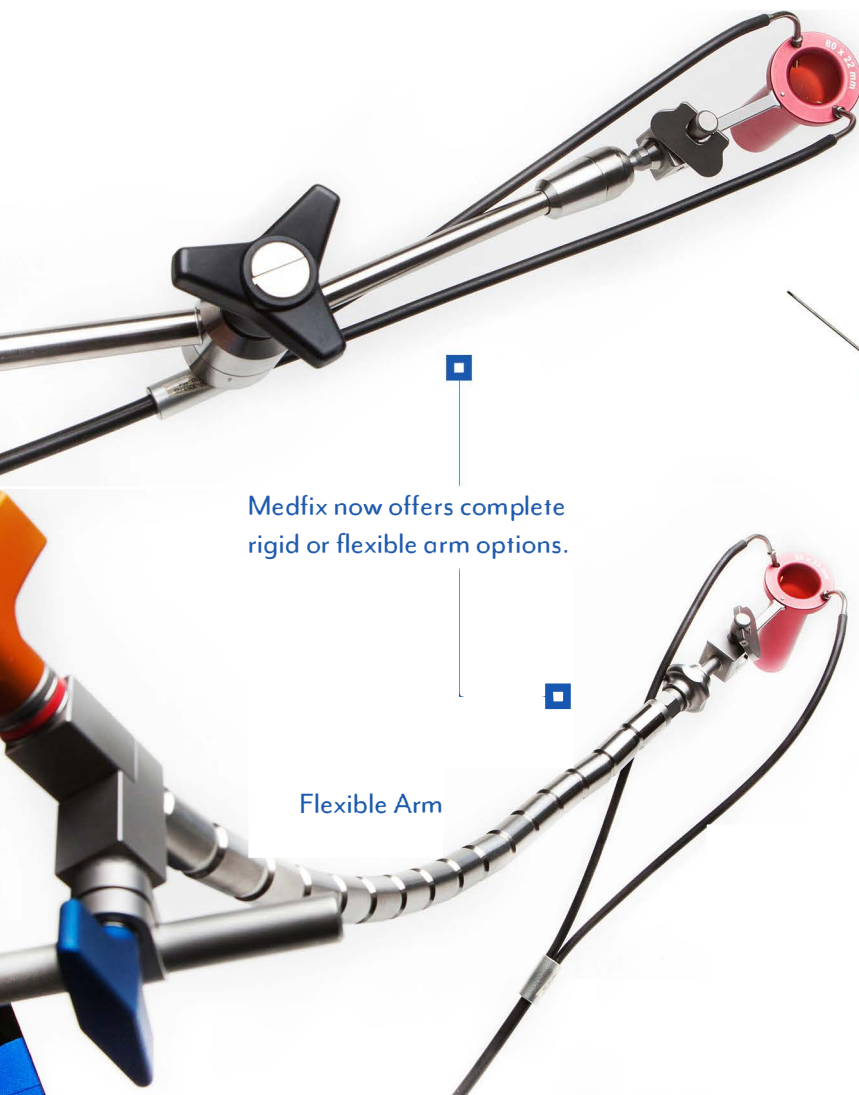
+92 300 6186467



Info@yasageinstruments.com



## TUBULAR RETRACTOR SYSTEM FEATURES



Rigid Arm

Medfix now offers complete rigid or flexible arm options.

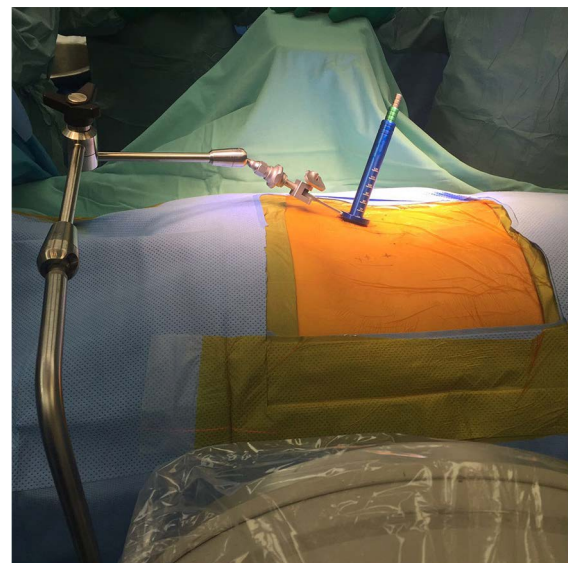
Flexible Arm



All Medfix tubes and dilators are color anodized for easy intra-operative size identification.



All tubes have two cable pathways. Our configurations come with a light cable, and a light source designed to work seamlessly with our system.

