



**REIL**  
09-352-170  
17 cm



**REDUCTION FORCEPS**  
09-353-200  
20 cm



**09-354-170**  
17 cm



**09-355-130**  
13 cm



**09-356-175**  
17.5cm

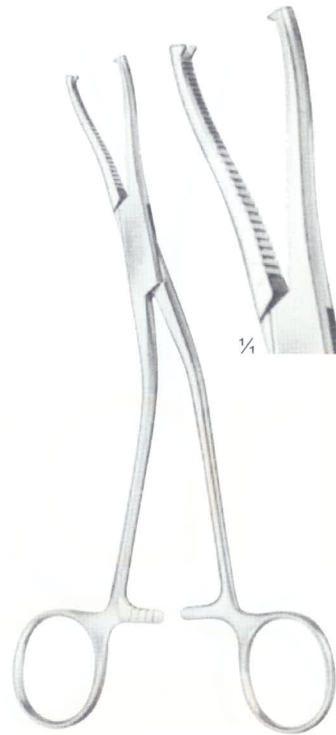
**LEWIN**



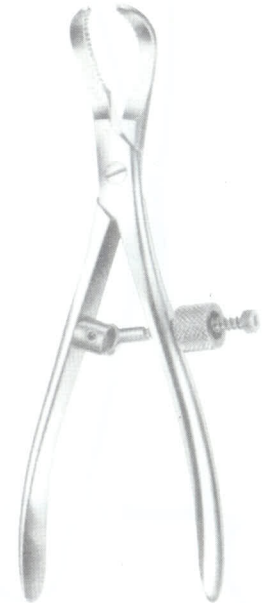
**REPOSITION**  
09-357-130  
13 cm



09-358-135  
13.5 cm



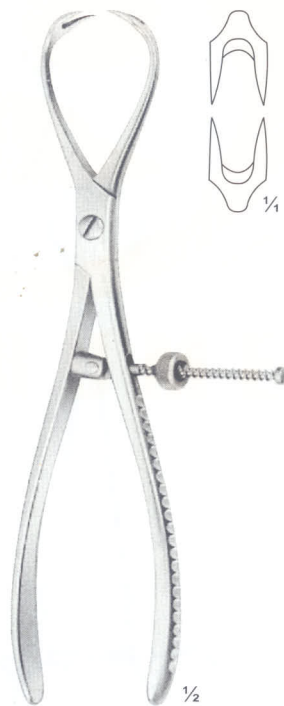
DINGMANN  
09-359-180  
18 cm



09-360-160  
16 cm



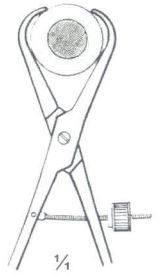
09-361-220  
22 cm

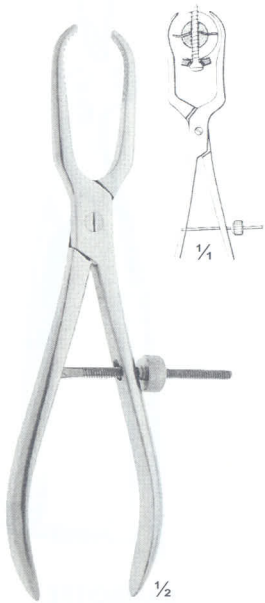


PATELLA  
09-362-185  
18.5 cm



09-363-160 16 cm  
09-364-240 24 cm  
with Thread Lock





**REPOSITION  
FORCEPS**  
09-365-230  
23 cm



**HEY GROVES**  
09-366-210 21 cm  
09-367-270 27 cm  
09-368-300 30 cm



**LANE**  
09-369-330 33 cm  
09-370-470 47 cm



**LANE**  
09-371-330 33 cm  
09-372-470 47 cm



**KERN**  
09-373-160 16 cm with ratchet  
09-374-210 21 cm with ratchet  
09-375-160 16 cm without ratchet  
09-376-210 21 cm without ratchet



**FARABEU-F-LAMBOTTE**  
09-377-230 23 cm with ratchet  
09-378-260 26 cm with ratchet  
09-379-230 23 cm mm without ratchet  
09-380-260 26 cm mm without ratchet



SELF-CENTERING

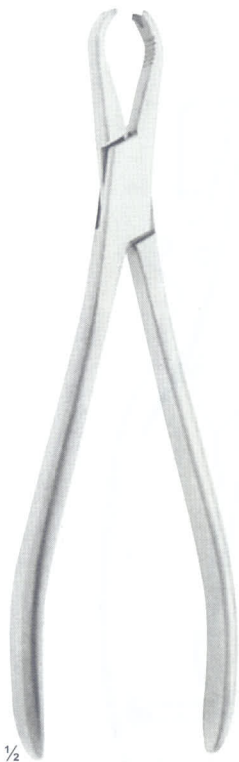
- 09-384-150**  
For small Fragments 15 cm, jaw 9 mm
- 09-385-190**  
19 cm, Extra small jaw 10 mm
- 09-386-240**  
24 cm, small jaw 14 mm
- 09-387-260**  
26 cm, medium jaw 18 mm
- 09-388-280**  
28 cm, large jaw 23 mm



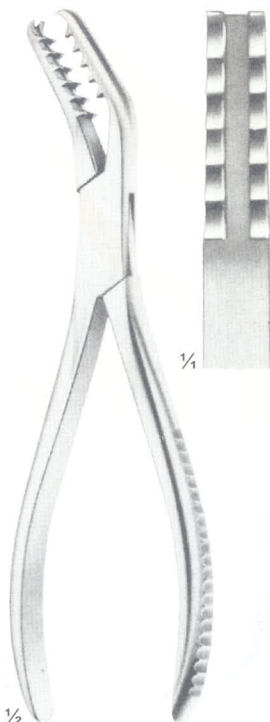
- ULRICH**
- 09-389-190** 19 cm
  - 09-390-230** 23 cm
  - 09-391-250** 25 cm
  - 09-392-280** 28 cm



