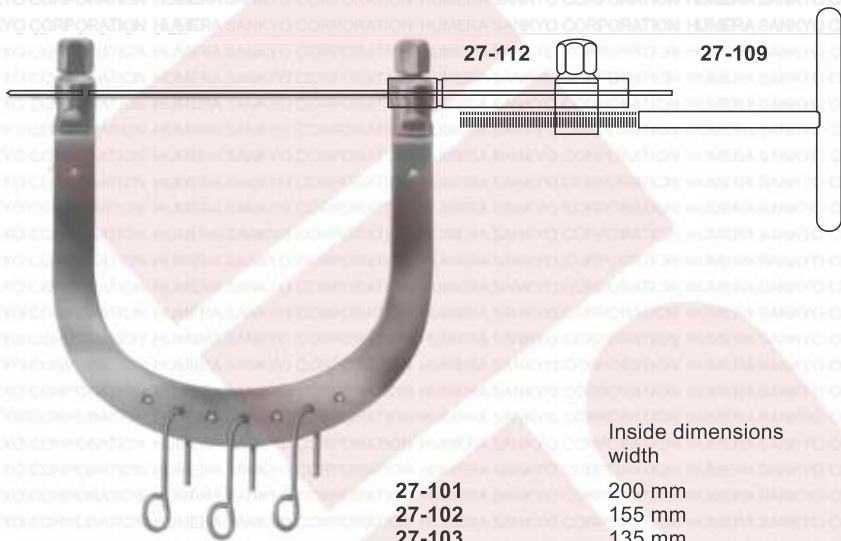


Wire Extension, Wire Cutting Plier,
Forceps & Finger Nail Instruments



PAGE 380 TO 392

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27-101 - 107
KIRSCHNER
Wire traction bows,
to be used with
KIRSCHNER-wires
up to 2.5 mm diam.,
With 3 hooks,
stainless steel

27-101
27-102
27-103
27-104
27-105
27-106
27-107

Inside dimensions
width

200 mm
155 mm
135 mm
120 mm
105 mm
95 mm
95 mm

depth

155 mm
155 mm
130 mm
120 mm
100 mm
110 mm
70 mm

for the hip
for the femur
for the knee
for the knee
for the knee
for the calcaneus
for the arm and elbow



27-108
Wrench, double - ended,
for wire traction bows **27-101 - 27-115**



27-109
Wire tightener, with
clamping jaws



27-110
Traction hook only,
large size



27-111
Traction hook only,
small size



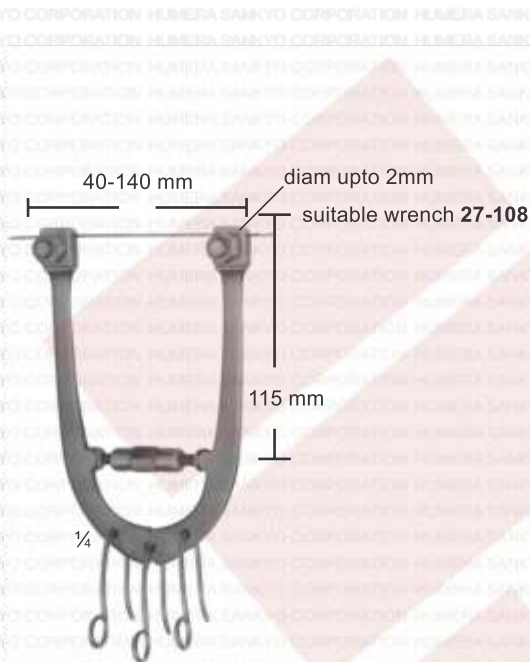
Kuntscher
26 cm
27-111A 8 mm
27-111B 10 mm
27-111C 12.5 mm