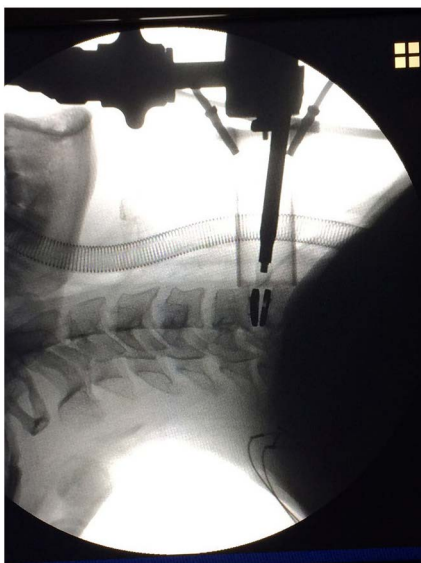




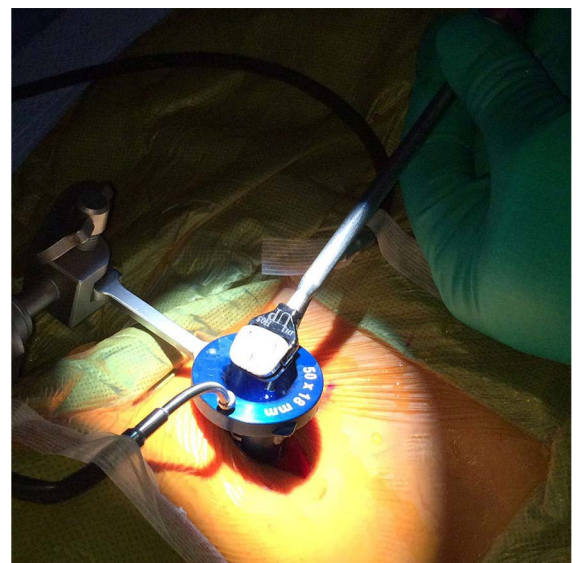
## TUBULAR RETRACTOR SYSTEM FEATURES

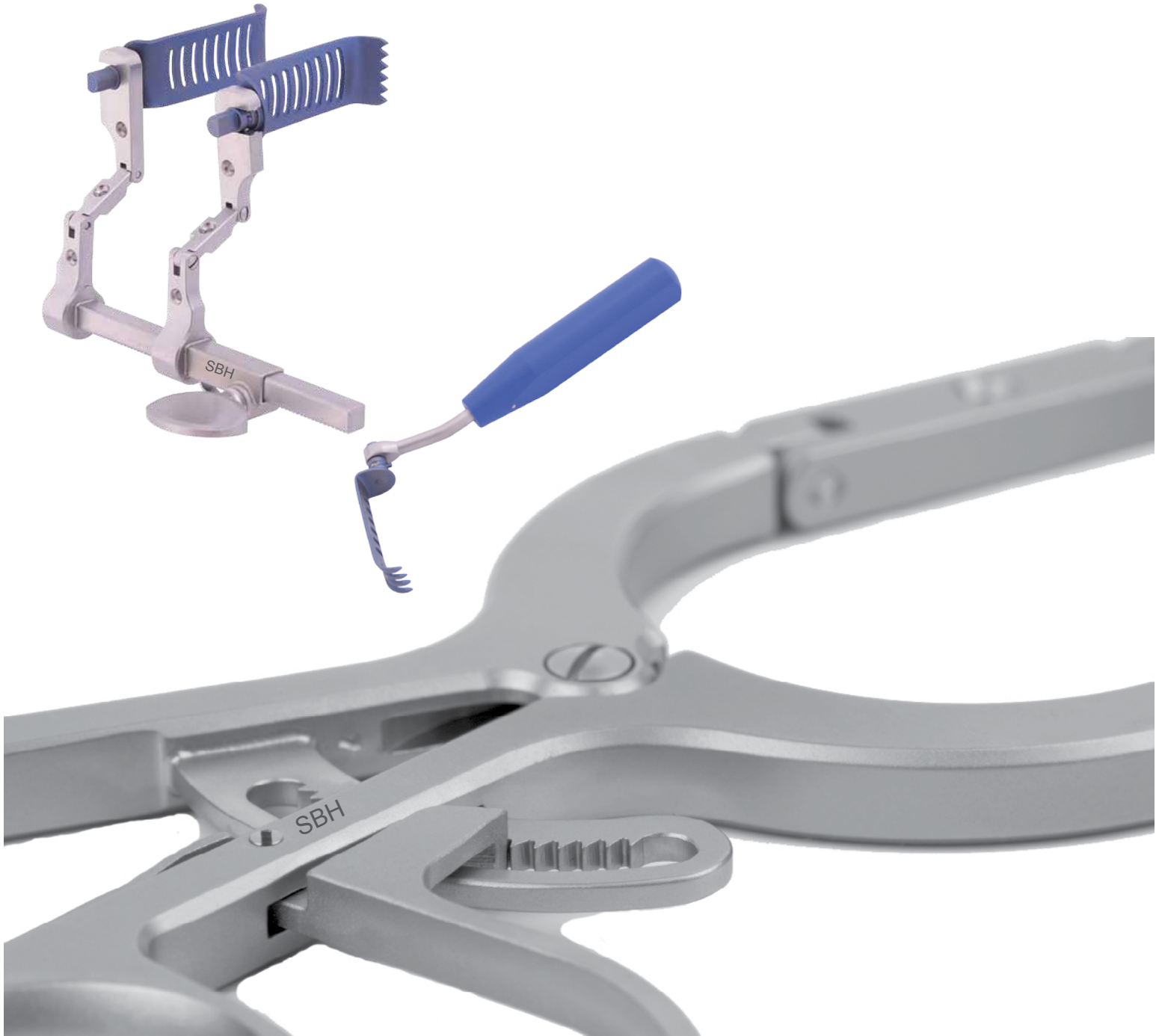


- 18mm, 22mm, and 26mm diameter tubes available.
- 40mm through 120mm tube lengths available (10mm increments).



Our aluminum tubes are more radiolucent than either titanium or stainless steel.





## Caspar Cervical Retractor System

### Advantages:

- Double hinge for individual modification
- 19 mm blades for microsurgical technique
- 24 mm blades for standard technique
- Different lengths from 25 to 75 mm, therefore more flexibility
- T1 ANIUM blades fenestrated for slip-proof fit
- Side loading of the blades for easier handling
- Semi x-ray transparent through T1 ANIUM blades



SB0223-049

Double Hinged Cervical Basic Retractor



SB0223-047

Double Hinged Basic Counter Retractor





SB0223-048

Counter Retractor



SB0223-010

Handle for the insertion of blades  
and also for the use as retractor



SB0223-011

Depth Gauge for determining the length of the blades







Toothed Blades / Medial / Lateral

|             |            |
|-------------|------------|
| SB0223-050T | 19 x 25 mm |
| SB0223-051T | 19 x 30 mm |
| SB0223-052T | 19 x 35 mm |
| SB0223-053T | 19 x 40 mm |
| SB0223-054T | 19 x 45 mm |
| SB0223-055T | 19 x 50 mm |
| SB0223-056T | 19 x 55 mm |
