

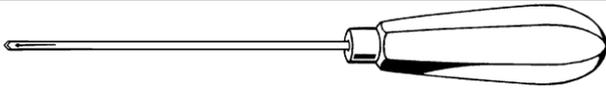


*Common  
Orthopaedic  
Surgical  
Instruments*

Prepared  
by

*Dr. Hitham Abd El-  
Monem*

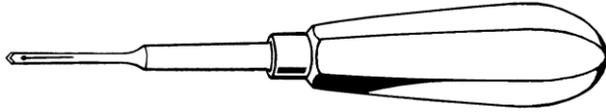
**Bone Awls** مخرز - مثقاب عظام



Plain Bone Awl, straight with eye



Charnley Bone Awl



Shouldered Bone Awl, straight with eye

**Bone Curettes** مجرفة - مكشطة عظام



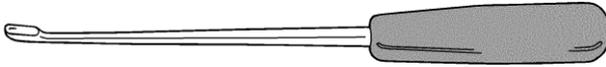
Charnley Ring Curette, with T handle, double sided, serrated cutting edges



Charnley Bone Curette, with T handle



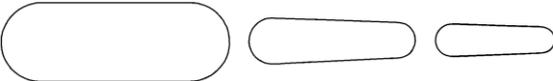
Charnley Bone Curette, without T handle



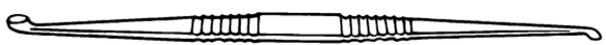
Harris Bone Curette, tufnol handle



Miller Acetabular Bone Curette, tufnol handle, cranked shaft, triangular bowl



Tufnol Handled Bone Curette, large

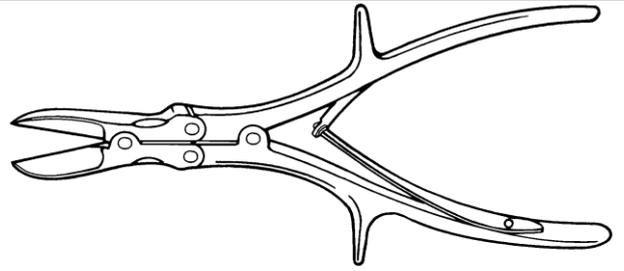


Volkman Bone Curette, double ended

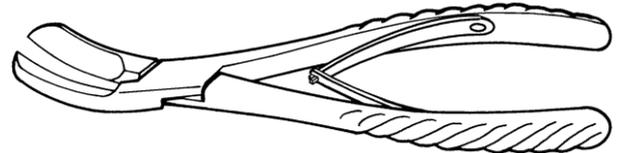


Volkman Bone Curette, single ended

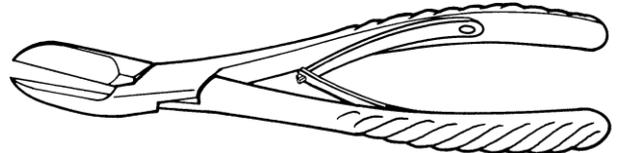
**Bone Cutting Forceps** مَلْقَطُ قَطْعِ الْعِظْمِ



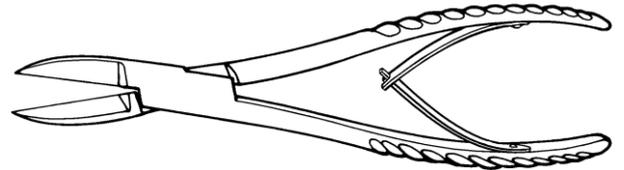
Horsley Bone Cutting Forceps, compound action, curved



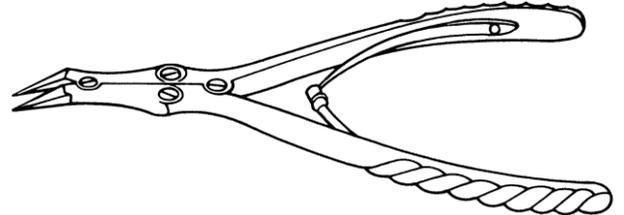
Liston Bone Cutting Forceps, curved



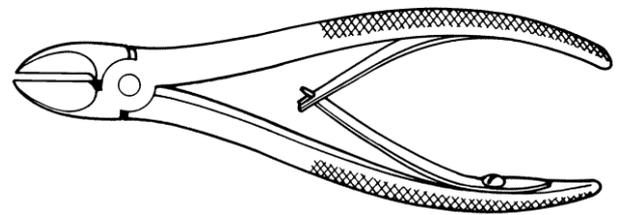
Liston Bone Cutting Forceps, angled



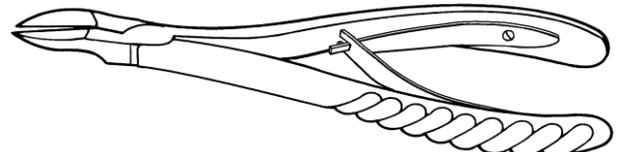
Liston Bone Cutting Forceps, straight



McIndoe Bone Cutting Forceps, compound action

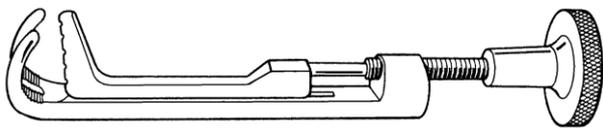


Paton Bone Cutting Forceps



Stamm Bone Cutting Forceps

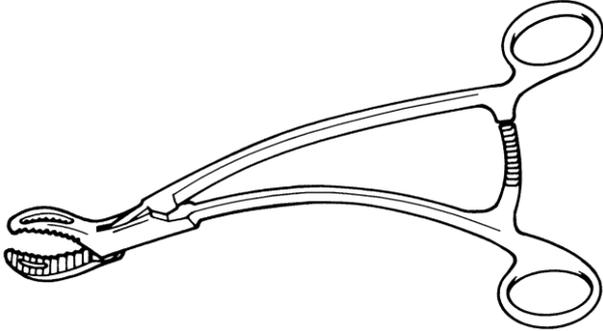
**Bone Holding Clamps** كلابة مسك العظام