- LAMBOTTE**
- 09-393-220** 22 cm
  - 09-394-270** 27 cm
  - 09-395-330** 33 cm



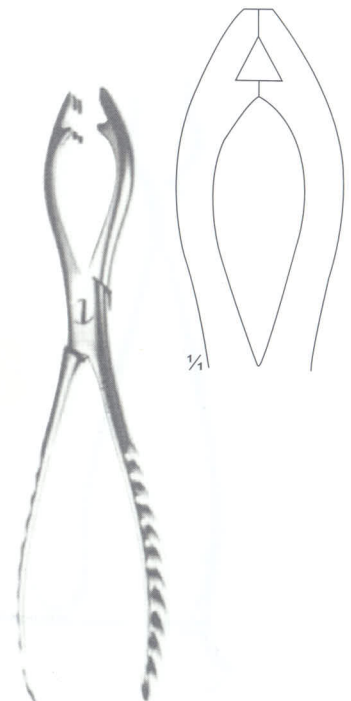
**09-396-200**  
20 cm



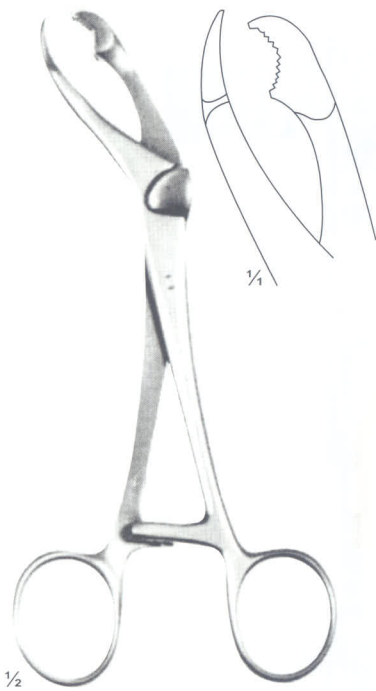
**SEMB**  
**09-397-190**  
19 cm



**FERGUSON**  
**09-398-230**  
23 cm



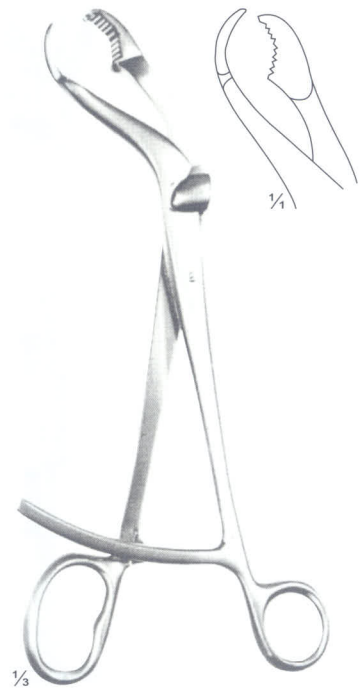
**FERGUSON**  
**09-399-210**  
21 cm



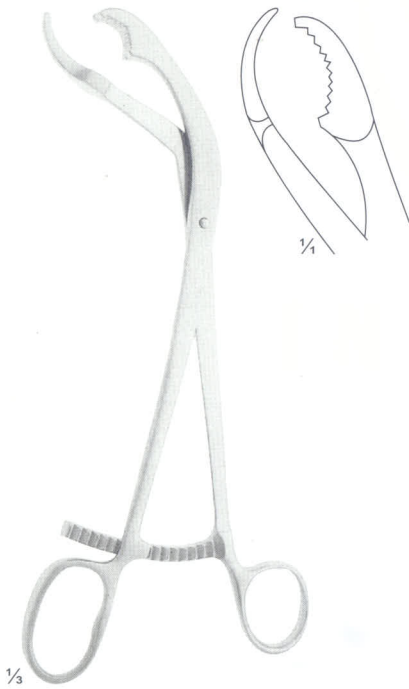
**VERBRUGGE**  
09-400-180  
18 cm



**VERBRUGGE**  
09-401-180  
18 cm



**VERBRUGGE**  
09-402-250 25 cm  
09-403-260 26 cm  
09-404-270 27 cm



**VERBRUGGE**  
09-405-250 25 cm  
09-406-260 26 cm  
09-407-270 27 cm

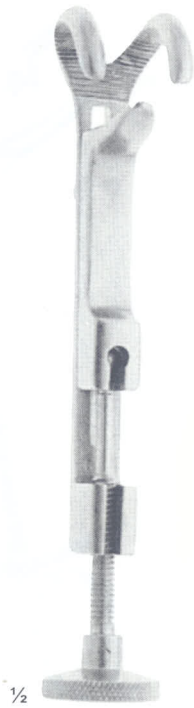


**VERBRUGGE**  
09-408-180  
18 cm



**VERBRUGGE**  
09-409-250 25 cm  
09-410-260 26 cm  
09-411-270 27 cm

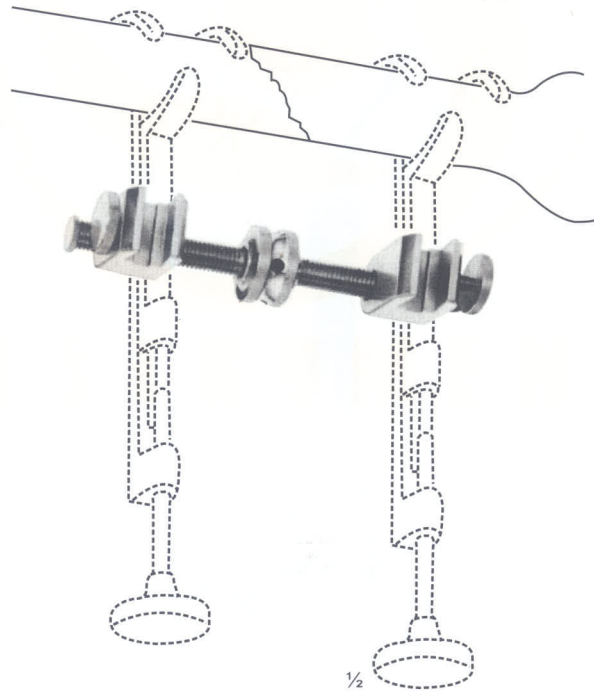
# ORTHOPAEDICS CLAMPS



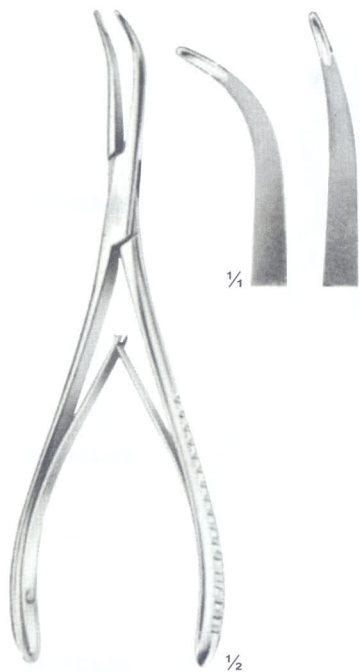
**LOWMANN**  
09-412-130 13.0 cm  
09-413-185 18.5 cm  
09-414-300 30.0 cm



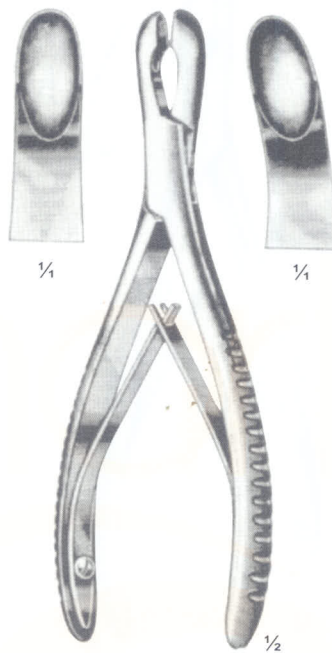
**LOWMAN-HOGLUND**  
09-415-175  
17.5 cm



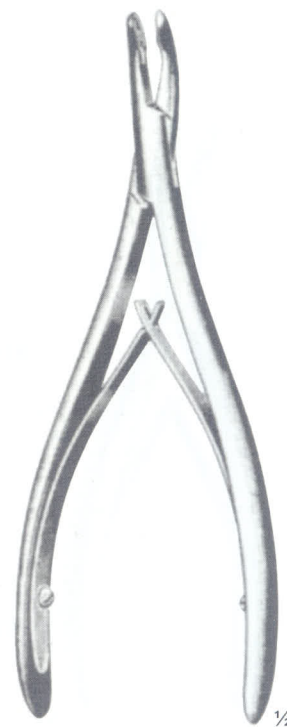
**GERSTER**  
09-416-180 Blad Jaw 18 cm  
09-417-200 Blad Jaw 20 cm  
09-418-220 Blad Jaw 22 cm



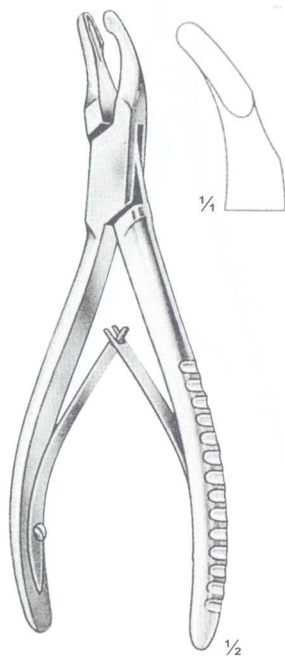
**STELLBRINK  
SYNOVCTOMY**  
09-419-175  
17.5 cm



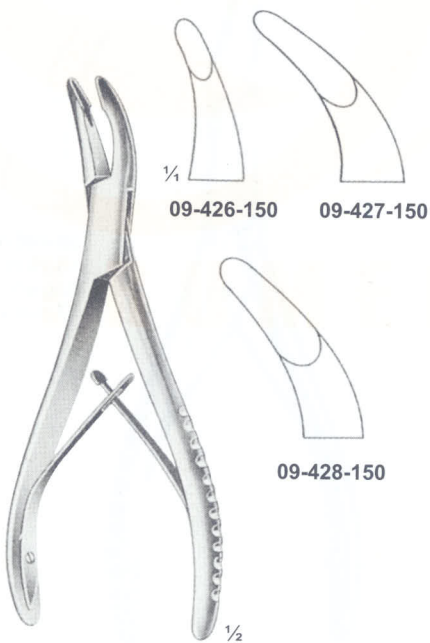
**LUER**  
09-420-170 17 cm straight  
09-421-170 17 cm curved



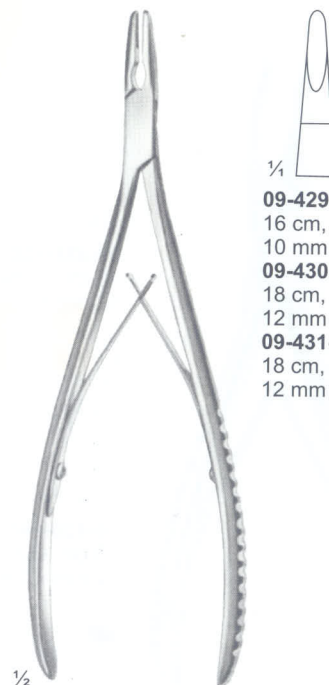
**LEMPERT**  
09-422-190 19 cm straight  
09-423-190 19 cm curved