| SB0223-057T | 19 x 60 mm |



Blunt Blades / Longitudinal

|             |            |
|-------------|------------|
| SB0223-060T | 19 x 25 mm |
| SB0223-061T | 19 x 30 mm |
| SB0223-062T | 19 x 35 mm |
| SB0223-063T | 19 x 40 mm |
| SB0223-064T | 19 x 45 mm |
| SB0223-065T | 19 x 50 mm |
| SB0223-066T | 19 x 55 mm |
| SB0223-067T | 19 x 60 mm |



Lateral Blades

|             |            |
|-------------|------------|
| SB0223-141T | 24 x 30 mm |
| SB0223-142T | 24 x 35 mm |
| SB0223-143T | 24 x 40 mm |
| SB0223-144T | 24 x 45 mm |
| SB0223-145T | 24 x 50 mm |
| SB0223-146T | 24 x 55 mm |
| SB0223-147T | 24 x 60 mm |
| SB0223-148T | 24 x 65mm  |
| SB0223-149T | 24 x 70 mm |



Medial blades

|             |            |
|-------------|------------|
| SB0223-151T | 24 x 30 mm |
| SB0223-152T | 24 x 35 mm |
| SB0223-153T | 24 x 40 mm |
| SB0223-154T | 24 x 45 mm |
| SB0223-155T | 24 x 50 mm |
| SB0223-156T | 24 x 55 mm |
| SB0223-157T | 24 x 60 mm |
| SB0223-158T | 24 x 65mm  |
| SB0223-159T | 24 x 70 mm |



Blunt Blades / Longitudinal

|             |            |
|-------------|------------|
| SB0223-162T | 24 x 35 mm |
| SB0223-163T | 24 x 40 mm |
| SB0223-164T | 24 x 45 mm |
| SB0223-165T | 24 x 50 mm |
| SB0223-166T | 24 x 55 mm |
| SB0223-167T | 24 x 60 mm |
| SB0223-168T | 24 x 65 mm |
| SB0223-169T | 24 x 70mm  |
| SB0223-170T | 24 x 75 mm |