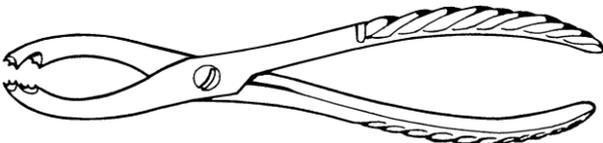
Lowman Bone Holding Clamp

**Bone Holding Forceps** مَلْقَطُ مَسْكِ الْعِظَامِ

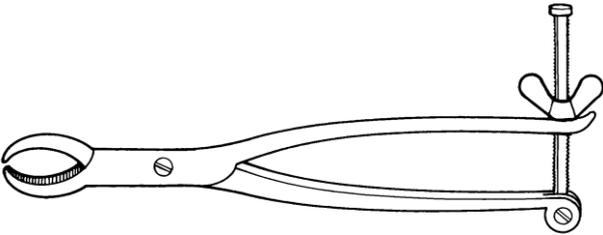
العظام



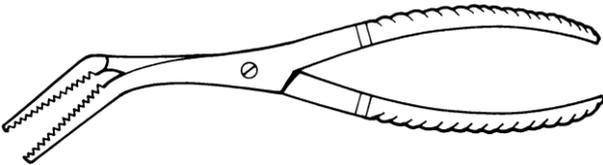
Burns Bone Holding Forceps



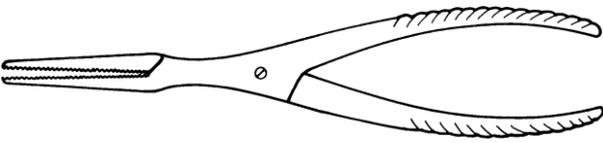
Fergusson Bone Holding Forceps, screw joint



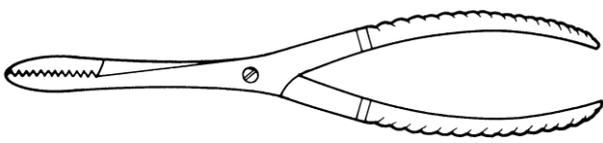
Hey Groves Bone Holding Forceps



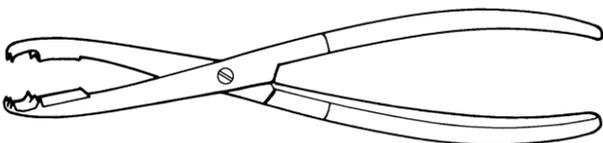
Necrosis (Sequestrum) Bone Holding Forcep



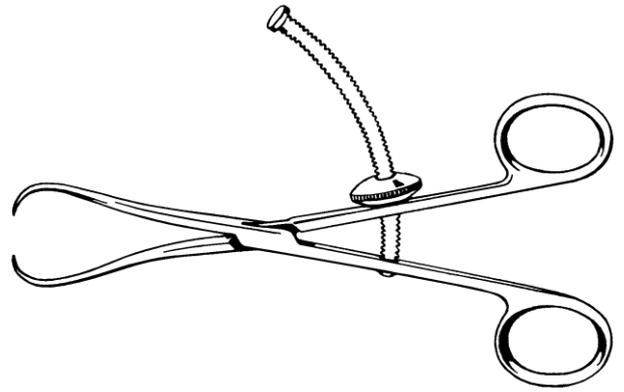
Necrosis (Sequestrum) Bone Holding Forceps, long fine jaws, screw joint