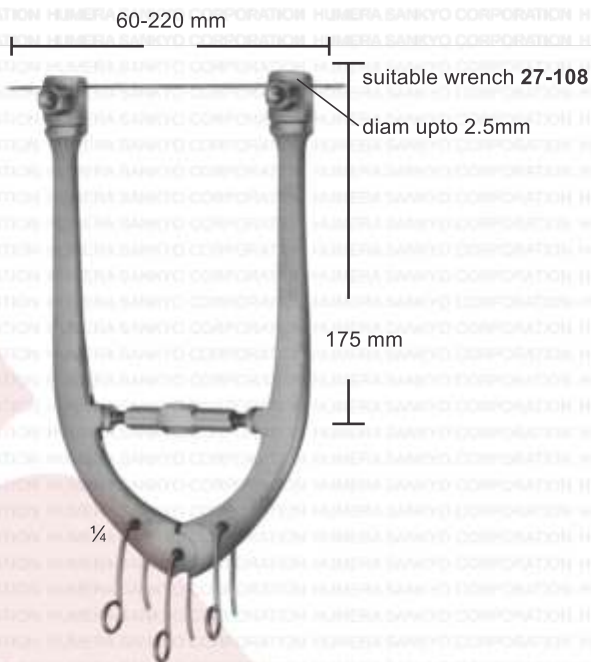
Kuntscher
27-111D
35 cm



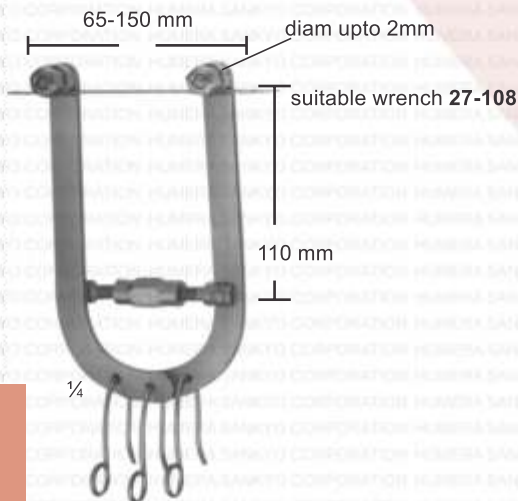
27-112
Fixation clamp, to secure clamping
jaws of **27-109** stainless steel



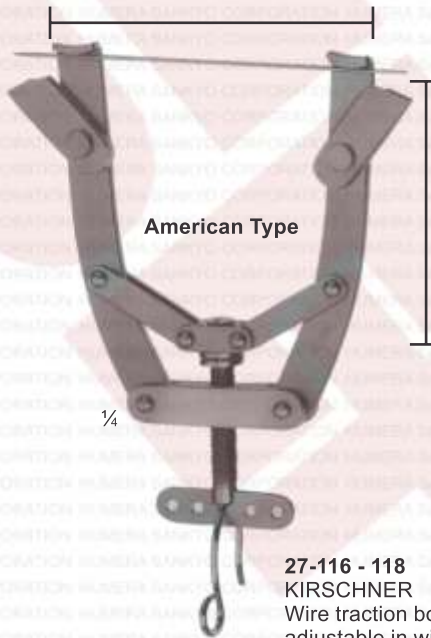
27-113
Wire traction bow, adjustable,
with 3 hooks, small size



27-114
Wire traction bow, adjustable,
with 3 hooks, large size



27-115
Wire traction bow, adjustable,
with 3 hooks, small size for
elbow and calcaneus, for
adolescents



American Type

27-116	max. 105 mm
27-117	max. 160 mm
27-118	max. 200 mm
27-116	80-95 mm
27-117	90-120 mm
27-118	140-170 mm
diam upto	
27-116	1,6 mm
27-117	2,0 mm
27-118	2,5 mm

27-116 - 118
KIRSCHNER
Wire traction bows, modified,
adjustable in width, holds wire
securely, with 1 hook



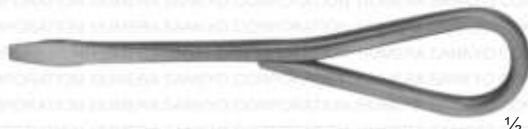
27-119
Fixation disc, slotted



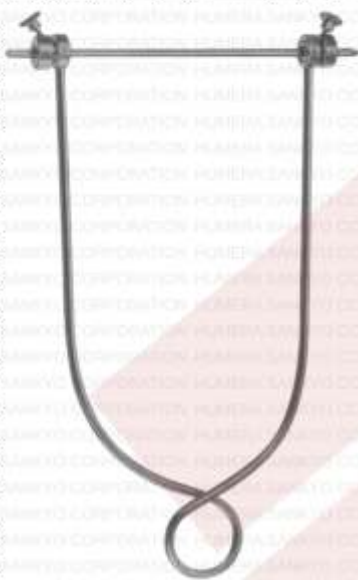
27-120
idem, aluminum, transparent
to X-rays



27-121
Fixation disc, slotted



27-122
Screw driver, for above
fixations discs



Boehler traction bows, to be used with STEINMANN pins, 4mm diam

27-123 with pin (**27-135**)

27-124 without pin

27-125 with pin (**27-137**)