## TRANSVERSE RETRACTION (left and right)

**Standard  
Rack  
Retractor**  
(max. 65mm spread)



|                                                                |                                                           |                                                           |                |
|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|----------------|
| single hinge                                                   | SB09-3010                                                 | SB09-3012                                                 | SB09-3010-TI   |
| double hinge                                                   | SB09-4620                                                 | SB09-4622                                                 | -              |
| Material                                                       | Stainless Steel Frame                                     | Stainless Steel Frame with Peek Arms                      | Titanium Frame |
| <b>Elongated<br/>Rack<br/>Retractor</b><br>(max. 155mm spread) | as pictured above, only with a longer bottom rack (180mm) | as pictured above, only with a longer bottom rack (190mm) |                |
| single hinge                                                   | SB09-30102                                                | SB09-3013                                                 | -              |
| double hinge                                                   | -                                                         | SB09-46220                                                |                |
| Material                                                       | Stainless Steel Frame                                     | Stainless Steel Frame with Peek Arms                      | Titanium Frame |



**Blade Changing Forceps RS**

SB09-4711 - 115mm

Blade ejector, for changing the blades

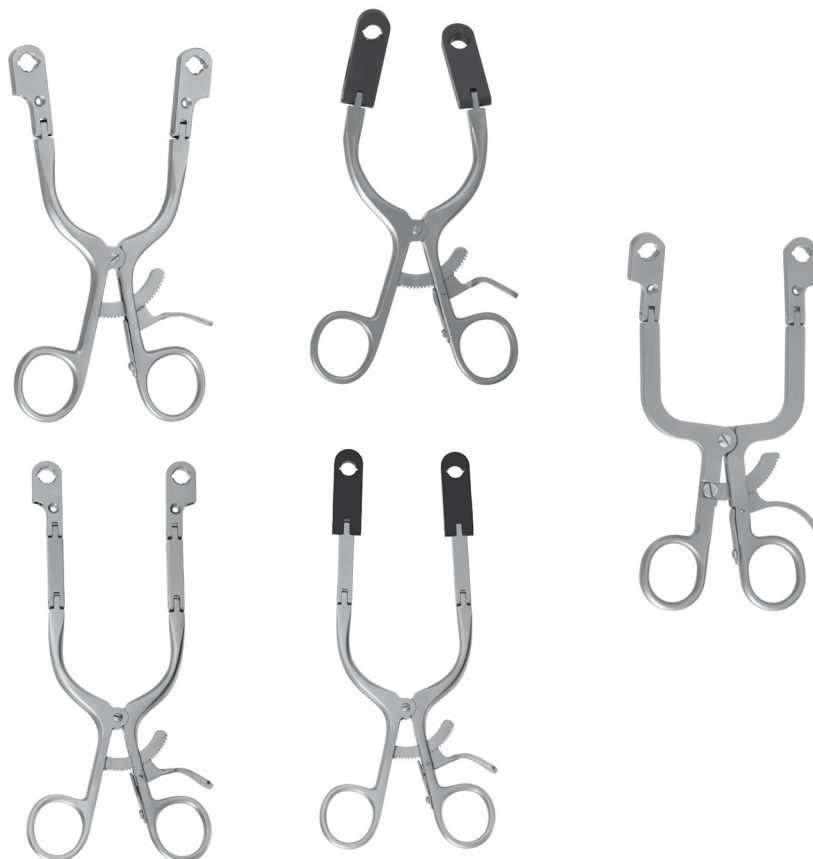


**Peek Handle (Hand Held) Retractor**

SB09-3449

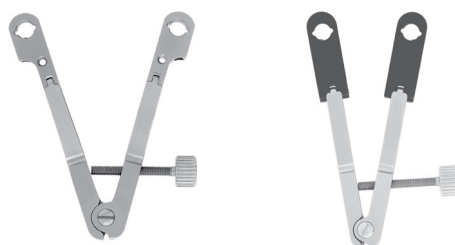
Material: Peek  
Can be used for all types of peek blades as hand held retractor

## LONGITUDINAL RETRACTION (up and down)



**Standard Ring Handle Retractors**

|              |                       |                                      |                |
|--------------|-----------------------|--------------------------------------|----------------|
| single hinge | SB09-4010             | SB09-4012                            | SB09-4010-TI   |
| double hinge | SB09-4011             | SB09-4013                            | -              |
| Material     | Stainless Steel Frame | Stainless Steel Frame with Peek Arms | Titanium Frame |