Necrosis (Sequestrum) Bone Holding Forceps, straight, screw joint

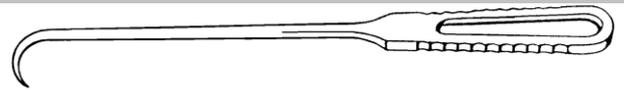


St.Thomas Bone Holding Forceps, screw joint



Tulloch Brown Bone Holding Forceps

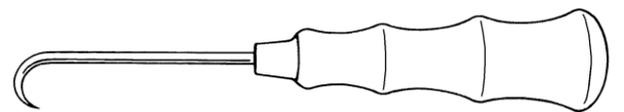
**Bone Hooks** خَطَافِ الْعِظَامِ



Kocher Bone Hook, sharp

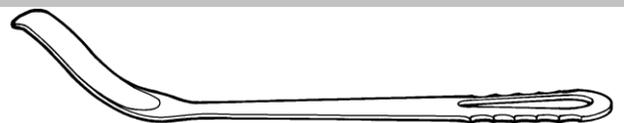


Langenbeck Bone Hook, blunt

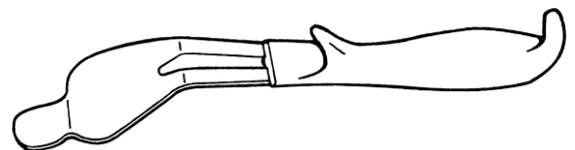


Harrison Bone Hook, sharp, aluminium handle

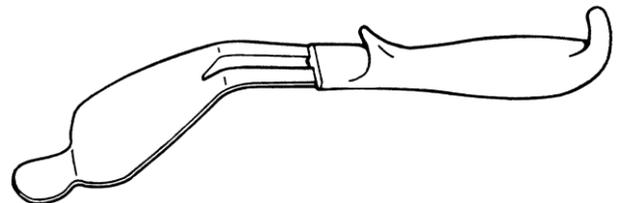
**Bone Levers** رَافِعِ الْعِظَامِ



Bankhart Bone Levers



Bennett 'Cobra' Bone Lever, small at widest point



Bennett 'Cobra' Bone Lever, large at widest point



Lane Bone Lever, heavy, solid handle



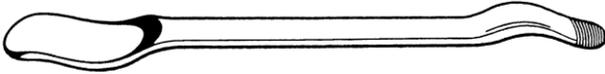
Lane Bone Lever, ring handle



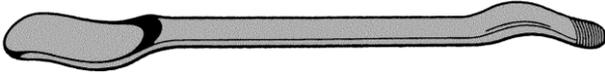
Lane Bone Lever, serrated end



Lane Bone Lever, Retractor and Guard, combined



Murphy Skid

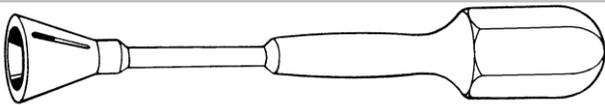


Murphy Skid, insulated

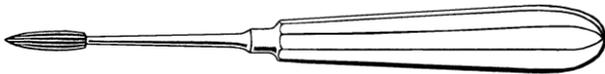


Trethowan Bone Lever, ring handle

**Burs** بِرَامَةٌ مَثْقَبٌ

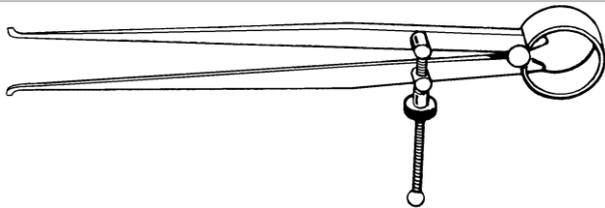


Marin Reamer and Bur

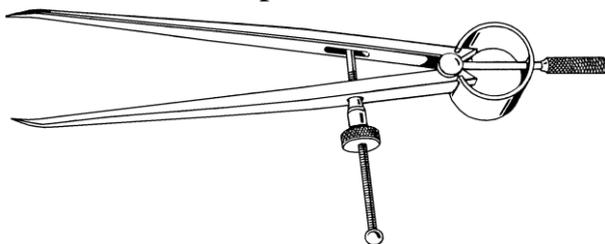


Paton Bur

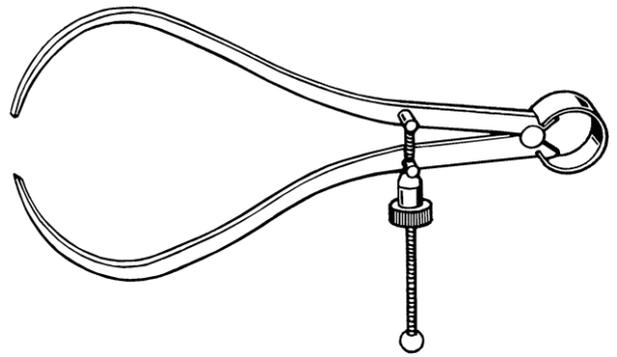
**Calipers** مِسْمَاكٌ - مِقْيَاسُ السَّمَكِ



Albee Bone Caliper, inside measuring, nickel plated

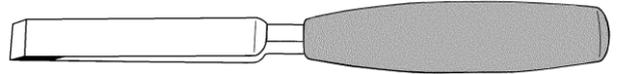


Albee Bone Caliper, dividers, nickel plated

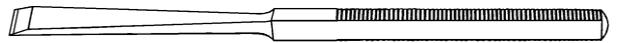


A bee Bone Caliper, outside measuring, nickel plated

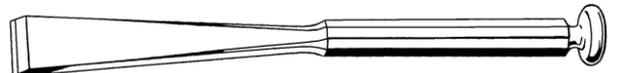
**Chisels** اِزْمِيلٌ



Capener Chisel, tufnol handle, length



French Chisel, with hard edge

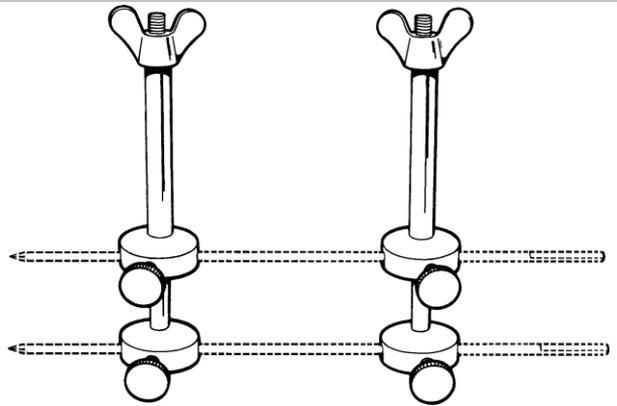


Swedish Chisel, length 200mm, 10mm



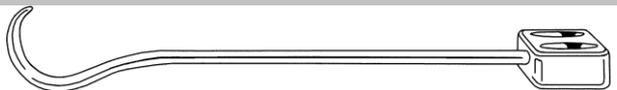
Swedish Chisel, length 300mm, 2mm

**Compression Clamps** مَلْقَطٌ ضَمِطٌ



Charnley Compression Clamp, to take pins, pair

**Dislocating Hooks** خَطَافٌ خَلَعٌ

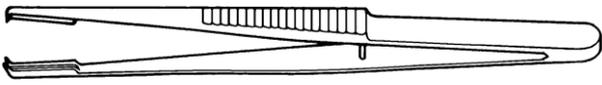


Wroblenski Dislocating Hook, to hook around the neck of the femur

**Dissecting Forceps** مَلْقَطٌ التَّشْرِيحِ

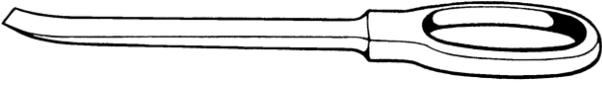


Jackson Burrows Dissecting Forceps, serrated, 1/2 teeth



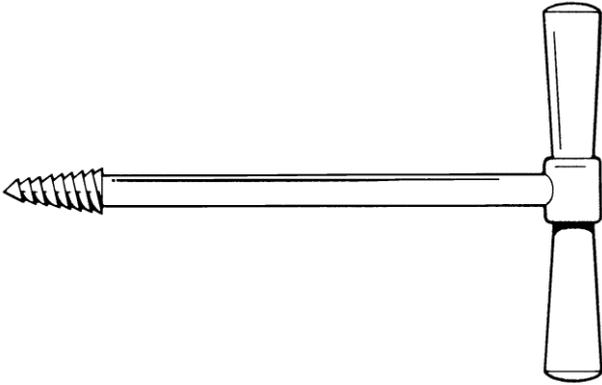
Jackson Burrows Dissecting Forceps, with tongue and groove in jaw

**Periosteal Elevators** رافع سمحاء



Bristow Periosteal Elevator, sharp

**Extractors** مستخرج



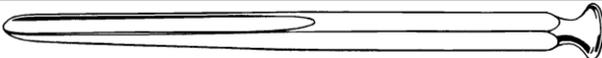
Moore Femoral Head Extractor, with T handle