**CLEVELAND**  
09-424-140 14 cm  
09-425-170 17 cm

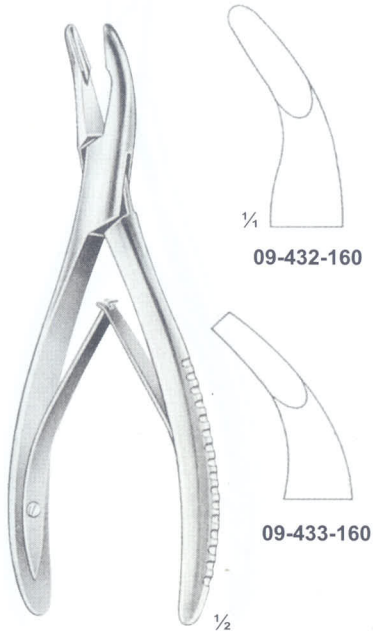


**LUER**  
15 cm

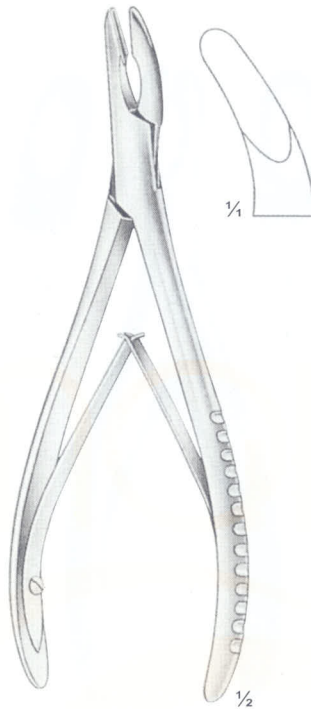


**LEMPERT**

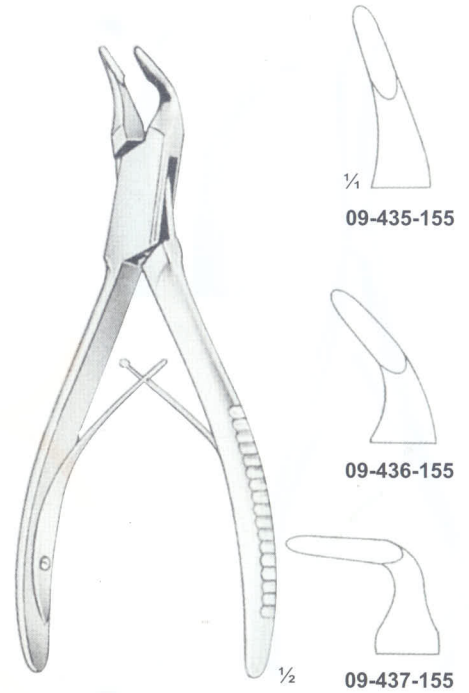
09-429-160  
16 cm, Curved  
10 mm x 4.5 mm  
09-430-180  
18 cm, Straight  
12 mm x 3 mm  
09-431-180  
18 cm, Curved  
12 mm x 3 mm



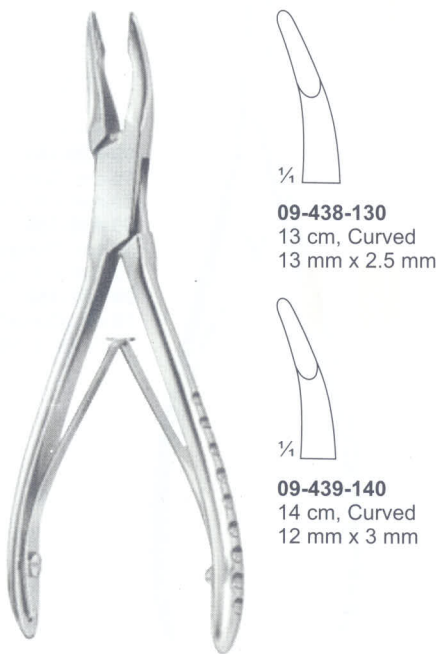
**MEAD**  
16 cm



**MARTMANN**  
09-434-185  
18.5 cm



**BLUMENTHAL**  
15.5 cm



**FRIEDMAN &  
MINI-FRIEDMAN**

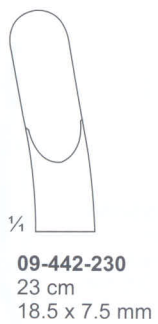


**UNIVERSAL**



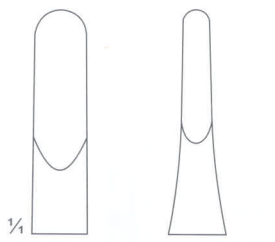
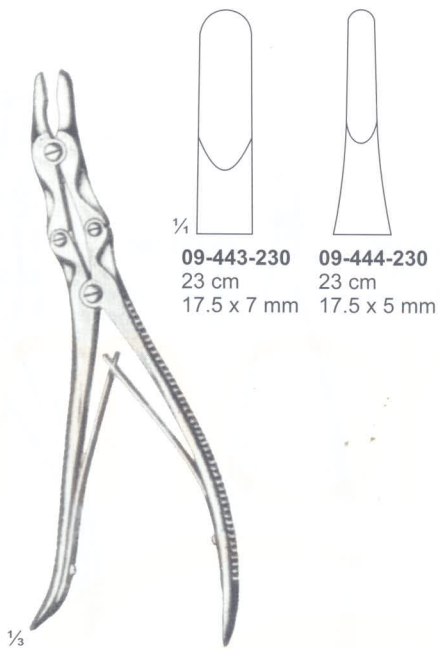
**ADSON**  
09-441-20  
20 cm, Straight  
15 mm x 7.5 mm





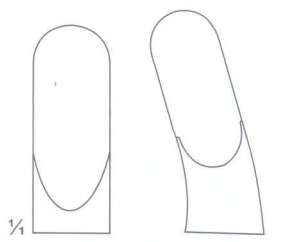
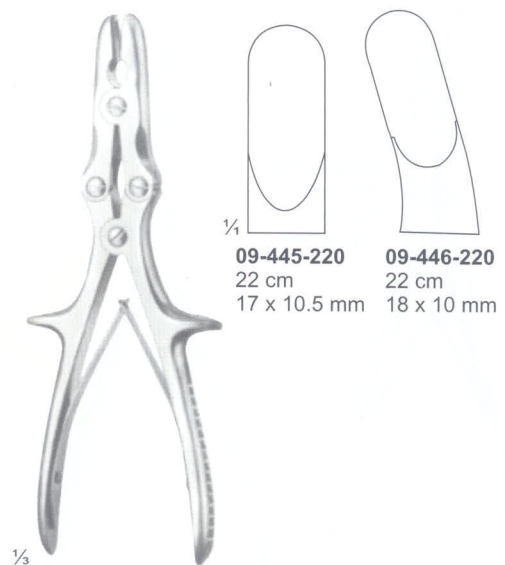
**09-442-230**  
23 cm  
18.5 x 7.5 mm

**STILLE-RUSKIN**



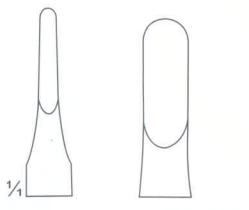
**09-443-230**    **09-444-230**  
23 cm            23 cm  
17.5 x 7 mm    17.5 x 5 mm

**LEKSELL-STILLE**



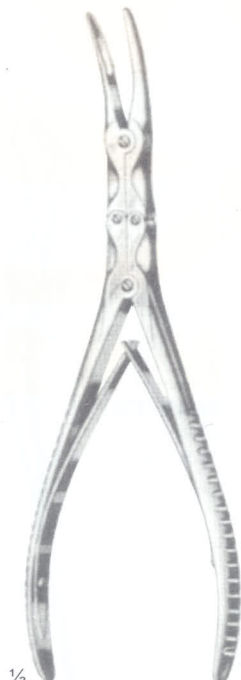
**09-445-220**    **09-446-220**  
22 cm            22 cm  
17 x 10.5 mm    18 x 10 mm