**Standard V-Handle Retractors**

|              |                       |                                      |                |
|--------------|-----------------------|--------------------------------------|----------------|
| single hinge | SB09-4612             | SB09-4612-P                          | SB09-4010-TI   |
| double hinge | -                     | -                                    | -              |
| Material     | Stainless Steel Frame | Stainless Steel Frame with Peek Arms | Titanium Frame |

## STANDARD BLADES

Medial  
Blades



| Length/Width | 23mm            | 23mm       | 20mm         | 20mm fenestrated |
|--------------|-----------------|------------|--------------|------------------|
|              | Stainless Steel | Peek       | Titanium     | Titanium         |
| 25           | —               | —          | —            | SB09-3226-TI     |
| 30           | —               | —          | —            | SB09-3231-TI     |
| 35           | SB09-3235       | —          | —            | SB09-3236-TI     |
| 40           | SB09-3240       | SB09-9000P | SB09-3240-TI | SB09-3241-TI     |
| 45           | SB09-3245       | SB09-9001P | SB09-3245-TI | SB09-3246-TI     |
| 50           | SB09-3250       | SB09-9002P | SB09-3250-TI | SB09-3251-TI     |
| 55           | SB09-3255       | SB09-9003P | SB09-3255-TI | SB09-3256-TI     |
| 60           | SB09-3260       | SB09-9004P | SB09-3260-TI | SB09-3261-TI     |
| 65           | SB09-3265       | SB09-9005P | SB09-3265-TI | SB09-3266-TI     |
| 70           | SB09-3270       | —          | SB09-3270-TI | SB09-3271-TI     |
| 75           | SB09-3240-075   | SB09-9007P | SB09-3275-TI | —                |
| 80           | SB09-3240-080   | —          | —            | —                |
| 85           | SB09-3240-085   | —          | —            | —                |
| 90           | SB09-3240-090   | —          | —            | —                |
| 95           | SB09-3240-095   | —          | —            | —                |
| 100          | SB09-3240-100   | —          | —            | —                |



## STANDARD BLADES

Lateral  
Blades



| Length/Width | 23mm            | 23mm       | 20mm         | 20mm fenestrated |
|--------------|-----------------|------------|--------------|------------------|
|              | Stainless Steel | Peek       | Titanium     | Titanium         |
| 25           | —               | —          | SB09-3425-TI | SB09-3426-TI     |
| 30           | —               | —          | SB09-3430-TI | SB09-3431-TI     |
| 35           | —               | —          | SB09-3435-TI | SB09-3436-TI     |
| 40           | SB09-3440       | SB09-3441P | SB09-3440-TI | SB09-3441-TI     |
| 45           | SB09-3445       | SB09-3446P | SB09-3445-TI | SB09-3446-TI     |
| 50           | SB 3450         | SB09-3451P | SB09-3450-TI | SB09-3451-TI     |
| 55           | SB09-3455       | SB09-3456P | SB09-3455-TI | SB09-3456-TI     |
| 60           | SB09-3460       | SB09-3461P | SB09-3460-TI | SB09-3461-TI     |
| 65           | SB09-3465       | SB09-3466P | SB09-3465-TI | SB09-3466-TI     |
| 70           | SB09-3471       | —          | SB09-3470-TI | SB09-3471-TI     |
| 75           | —               | SB09-3469P | SB09-3475-TI | —                |

Extra Thin  
Lateral  
Blades

as pictured above,  
but  
reduced width



| Length/Width | 15mm            | 12mm           | -        | 20mm fenestrated |
|--------------|-----------------|----------------|----------|------------------|
|              | Stainless Steel | Peek           | Titanium | Titanium         |
| 40           | SB09-3470       | SB09-3444-040P | —        | —                |
| 45           | SB09-3472       | SB09-3444-045P | —        | —                |
| 50           | SB09-3474       | SB09-3444-050P | —        | —                |
| 55           | SB09-3476       | SB09-3444-055P | —        | —                |
| 60           | SB09-3478       | SB09-3444-060P | —        | —                |