**Files** مبرد

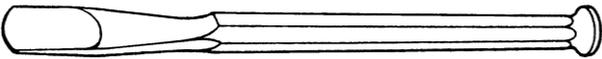


Tubby File

**Gouges** المظفر - إزميل مقعر



Alexander Mastoid Gouge, with hard edge



Charnley Gouge



Smith-Petersen Gouge, concave, toughened cutting edge

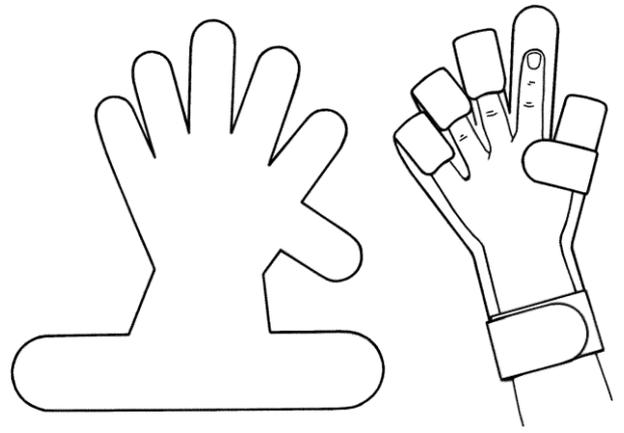


Smith-Petersen Gouge, straight, toughened cutting edge



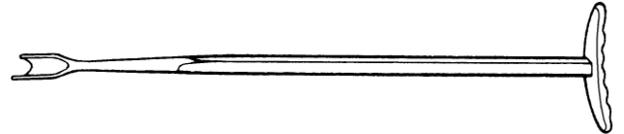
Swedish Gouge, straight

**Hand Splints** جبيرة تثبيت اليد

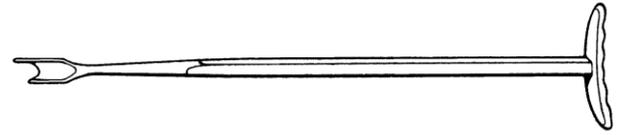


Lead Hand Splint, small, with fold over tags for fingers

**Knives** سكين



Smillie Menisectomy Knife, curved to left

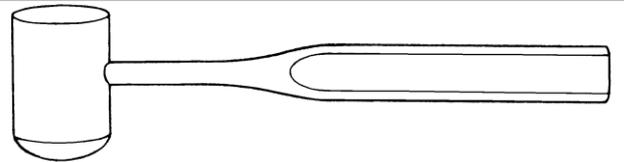


Smillie Menisectomy Knife, curved to right

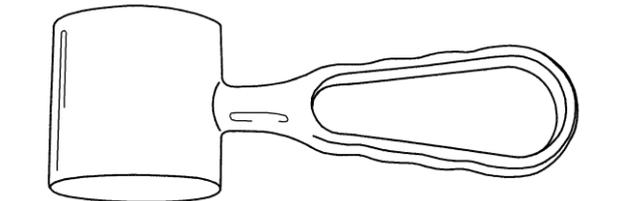


Smillie Menisectomy Knife, straight

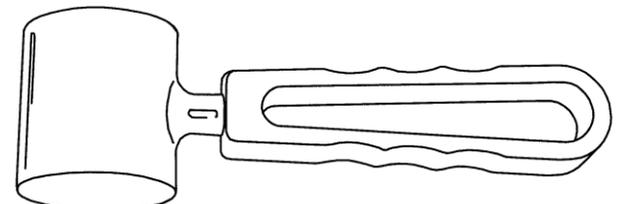
**Mallets** مطرقة



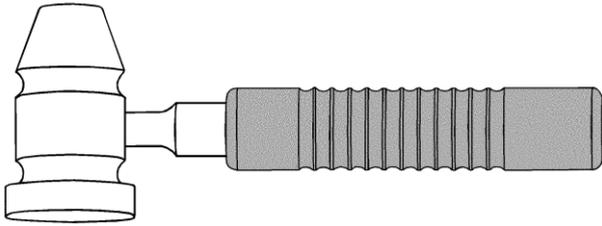
Cottle Mallet, s/s, 170g (6oz)



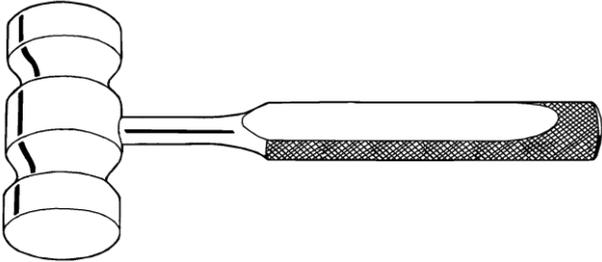
Heath Mallet, copper head, s/p, 510g (18oz)



Heath Mallet, s/s head, 510g (18oz)



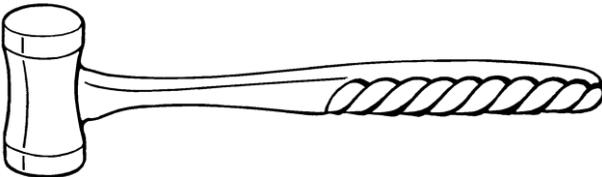
Jamieson Mallet, s/s head and shaft, tufnol handle, 400g (14oz)



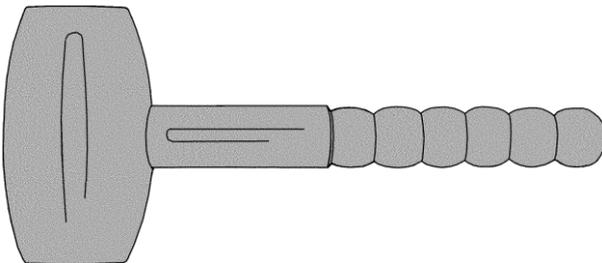
London Splint Mallet, s/s, 450g (16oz)



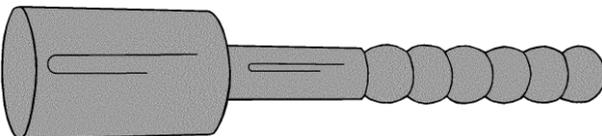
Serrated One End Mallet, s/s, s/s handle, 225g (8oz)



Todd Mallet, s/s, 500g (18oz)



Tufnol Mallet, barrel shaped, 500g (18oz)



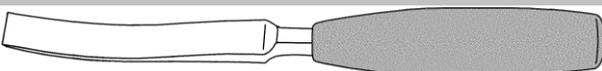
Tufnol Mallet, stonemason pattern, 500g (18oz)