**STILLE-LUER**



**09-447-230**    **09-448-230**  
23 cm            23 cm  
Duckbill        Duckbill  
15 x 2 mm       15 x 6 mm

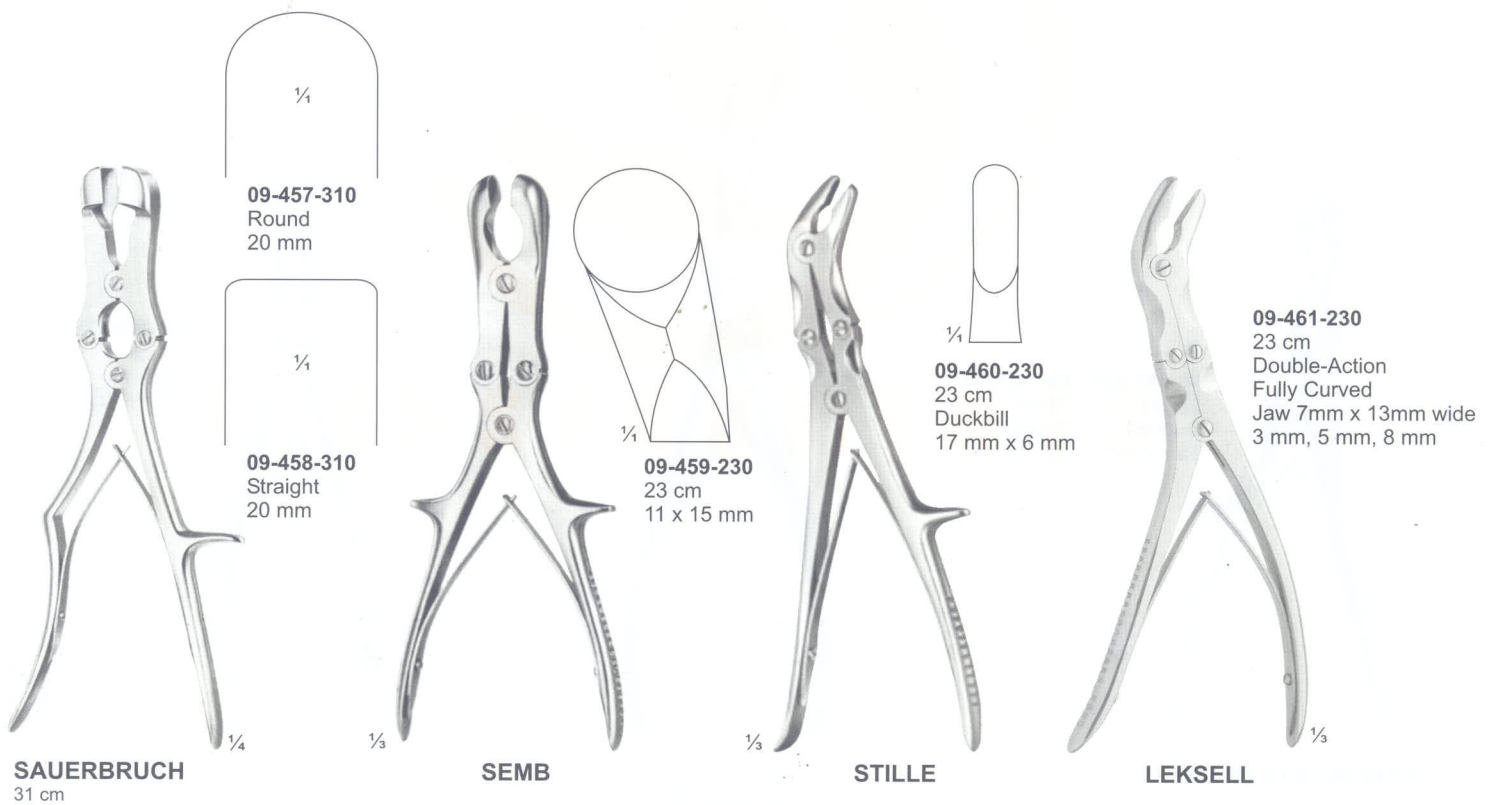
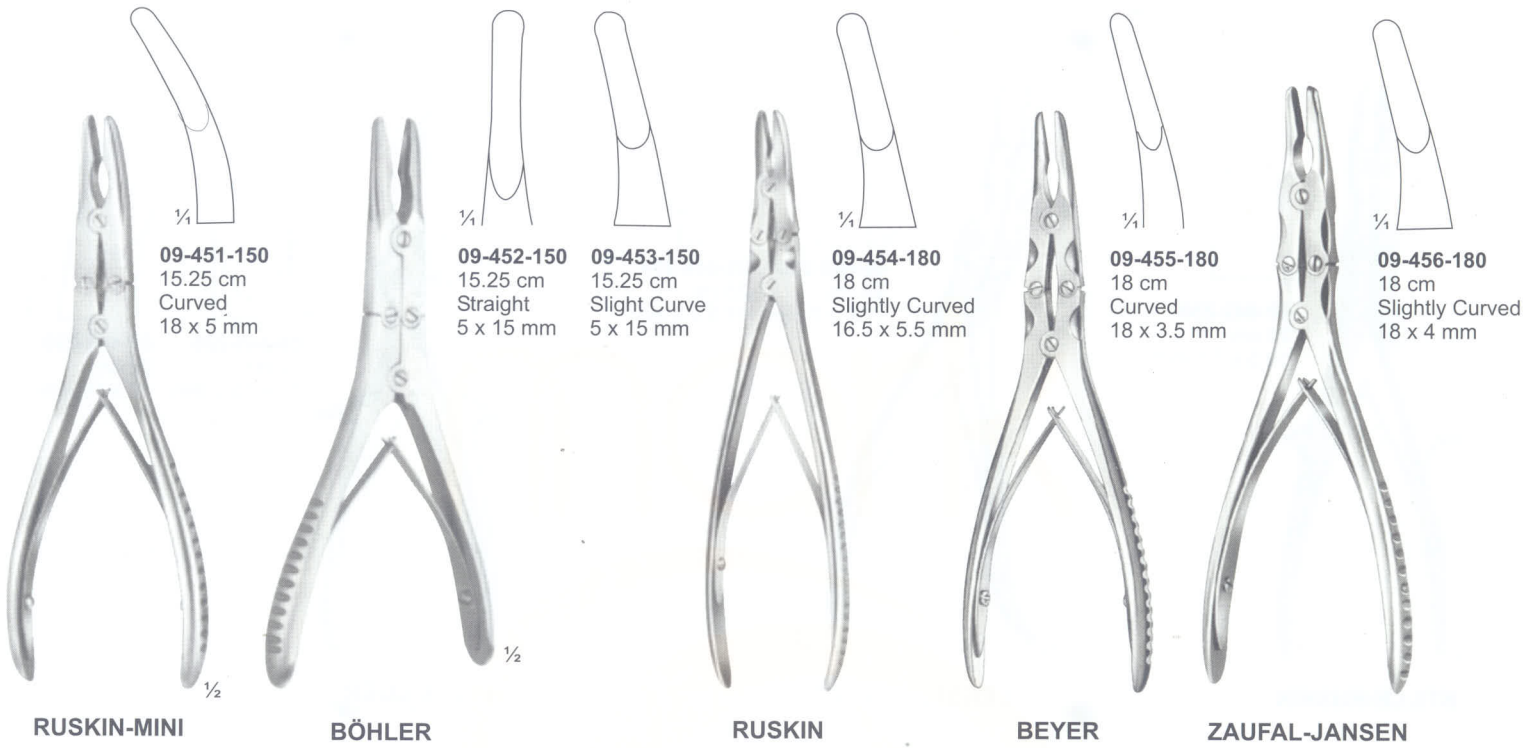
**ECHLIN / STILLE-LUER**