## STANDARD BLADES

### Blunt Blades



| Length/Width | 232mm           | 23mm       | 20mm         | 20mm fenestrated |
|--------------|-----------------|------------|--------------|------------------|
|              | Stainless Steel | Peek       | Titanium     | Titanium         |
| 25           | —               | —          | —            | —                |
| 30           | —               | —          | SB09-4230-TI | —                |
| 35           | SB09-4235       | —          | SB09-4235-TI | SB09-4236-TI     |
| 40           | SB09-4240       | SB09-4241P | SB09-4240-TI | SB09-4241-TI     |
| 45           | SB09-4245       | SB09-4246P | SB09-4245-TI | SB09-4246-TI     |
| 50           | SB09-4250       | SB09-4251P | SB09-4250-TI | SB09-4251-TI     |
| 55           | SB09-4255       | SB09-4256P | SB09-4255-TI | SB09-4256-TI     |
| 60           | SB09-4260       | SB09-4261P | SB09-4260-TI | SB09-4261-TI     |
| 65           | SB09-4265       | SB09-4266P | SB09-4265-TI | SB09-4266-TI     |
| 70           | SB09-4270       | —          | SB09-4270-TI | SB09-4271-TI     |
| 75           | SB09-4275       | SB09-4269P | SB09-4275-TI | SB09-4276-TI     |
| 80           | —               | —          | —            | —                |
| 85           | —               | —          | —            | —                |
| 90           | —               | —          | —            | —                |
| 95           | —               | —          | —            | —                |
| 100          | —               | —          | —            | —                |

## SIDELoadERS

### Sideloaders Retractors



Ring Handle Retractor



Rack Retractor



V-Handle Retractor  
(simple style)

|              |                       |                       |                       |
|--------------|-----------------------|-----------------------|-----------------------|
| single hinge | —                     | —                     | SB09- 4808-SL         |
| double hinge | SB09-4802-SL          | SB09- 4800-SL         | —                     |
| material     | Stainless Steel Frame | Stainless Steel Frame | Stainless Steel Frame |

### Sideloaders Titanium Blades (fenstered)



Medial



Lateral



Blunt

| Length/Width | 24mm         | 19mm         | 24mm         | 12mm             | 24mm         | 19mm         | 12mm             |
|--------------|--------------|--------------|--------------|------------------|--------------|--------------|------------------|
| 25           | —            | SB09-4850-TI | —            | —                | —            | SB09-4860-TI | —                |
| 30           | SB09-4870-TI | SB09-4851-TI | SB09-4880-TI | —                | —            | SB09-4861-TI | —                |
| 35           | SB09-4871-TI | SB09-4852-TI | SB09-4881-TI | SB09-4848-035-TI | SB09-4891-TI | SB09-4862-TI | SB09-4858-035-TI |
| 40           | SB09-4872-TI | SB09-4853-TI | SB09-4882-TI | SB09-4848-040-TI | SB09-4892-TI | SB09-4863-TI | SB09-4858-040-TI |
| 45           | SB09-4873-TI | SB09-4854-TI | SB09-4883-TI | SB09-4848-045-TI | SB09-4893-TI | SB09-4864-TI | SB09-4858-045-TI |
| 50           | SB09-4874-TI | SB09-4855-TI | SB09-4884-TI | SB09-4848-050-TI | SB09-4894-TI | SB09-4865-TI | SB09-4858-050-TI |
| 55           | SB09-4875-TI | SB09-4856-TI | SB09-4885-TI | SB09-4848-055-TI | SB09-4895-TI | SB09-4866-TI | SB09-4858-060-TI |
| 60           | SB09-4876-TI | SB09-4857-TI | SB09-4886-TI | SB09-4848-060-TI | SB09-4896-TI | SB09-4867-TI | SB09-4858-065-TI |
| 65           | SB09-4877-TI | —            | SB09-4887-TI | SB09-4848-065-TI | SB09-4897-TI | —            | SB09-4858-070-TI |
| 70           | SB09-4878-TI | —            | SB09-4888-TI | SB09-4848-070-TI | SB09-4898-TI | —            | SB09-4858-075-TI |
| 75           | —            | —            | —            | SB09-4848-075-TI | SB09-4899-TI | —            | —                |

Sideloaders Blades are available only from Titanium material.