**Nail Extractor** مستخرج مسمار

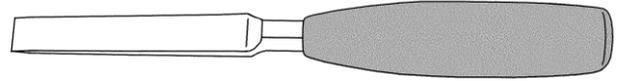


Kuntscher Nail Extractor, 1.5mm hook to fit femur nails

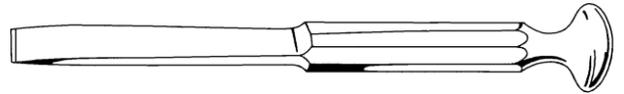
**Osteotomes** مبضع العظم



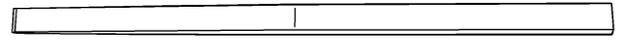
Capener Osteotome, curved, tufnol handle



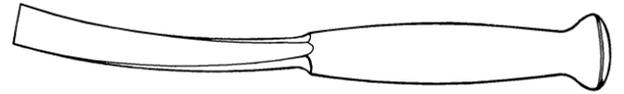
Capener Osteotome, straight, tufnol handle



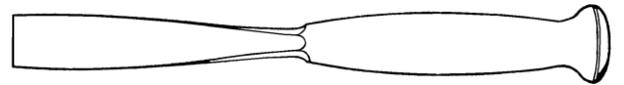
MacEwen Osteotome, toughened cutting edge