**BEYER**  
**09-449-180**  
18 cm, curved

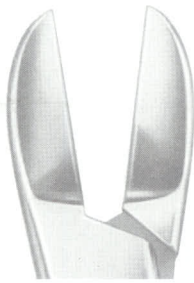


**MAYFIELD**

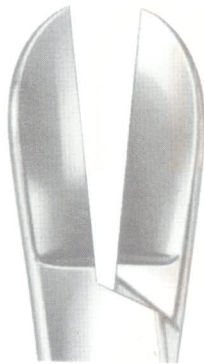




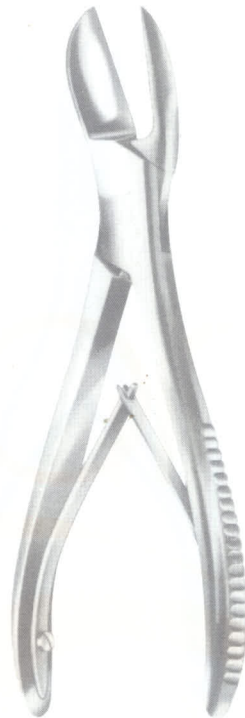
09-463-001



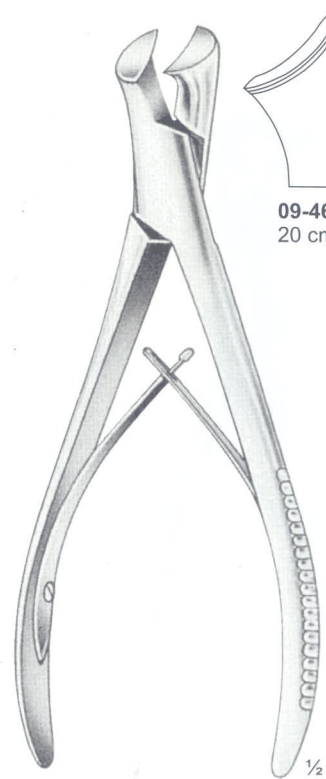
09-464-002



09-465-003



**LISTON**  
09-466-170 17 cm  
09-467-190 19 cm  
09-468-220 22 cm  
curved on flat



09-469-200  
20 cm

**MARKWALDER**



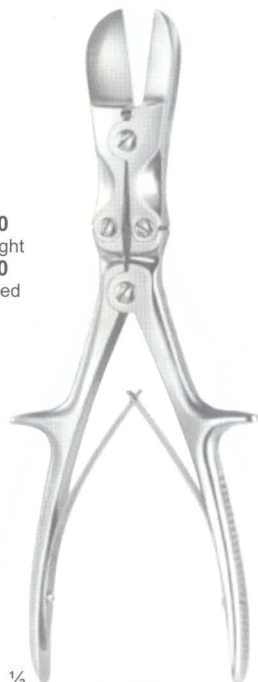
**DURAY STAMM**  
09-470-150  
15 cm



**RUSKIN-LISTON**



21 mm  
09-471-190  
19 cm, Straight  
09-472-190  
19 cm, Curved



**STILLE-LISTO**



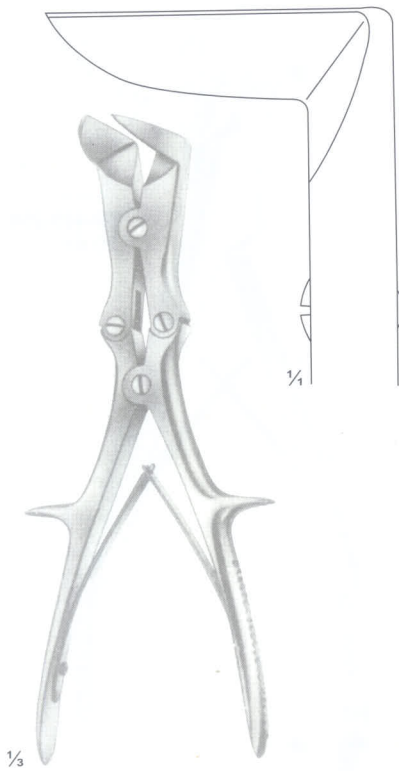
09-473-270  
27 cm  
Straight, 36 mm  
Curved



**LISTON**



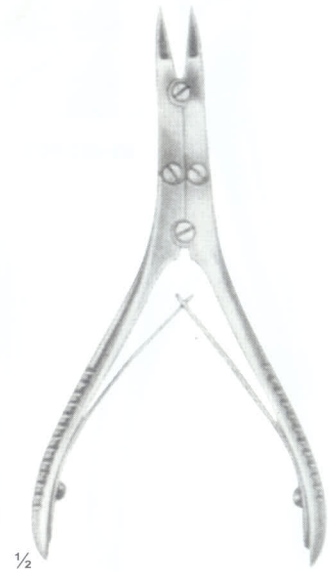
09-474-235  
23.5 cm  
Angled, 28 mm



**LISTON-STILLE**  
09-475-260  
26 cm



**Mc INDOE**  
09-476-175  
17.5 cm



**BOHLER**  
09-477-150 15 cm straight  
09-478-150 15 cm curved



**RUSKIN**  
09-479-200  
20 cm



**HORSLEY**  
09-480-250  
25 cm



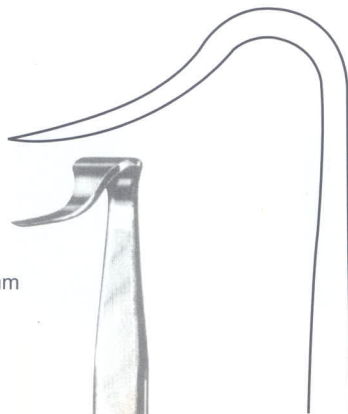
**LISTON-KEY (HORSLEY)**  
09-481-270  
27 cm  
Angled, 28 mm

38 x 9 mm



**KNEE RETRACTOR**  
09-482-210  
21 cm

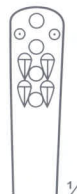
40 x 5 mm



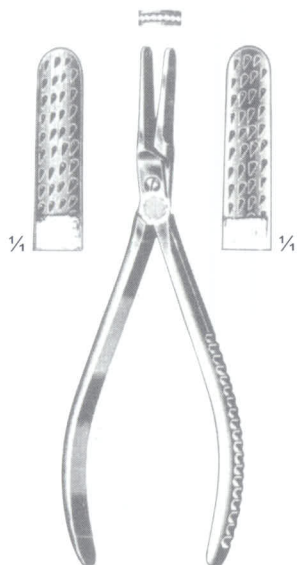
**KNEE RETRACTOR  
BLOUNT**  
09-483-175  
17.5 cm



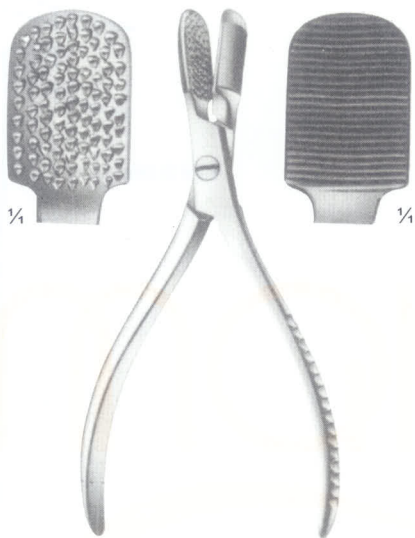
**HERZ**  
09-484-230  
23 cm



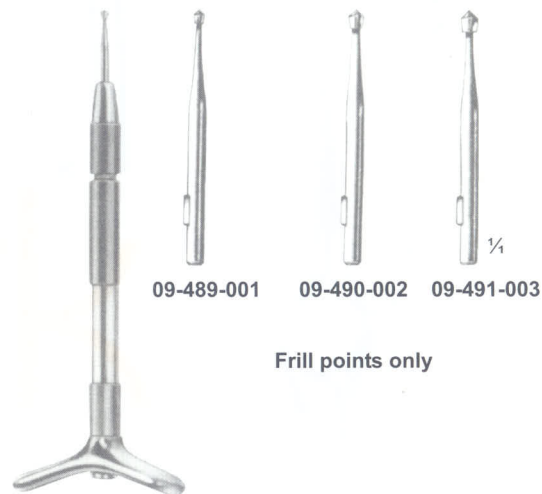
**JAGER**  
09-485-235  
23.5 cm



**NAIL EXTRACTING  
FORCEPS**  
09-486-140  
14 cm



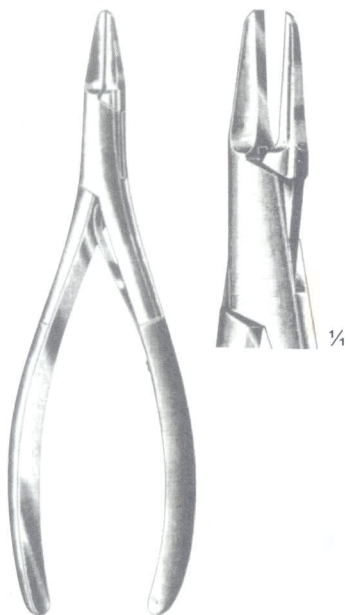
**NAIL EXTRACTING  
FORCEPS**  
09-487-145  
14.5 cm



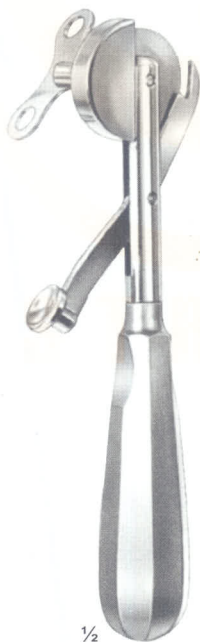
**09-488-000**  
Finger nail drill with 3  
drill points

09-489-001 09-490-002 09-491-003

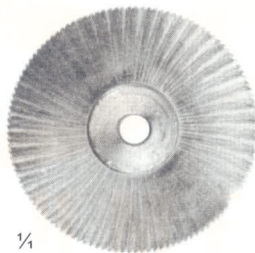
Frill points only



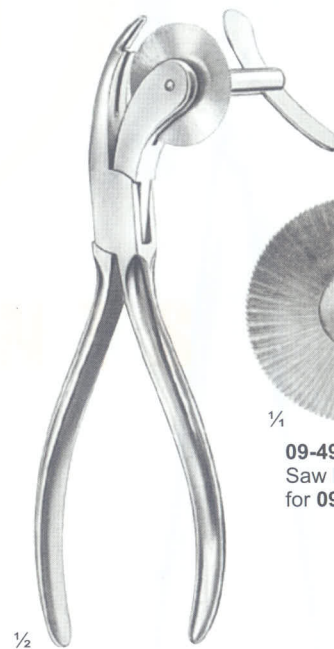
**NAIL SPLITTING  
FORCEPS**  
09-492-135  
13.5 cm