## LUMBAR SPINE INSTRUMENTS

Counter Retractor



Counter Retractor

Stainless Steel Frame  
blackened

Counter Retractor Blades

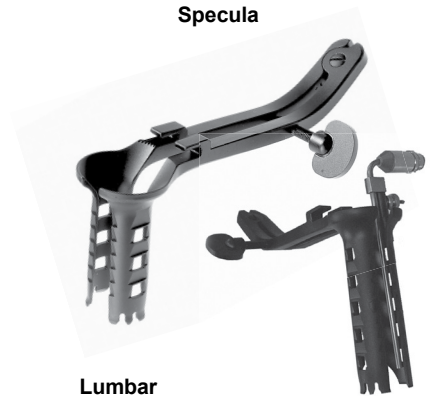


Lateral  
for Counter  
Retractor



Paraspinal Blade  
for Counter  
Retractor

Specula



Lumbar  
Fenestrated

Stainless Steel, blackened

| Length<br>(mm) | Lateral Blade | Paraspinal Blade | Standard<br>Speculum | Speculum with<br>Light Source<br>Carrier |
|----------------|---------------|------------------|----------------------|------------------------------------------|
| 35             | SB09 - 3480   | SB09 - 3479      | -                    | -                                        |
| 40             | SB09 - 3482   | SB09 - 3483      | SB09 - 6425          | -                                        |
| 45             | SB09 - 3484   | SB09 - 3485      | SB09 - 6426          | -                                        |
| 50             | SB09 - 3486   | SB09 - 3487      | SB09 - 6427          | -                                        |
| 55             | SB09 - 3488   | SB09 - 3489      | SB09 - 6428          | -                                        |
| 60             | SB09 - 3490   | SB09 - 3491      | SB09 - 6429          | -                                        |
| 65             | SB09 - 3492   | SB09 - 3493      | SB09 - 6434          | -                                        |
| 70             | SB09 - 3497   | SB09 - 3495      | SB09 - 6436          | SB09 - 6436LT                            |
| 75             | SB09 - 3494   | SB09 - 3481      | SB09 - 6432          | SB09 - 6432LT                            |
| 80             | SB09 - 3499   | -                | SB09 - 6435          | SB09 - 6435LT                            |
| 85             | SB09 - 3496   | -                | SB09 - 6433          | SB09 - 6433LT                            |
| 100            | SB09 - 3498   | -                | SB09 - 6437          | -                                        |

CERVICAL DISTRACTORS



left



right

Not Actual Size

|                   |                   |                                   |                                   |
|-------------------|-------------------|-----------------------------------|-----------------------------------|
|                   | spread<br>approx. | left                              | right                             |
| rotatable version | 70mm              | SBH 4648                          | SBH 4644                          |
|                   |                   | Adjustable<br>Cervical Distractor | Adjustable<br>Cervical Distractor |



Vertebral  
Distractor

left

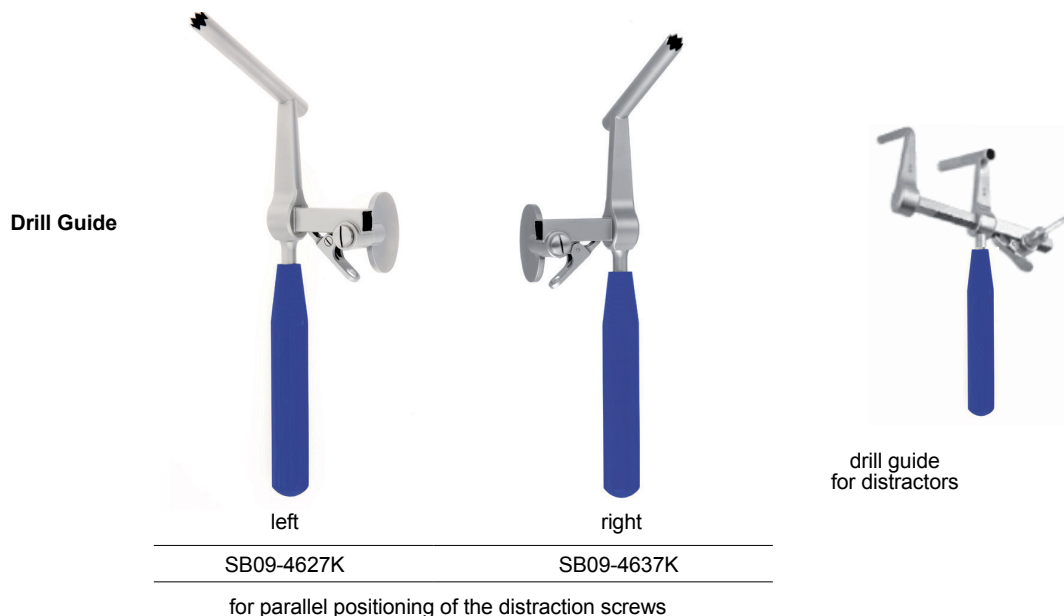
right

Not Actual Size

|                  |                   |           |           |
|------------------|-------------------|-----------|-----------|
|                  | spread<br>approx. | left      | right     |
| standard version | 60mm              | SB09-4621 | SB09-4631 |

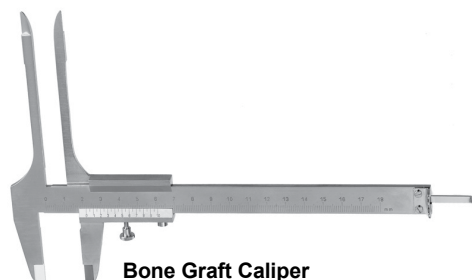
Vertebral body distractor for use  
in surgical procedures from the  
right and from the left approach.