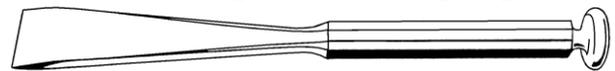
Lambotte Mini Osteotome, straight



Smith-Petersen Osteotome, curved, toughened cutting edge

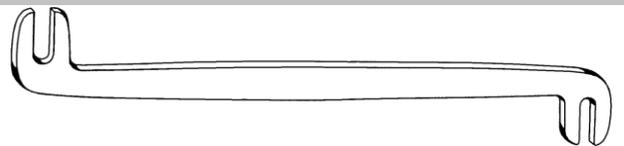


Smith-Petersen Osteotome, straight, toughened cutting edge

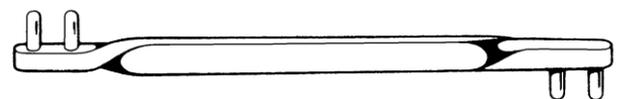


Swedish Osteotome, straight

**Plate Benders** ثناية شريحة

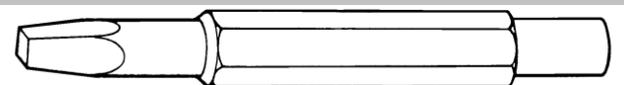


Lane Plate Bender, slotted, set of 2



Lane Plate Bender, with pins, set of 2

**Punches** نخاسة



Fleming Bone Graft Punch



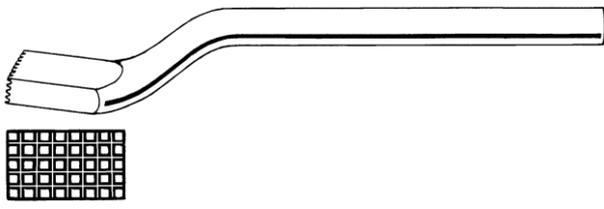
McGoey Punch, double ended, No.1 x



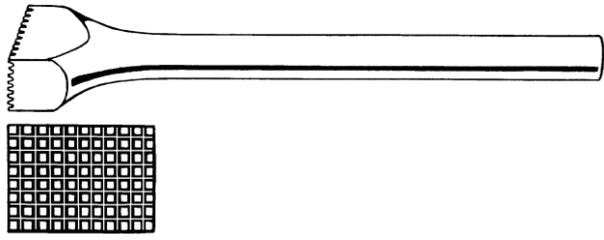
McGoey Punch, double ended, No.2 x



McGoey Punch, double ended, No.3 x with flats



Smillie Punch, angled



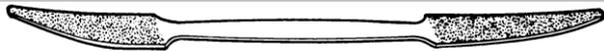
Smillie Punch, straight

**Raspatory** مساحل



St. Thomas Hospital Raspatory, pointed end

**Rasps** مبرد

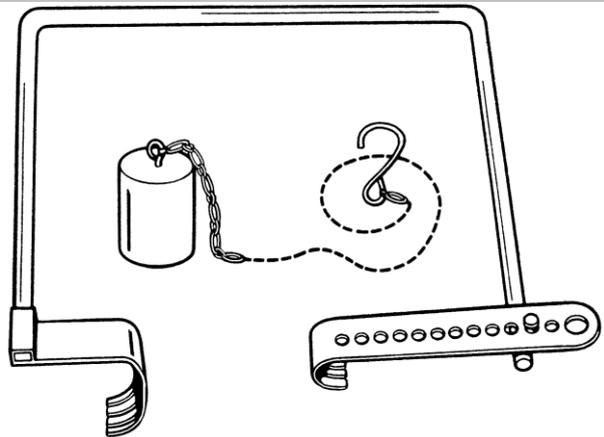


Putti Rasp, flat both ends

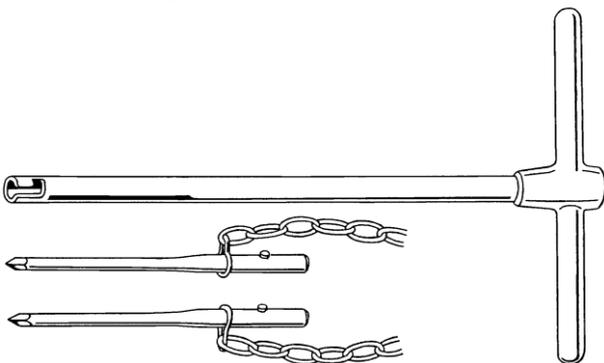


Putti Rasp, rounded one end

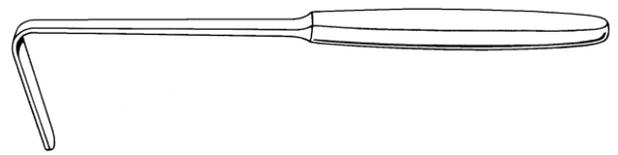
**Retractors** مباعد



Charnley Initial Incision Retractor



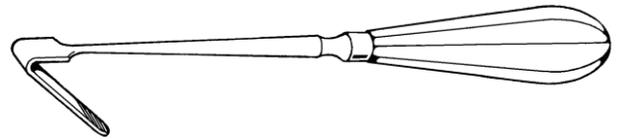
Charnley Pin Retractor, T handle only



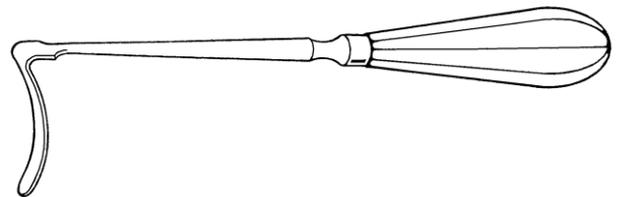
Charnley Knee Retractor x blade



Hohmann-Muller Spike Retractor



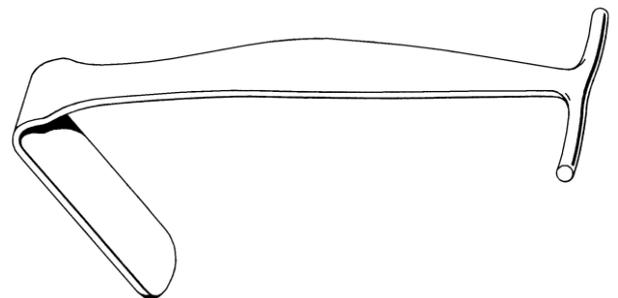
Jackson Burrows Retractor, broad angled



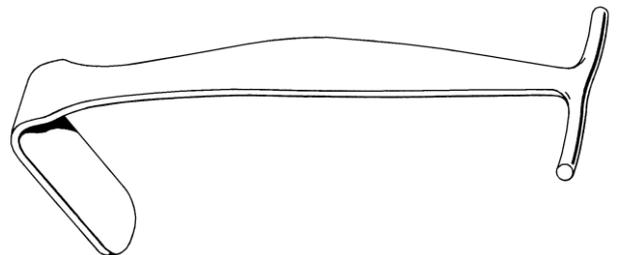
Jackson Burrows Retractor, narrow, curved



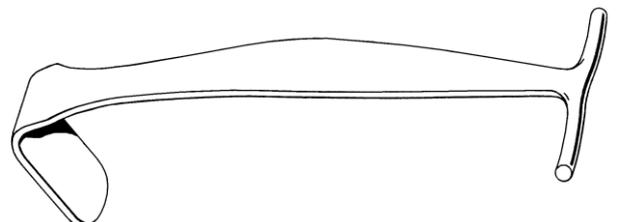
Rowe Boat Hook Retractor



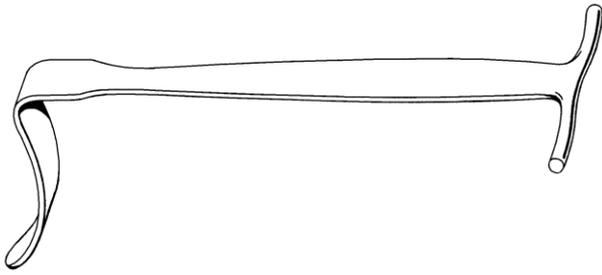
Smillie Knee Joint Retractor, blade 'A' only, straight blade x



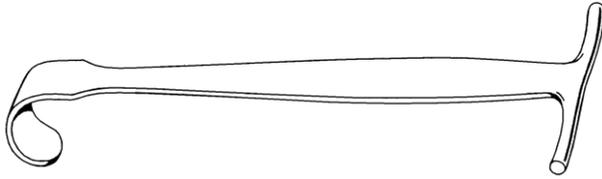
Smillie Knee Joint Retractor, blade 'B' only, straight blade x