27-126 without pin

27-127 with pin (**27-139**)
27-128 without pin

Boehler traction bows, to be used with STEINMANN pins, 5mm diam

27-129 without pin

27-130 without pin

Inside width

16x9cm

21x11cm

21x15cm

For

Arm

Femur and knee

Femur and knee



27-131 - 145
STEINMANN
triangular shaft ended and trocar point

diam Ø	4,0 mm	5,0 mm
Length		
80 mm	27-131	
100 mm	27-132	
120 mm	27-133	
140 mm	27-134	
150 mm	27-135	27-141
160 mm	27-136	
180 mm	27-137	27-142
200 mm	27-138	27-143
210 mm	27-139	
250 mm	27-140	27-144
300 mm		27-145



27-146
SCHWARZ
Traction bow for fingers,
to be used with KIRSCHNER-
wire up to 1.6 mm diam.



27-147
Small distractor
as a repositioning device for
distraction and compression of small bones,
for wires with 3.0 mm diam.



27-148
Protection cap
for 4,0 mm STEINMANN Pins



27-149
Protection cap
for 5,0 mm STEINMANN Pins

Drilling Chucks and Cerclage Wire Tightener



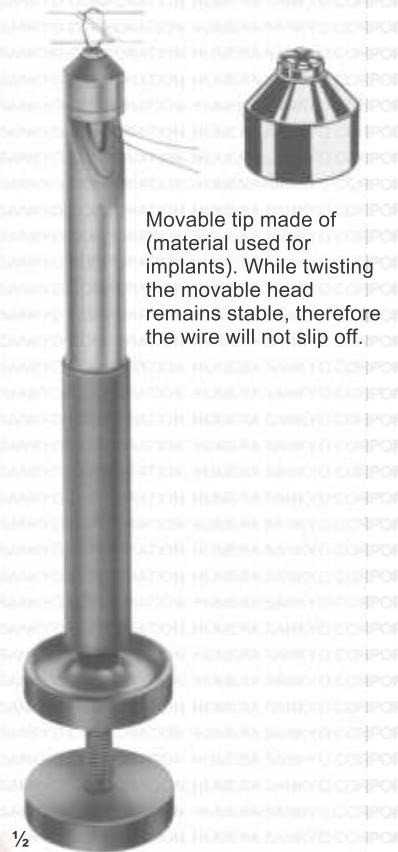
27-150
REILL
Drilling chuck,
cannulated,
for shanks from
2.0 - 2.5 mm diam
115 mm



27-151
Drilling chuck,
cannulated,
for shanks from
0.8 - 2.0 mm diam
150 mm

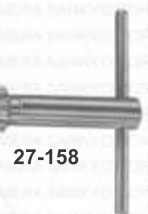
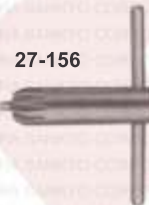


27-152
Drilling chuck,
cannulated,
for shanks up to
4.5 mm diam
with key (27-156)
140 mm



27-153
LOUTE
Wire tightener, improved pattern,
with movable tip,
for wires up to 1.0 mm diam.
220 mm