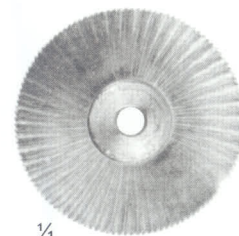
**RING CUTTER**  
09-493-170  
17 cm



**09-494-00**  
Saw Blade Only  
for 09-493-170



**RING CUTTER**  
09-495-170  
17 cm



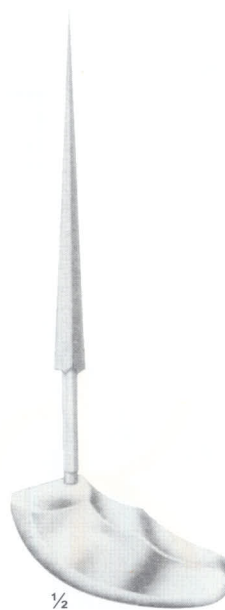
**09-496-00**  
Saw Blade Only  
for 09-495-170



1/2  
**09-497-160**  
16.0 cm



1/2  
**09-498-150**  
15.0 cm

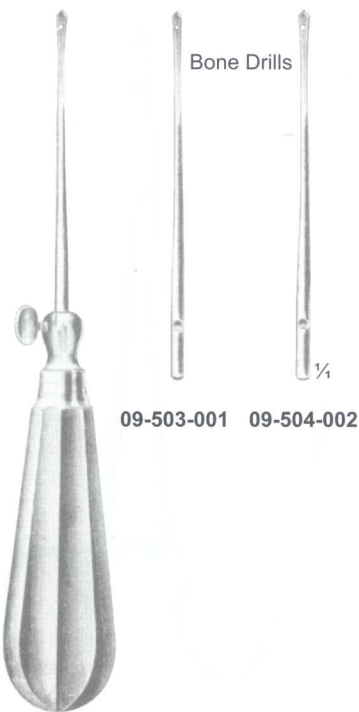


1/2  
**PERTHES**  
**09-499-160** 16 cm  
**09-500-220** 22 cm



1/3  
**KOCUER**  
**09-501-230**  
23 cm  
3 cm Dia.

Awls for wire suture



**ESMARCH**  
**09-502-200**  
with 2 drill points  
(09-321-200 + 09-322-200)  
20 cm

Bone Drills

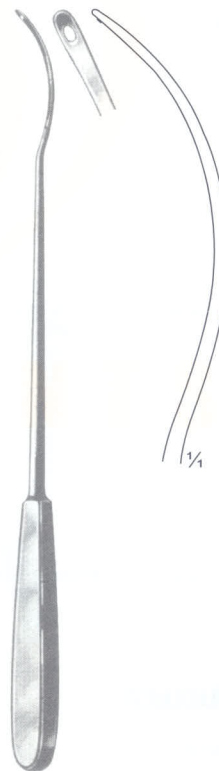
**09-503-001** **09-504-002**



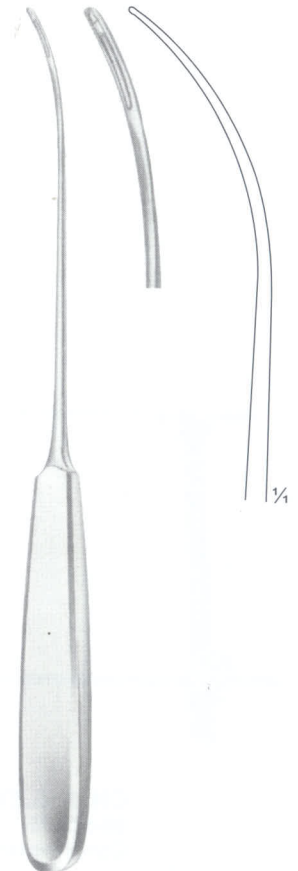
1/4  
**OBWEGESER**  
**09-505-230**  
23 cm



1/4  
**OBWEGESER**  
**09-506-195**  
19.5 cm



1/4  
**BRUNNER**  
**09-507-300**  
30 cm

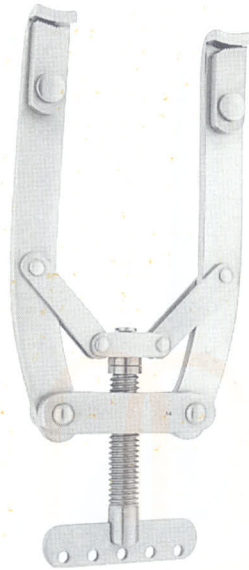


1/4  
**MALLEABLE**  
**09-508-230**  
23 cm



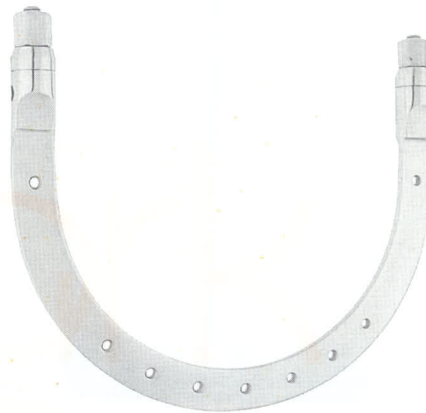
**KIRSCHNER**

09-509-00 40 x 140 mm  
09-510-00 60 x 220 mm



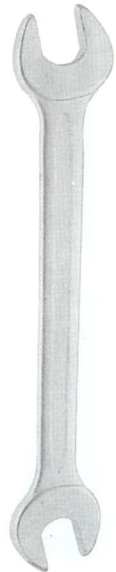
**KIRSCHNER, AMERICAN TYPE**

09-511-130 Medium 13.0 cm  
09-512-185 Large 18.5 cm  
09-513-220 Extra Large 22.0 cm  
Max. Jaw Opening



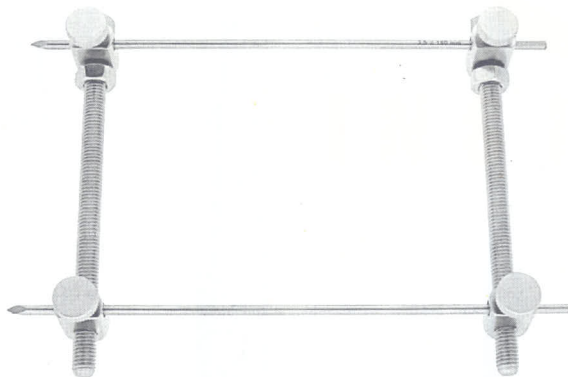
**KIRSCHNER**

09-514-00 200 mm x 155 mm  
09-515-00 155 mm x 155 mm  
09-516-00 135 mm x 130 mm  
09-517-00 120 mm x 120 mm  
09-518-00 105 mm x 100 mm  
09-519-00 95 mm x 110 mm  
09-520-00 95 mm x 70 mm



**SCREW NUT WRENCH**

09-521-00  
14 x 17 mm



**CHARNLEY-MUELLER**

09-522-00  
Compression Clamp



**WIRE TIGHTENING**

09-527-180  
18 cm

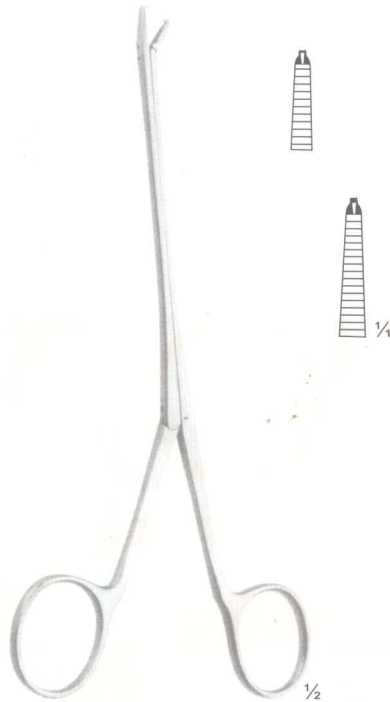
	Inside Length	Inside Width
09-523-00	90 mm	75 mm
09-524-00	160 mm	90 mm
09-525-00	210 mm	110 mm
09-526-00	210 mm	150 mm





09-528-153  
15.25 cm  
6 mm

TENDON



BRAND  
09-529-150 15 cm  
09-530-190 19 cm  
09-531-240 24 cm



BRAND  
09-532-150 15 cm  
09-533-190 19 cm  
09-534-240 24 cm



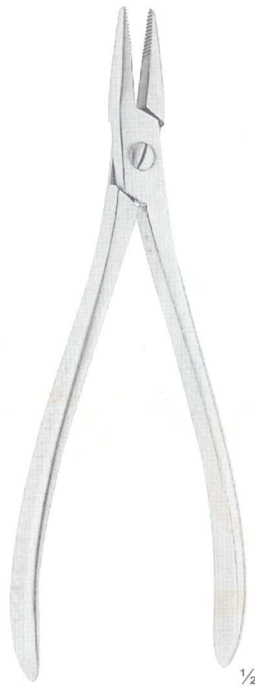
CARROLL  
09-535-130  
13 cm  
Curved Shaft  
2 mm x 6 mm