Smillie Knee Joint Retractor, blade 'C' only, straight blade x

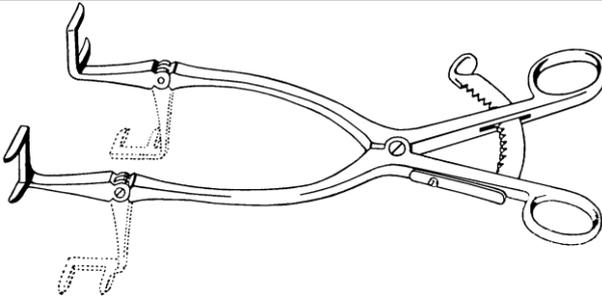


Smillie Knee Joint Retractor, blade 'D' only,  
reverse curved blade x

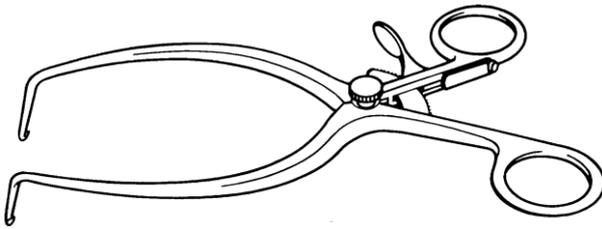


Smillie Knee Joint Retractor, blade 'E' only,  
curved blade x

**Retractors - Self Retaining** مبادئ  
ماسك نفسه

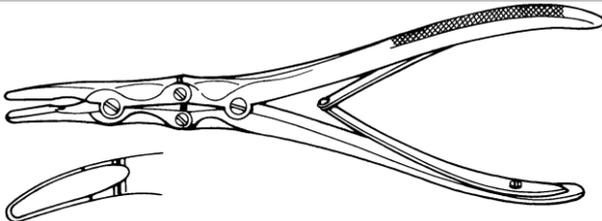


Charnley Horizontal Self Retaining Retractor,  
hinged horizontal arms long

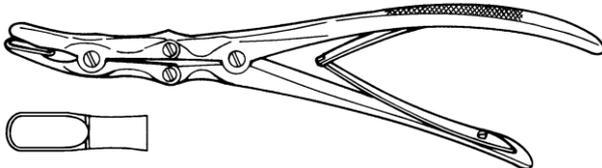


Jackson Burrows Self Retaining Retractor

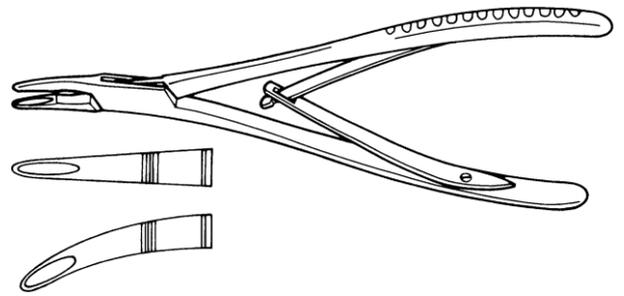
**Rongeurs** قراضة



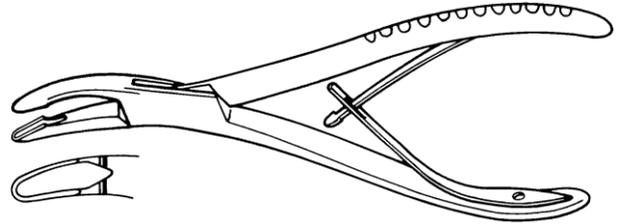
Jansen Rongeur, curved, compound action



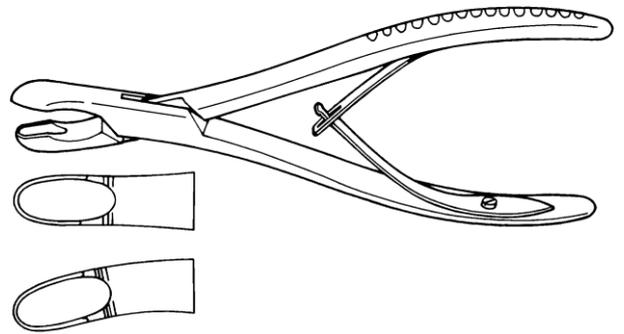
Leksell Rongeur, compound action jaw



Lempert Rongeur, curved

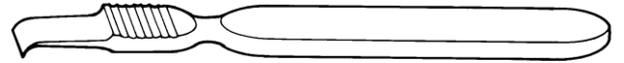


Luer Rongeur, curved, small

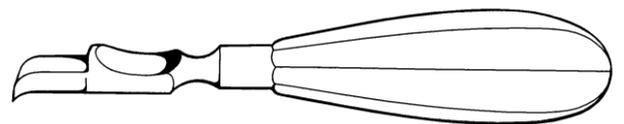


Luer Rongeur, curved, large

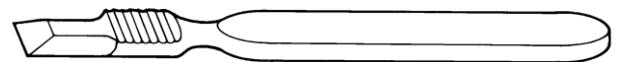
**Rugines** (رافع سمحاء) مقوار



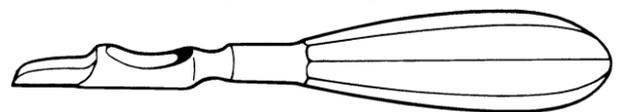
Farabeuf Rugine, curved, flat handle



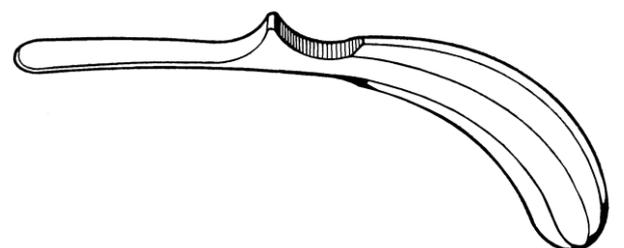
Farabeuf Rugine, curved, hollow handle



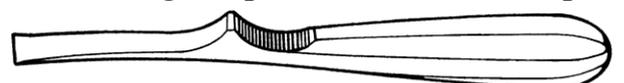
Farabeuf Rugine, straight, flat handle



Farabeuf Rugine, straight, hollow handle



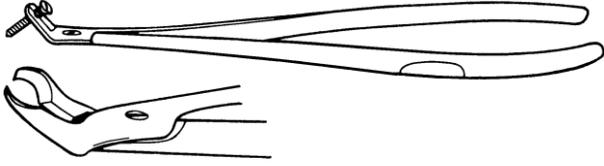
Jones Rugine, pistol handle, fan shape



Mitchell Rugine, hollow handle, fan shaped,  
straight sharp edge

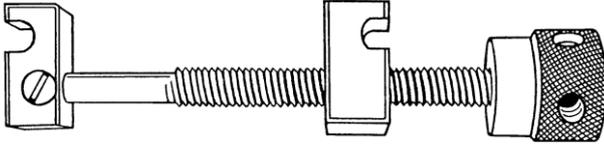
**Screw Holding Forceps** ملقط ماسك

المسامير



Lane Screw Holding Forceps, screw joint

**Screw Jacks** مرفاع لولبي

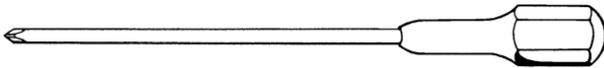


Charnley Screw Jack, for horizontal retractor

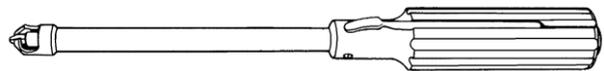
**Screwdrivers** مفك مسامير



Lane Screwdriver, for single slot screws,  
hollow handle wide

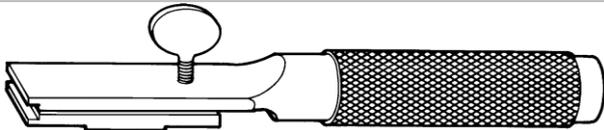


Lane Screwdriver, for Phillips screws, hollow  
handle



Williams Self Retaining Screwdriver, for  
single slot screws

**Staple Instruments** الات الدبابيس



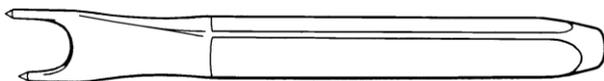
Blount Staple Driver, for large, small and  
wide staples