Chuck jaws made of material
used for implants



27-158



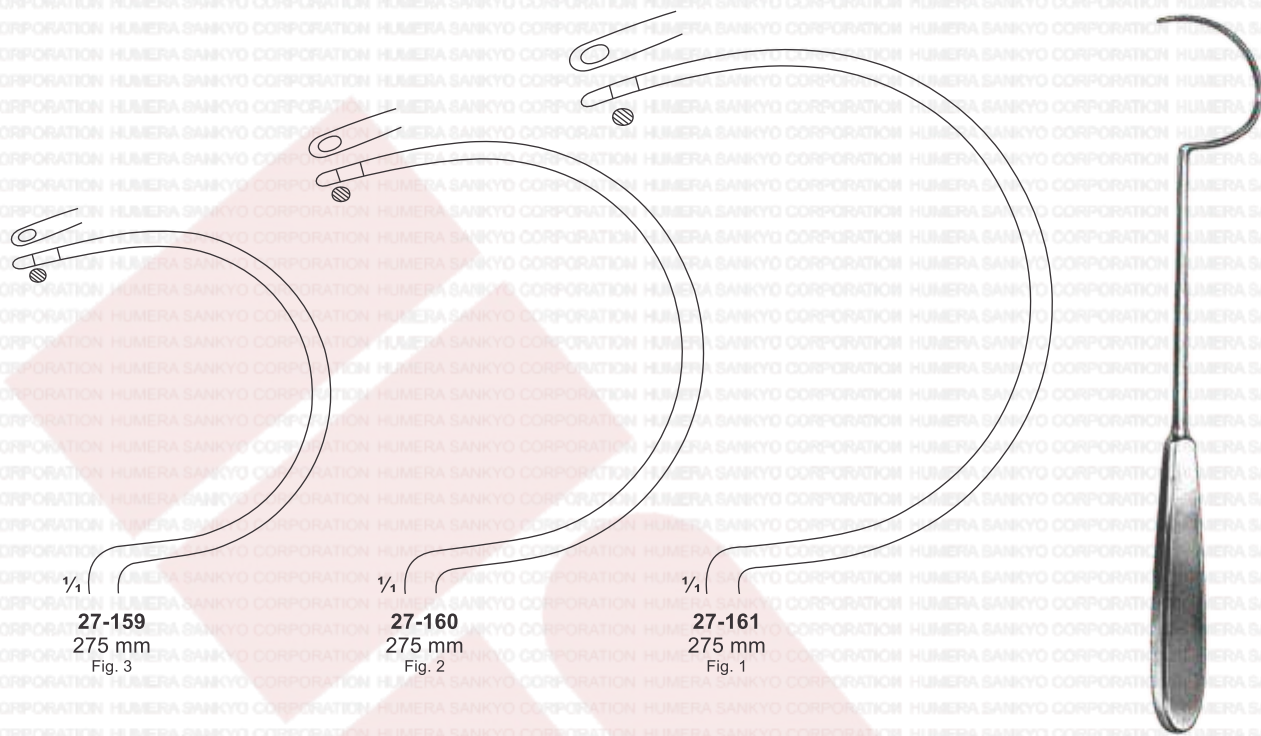
27-154
Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
To be tightened by hand
100 mm



27-155
Drilling chuck, cannulated,
for shanks up to 4.5 mm diam.,
And for triangular shaft width
across flats 4.7 mm (schanz screws,
steinmann pins). with key (27-156)



27-157
Drilling chuck, cannulated,
for shanks up to 6.35 mm diam.,
With key (27-158)
160 mm