Elongated version is used for  
multilevel (more than 2)  
distraction.



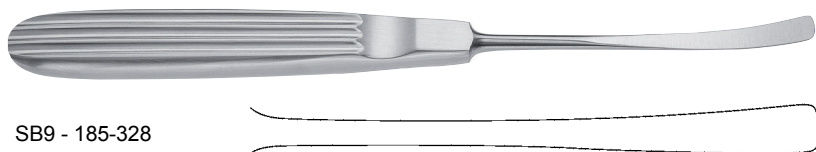
## SUPPLIES

|                                                                                     |             | Length         | Details                             |
|-------------------------------------------------------------------------------------|-------------|----------------|-------------------------------------|
|  | SB09-4637K  | 200mm          | Screw driver for distraction screws |
|                                                                                     | SB09-6020   |                | Ø 3m                                |
|  | SB09-6021   | 200mm          | Ø 5m                                |
|                                                                                     | SB09-6022   | 8"             | Ø 8m                                |
|  | SB09-6024   |                | 6x15mm                              |
|                                                                                     | SB09-6025   | 218mm<br>8.25" | 6x12mm                              |
|  | SB09-6012-L | 1.7 mm         | 8 mm drilling depth                 |
|                                                                                     | SB09-6012   | 1.7 mm         | 14 mm drilling depth                |
| for pre-boring holes for distraction screws                                         |             |                |                                     |
|  | SB09-6007   | 66mm           | 12mm tip                            |
|                                                                                     | SB09-6014   | 68mm           | 14mm tip                            |
|                                                                                     | SB09-6016   | 70mm           | 16mm tip                            |
|                                                                                     | SB09-6018   | 72mm           | 18mm tip                            |
| to be used with vertebral distractors (page 11)                                     |             |                |                                     |



SB09-9291

Tool for determining graft size



## RASPATORY

6.2mm, curved, sharp, 180mm



## VERTEBRAL BODY DISSECTORS

with Synthetic Handle, 205mm



SB9 - 185-917



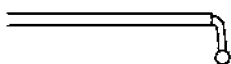
SB9 - 185-918

## HOOKS

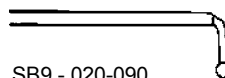
Exploration and Coagulation Hooks insulated, 245mm



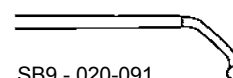
SB9 - 020-088



SB9 - 020-089



SB9 - 020-090



SB9 - 020-091

## BONE TAMPER

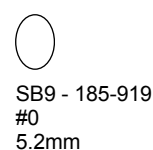
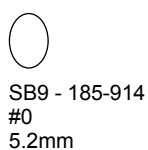
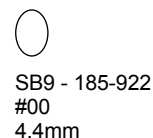
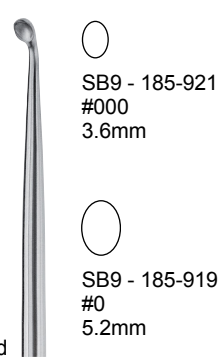
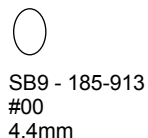
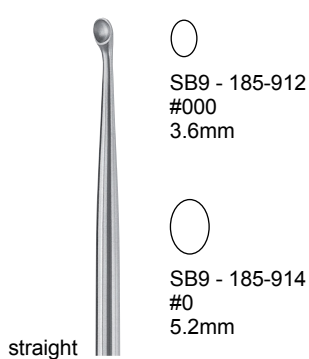
200mm overall length  
with Synthetic Handle

SB10 - 273-200 Ø 3m  
SB10 - 274-200 Ø 5m  
SB10 - 275-200 Ø 8m



## BONE CURETTES

220mm overall length with Synthetic Handle







## BONE CURETTES

Square Hole, toothed,  
with Synthetic Handle, 220mm



SB9 - 185-915  
4mm



SB9 - 185-916  
5mm



SB9 - 185-910  
6mm

## BONE CURETTES

Square Hole, serrated  
knee bent



270 mm



SB9 - 340-003  
3mm

250 mm



SB9 - 342-004  
4mm



SB9 - 340-004  
4mm



SB9 - 342-005  
5mm



Life Saving Instruments

Inquiry now Today Call us!  
**WhatsApp# +92 300 6186467**

for Email  
**info@yasageinstruments.com**

Contact address  
**Kashmir Road, Sialkot 51310,  
PAKISTAN**