LEAD HAND  
09-536-00  
Adult Size



**WIRE HOLDING**  
09-537-200 20 cm  
09-538-250 25 cm



**WIRE HOLDING**  
09-539-180 18 cm  
with serrated jaws



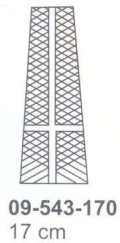
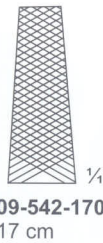
**WIRE BENDING CUTTING**  
09-540-100 10 cm



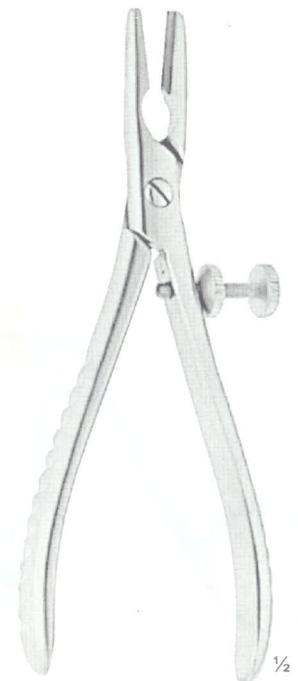
**WIRE BENDING PLIERS**  
09-541-100 10 cm



**WIRE HOLDING**



**WIRE HOLDING**



**EXTRACTION PLIERS**  
09-545-130 13 cm  
09-546-180 18 cm



1/2

**WIRE HOLDING**  
09-547-180 18 cm



1/2

**LOCKING PLIERS**



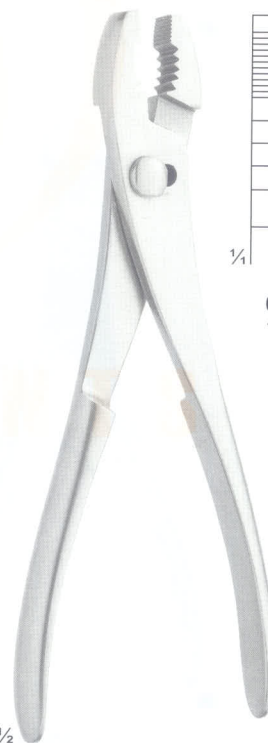
1/4

**09-548-150**  
15 cm  
With Spring  
serrated



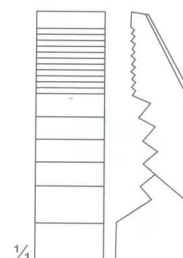
1/2

**WIRE HOLDING**  
09-549-180 18 cm



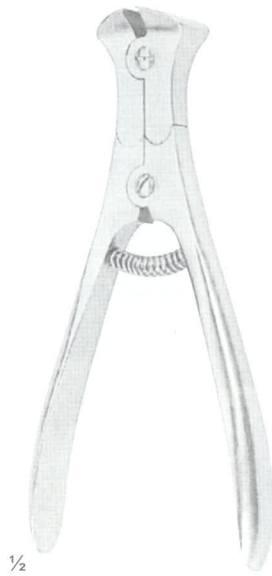
1/2

**SLIP JOINT**



1/4

**09-550-195**  
19.5 cm



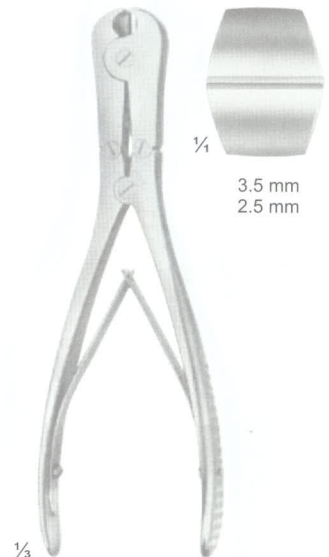
1/2

09-551-150  
15 cm



1/2

DIAMANT PIN CUTTER  
09-552-160  
16 cm

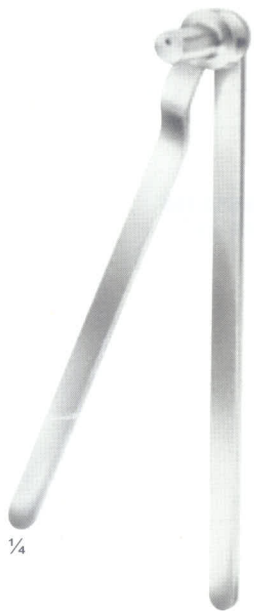


1/4

3.5 mm  
2.5 mm

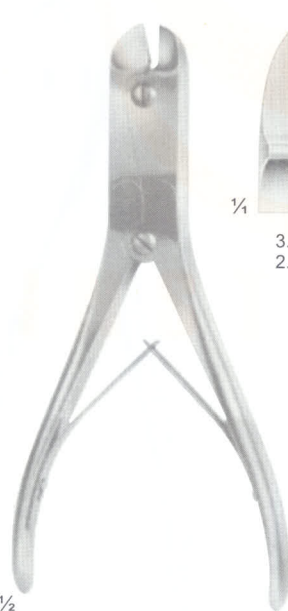
1/3

09-553-220  
22 cm



1/4

09-554-320  
32 cm  
3.0 mm, 3.0 mm



1/2

1/4

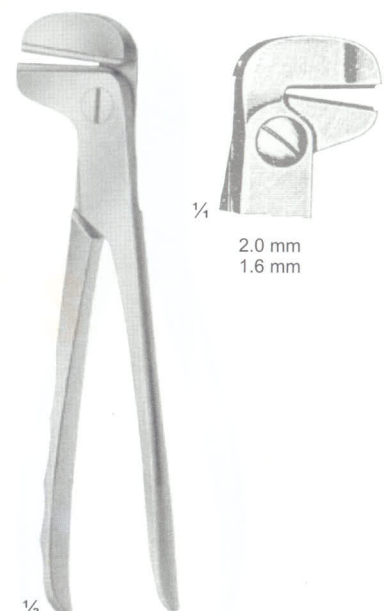
3.0 mm  
2.2 mm

09-555-235  
23.5 cm



1/2

09-556-140  
14 cm  
1.2 mm



1/4

2.0 mm  
1.6 mm

1/3

09-557-240  
24 cm



**GIGLI SAW**

- 09-558-030 30 mm
- 09-559-040 40 mm
- 09-560-050 50 mm
- 09-561-070 70 mm
- stainless