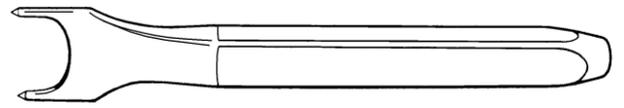
Blount Staple Remover



Blount Staple Set

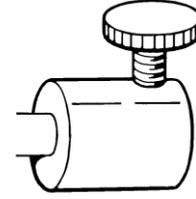


Blount Staple Starter , for staples

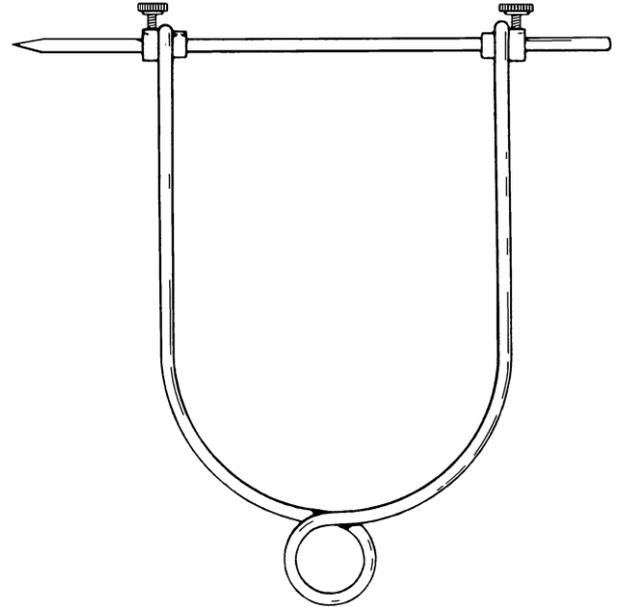


Blount Staple Starter , for staples

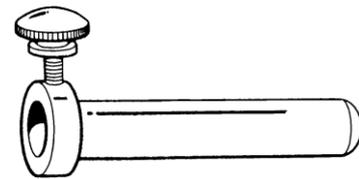
**Stirrups** الركاب



Bohler Stirrup, pin mount, for and pins

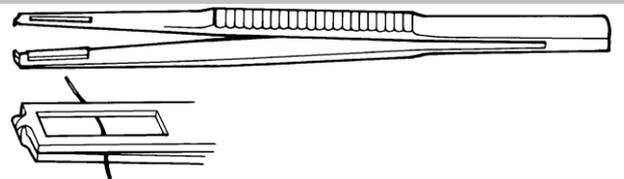


Bohler Stirrup, rotating with swivel fixation  
pieces, small



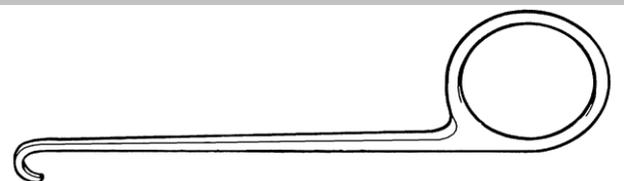
Steinmann Pin Cap, to shield ends of and pins

**Suture Forceps** ملقط خيط



Charnley Suture Forceps, slotted, 1/2 teeth

**Tendon Hooks** خطاف أوتار

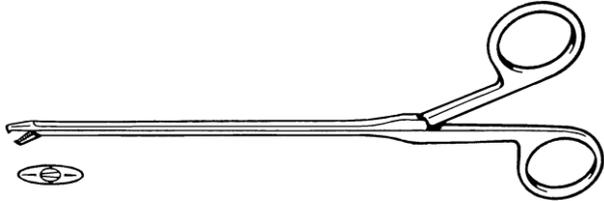


Harlow Wood Tendon Hook, with bow handle

**Tendon Instruments** الات الوتار



Anderson Tunnelling Forceps, curved



Anderson Tunnelling Forceps, straight



Brand Plantaris Stripper



Furlong Tendon Stripper bore



Moseley Fasciatome, s/s



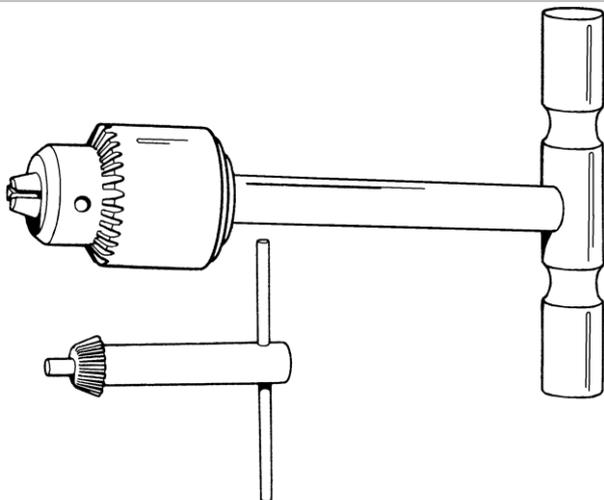
Mustarde Fascia Splitter

**Twist Drills** مَثْقَب

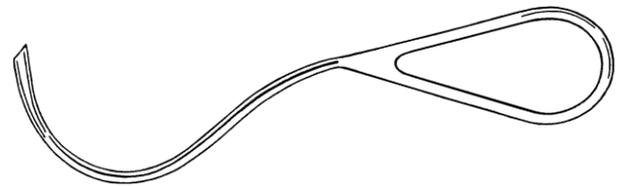


Morse Twist Drill, 75mm long, 1.9mm diameter

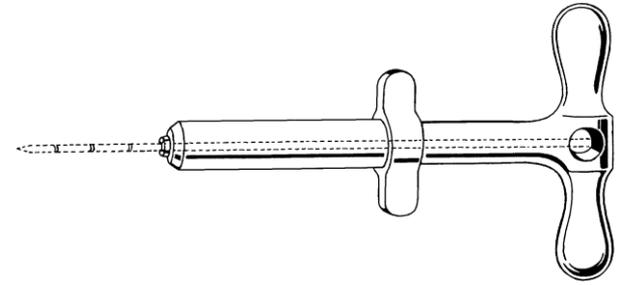
**Wire Instruments** الات الاسلاك



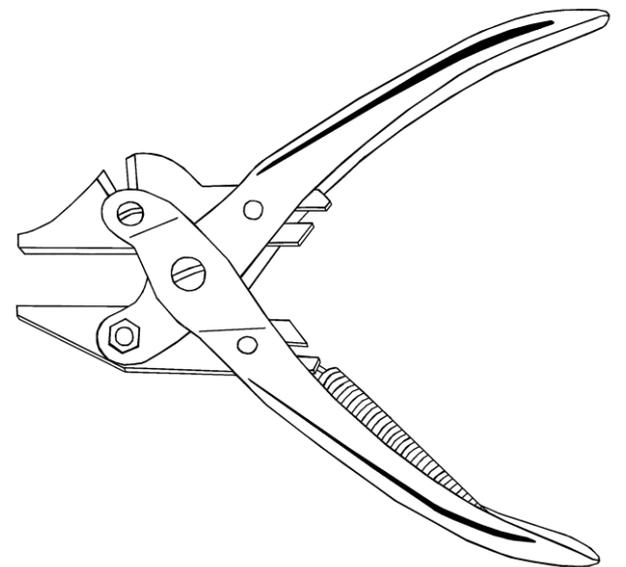
Bone Pin Chuck, on T handle, c/w chuck key



Charnley Wire Passer



Watson Jones Introducer, for 2.5mm diameter guide wires, 140mm



Kirschner Wire Cutter / Plier, c/p