**GIGLI HANDLE**

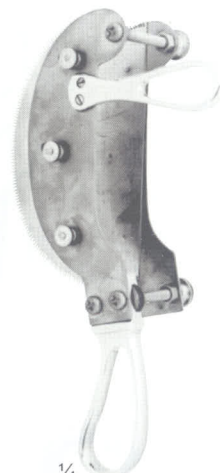
09-562-00



1/2

**ENGEL  
PLASTER SAW**

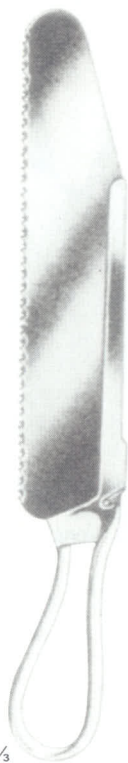
09-563-155  
15.5 cm



1/4

**CHARRIERE**

09-564-250 25 cm  
09-565-270 27 cm  
Double saw



1/3

**CHARRIERE**

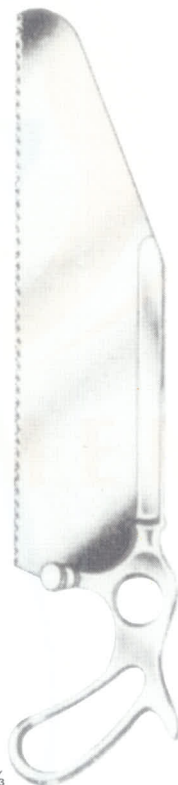
09-566-270 27 cm  
09-567-300 30 cm



1/4

**CHARRIERE**

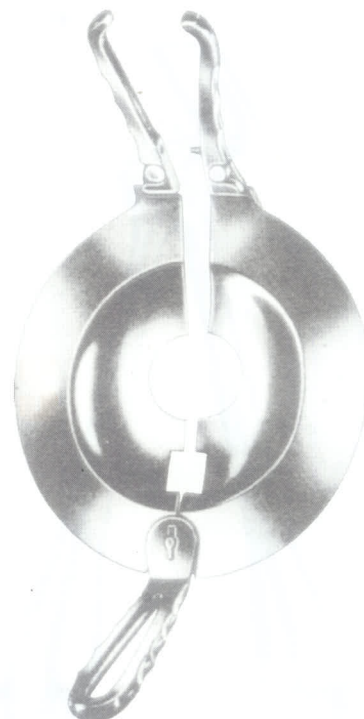
09-568-350  
35cm



1/3

**SATTERLEE**

09-569-310  
31cm



**PERCY RETRACTOR**

09-570-00

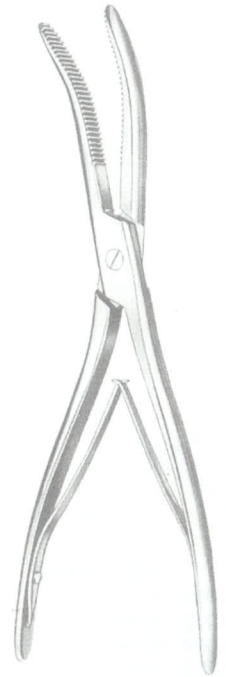
# PLASTER SHEARS / SPREADER



**PLASTER-BRUNS**  
09-571-240  
24 cm  
Saw Edge



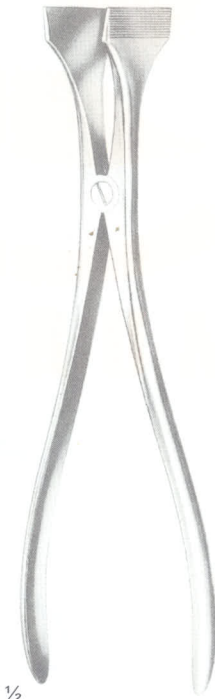
**SEUTIN**  
09-572-230  
23.0 cm



**BOHLER**  
09-573-180 18 cm  
09-574-240 24 cm



$\frac{1}{2}$   
**STILLE**  
09-575-200 20 cm  
09-576-230 23 cm  
09-577-260 26 cm  
09-578-370 37 cm



$\frac{1}{2}$   
**HENNIG**  
09-579-280  
28 cm



**MODEL USA**

$\frac{1}{4}$   
09-580-230  
23 cm  
3 Prong



**KEY**  
With Fiber  
**09-581-180**  
Handle 18 cm



**SCREW DRIVER**  
**09-582-00**  
slotted head



**SCREW DRIVER**  
**09-583-00**  
philips head



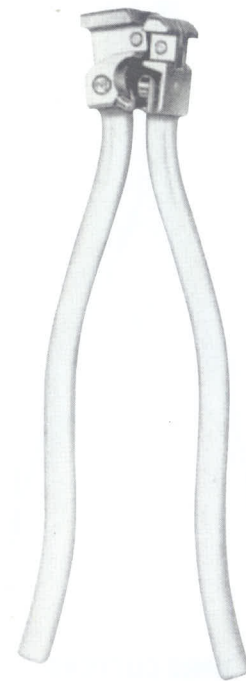
**SCREW DRIVER**  
**09-584-00**  
single head



**BONE SCREW  
HOLDING FORCEPS**  
**09-585-00**  
Bone Screw



**BONE PLATE  
HOLDING FORCEPS**  
**09-586-00**  
Bone Plate

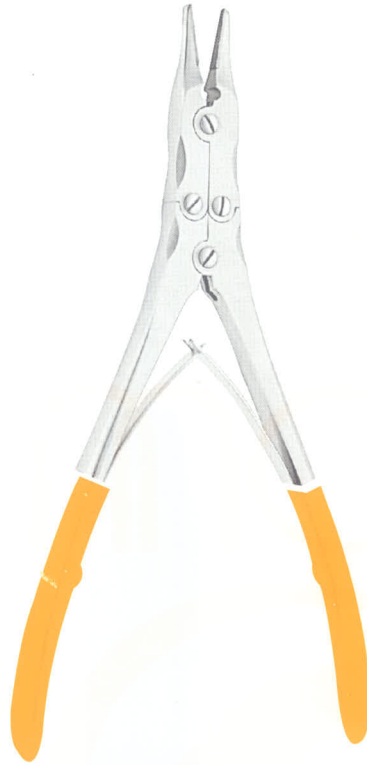


**BENDING PLIERS**  
**09-587-00**  
2.7 mm & 3.5 mm  
Plates

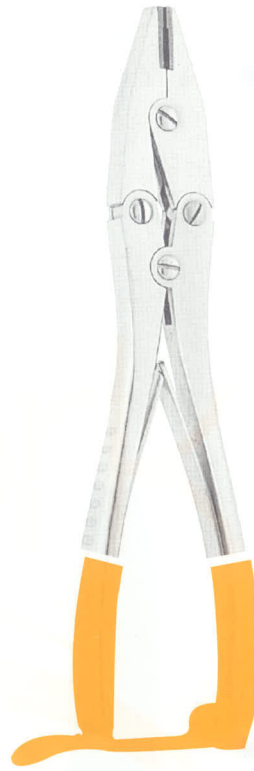
# T.C. FLAT NOSE PLIERS & WIRE CUTTING PLIERS



**EXTRACTION PLIERS**  
09-588-180 18 cm  
09-589-180 18 cm



**EXTRACTION PLIERS**  
09-590-200 20 cm



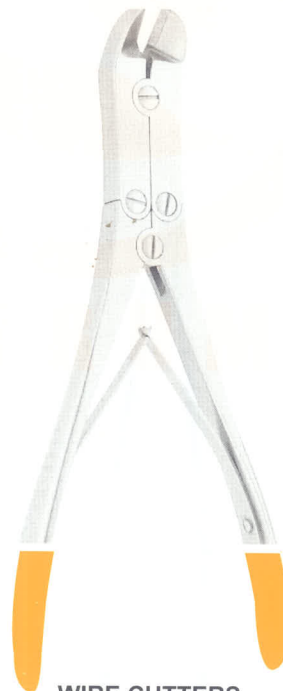
**EXTRACTION PLIERS**  
09-591-200 20 cm



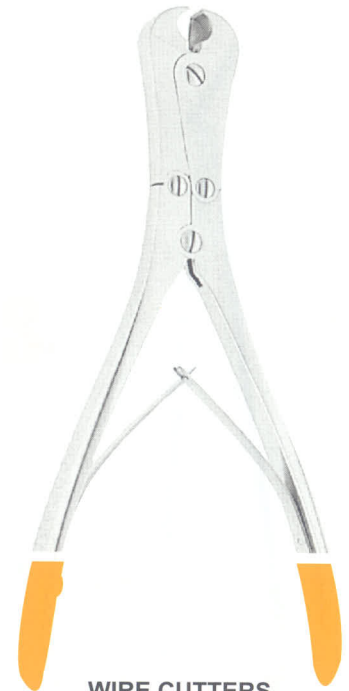
**EXTRACTION PLIERS**



**WIRE CUTTERS**  
09-594-180 18 cm



**WIRE CUTTERS**  
09-595-180 18 cm  
09-596-210 21 cm



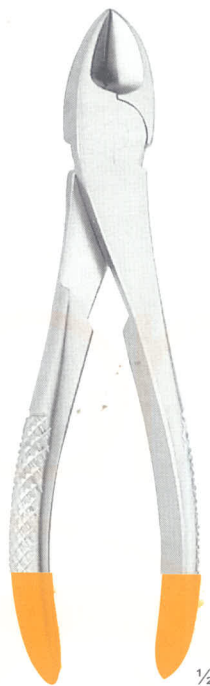
**WIRE CUTTERS**  
09-597-180 18 cm



# T.C. WIRE CUTTING PLIERS



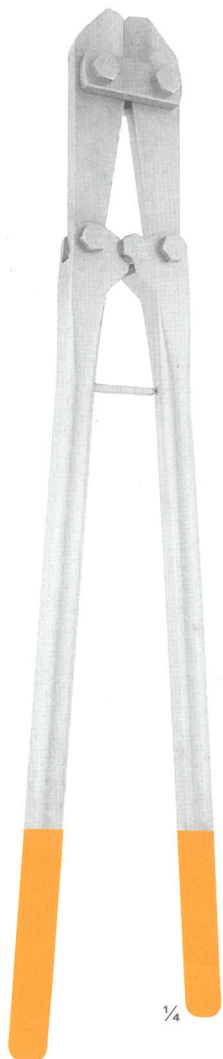
**UNIVERSAL SCISSORS**  
09-598-100 10 cm  
09-599-120 12 cm



**WIRE CUTTER**  
09-600-180 18 cm



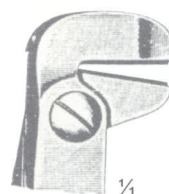
**WIRE CUTTERS**  
09-601-180 18 cm



**WIRE CUTTERS**  
09-602-460 46 cm  
09-603-560 56 cm



**WIRE CUTTERS**  
09-604-180 18 cm  
09-605-220 22 cm



2.0 mm  
1.6 mm



**09-606-240**  
24 cm