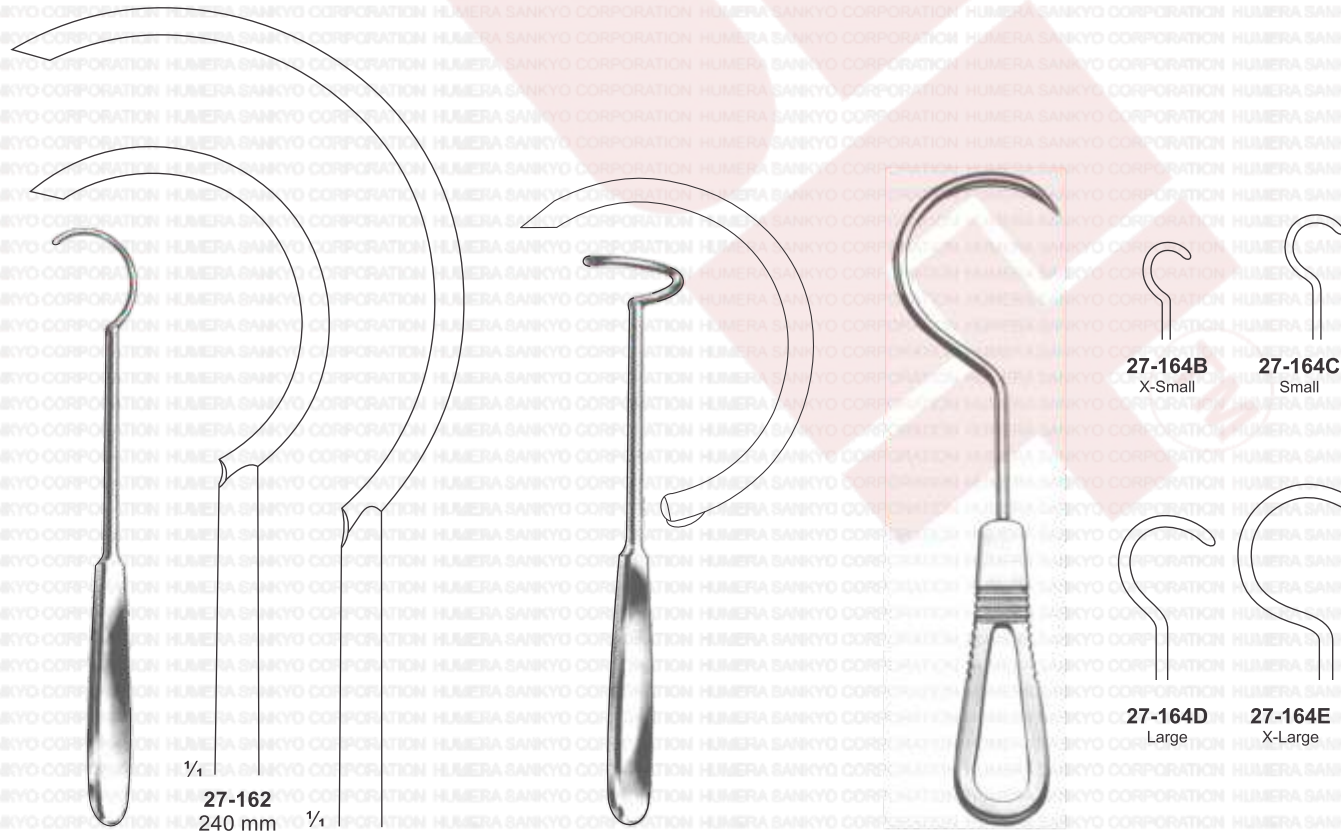


27-159
275 mm
Fig. 3

27-160
275 mm
Fig. 2

27-161
275 mm
Fig. 1

27-159 - 161
DEMEL
Wire guides



27-162
240 mm

27-163
270 mm

27-164
225 mm

27-164B
X-Small

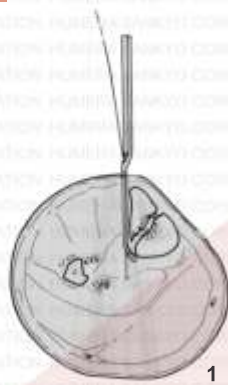
27-164C
Small

27-164D
Large

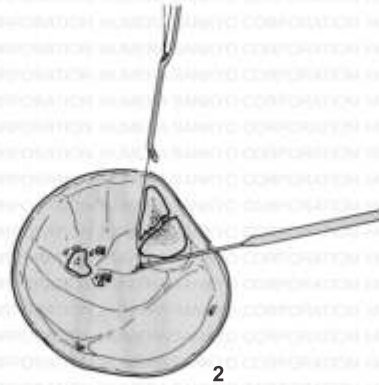
27-164E
X-Large

GRAFT PASSER
27-164A
XL-Large
Curved
Slot cut into head

Jordan Instruments For Subcutaneous Tibia Cerclage



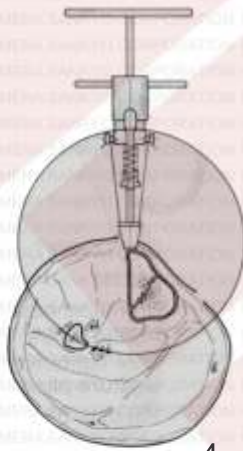
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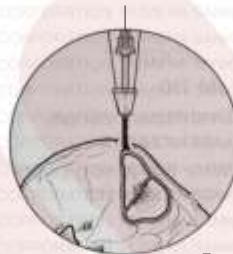
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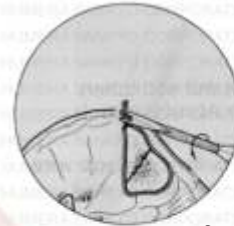
3



4



5



6



27-165
JORDAN
Wire tightener



27-166
JORDAN
Wire twister
170 mm



27-167
JORDAN
Wire catcher
180 mm



27-168
JORDAN
Probe, cannulated
170 mm



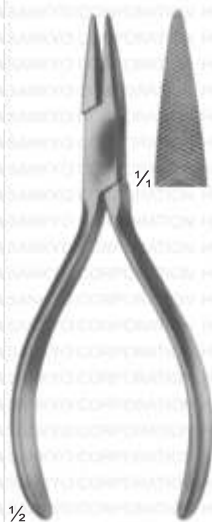
27-169
DUROGRIP
Holding forceps for cerclage
wire, with lateral jaws to avoid
wire slipping off
170 mm



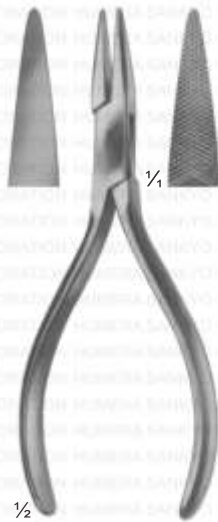
27-170
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



27-171
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



27-172
with serrated jaws
140 mm



27-173
one jaw smooth,
one jaw serrated
140 mm

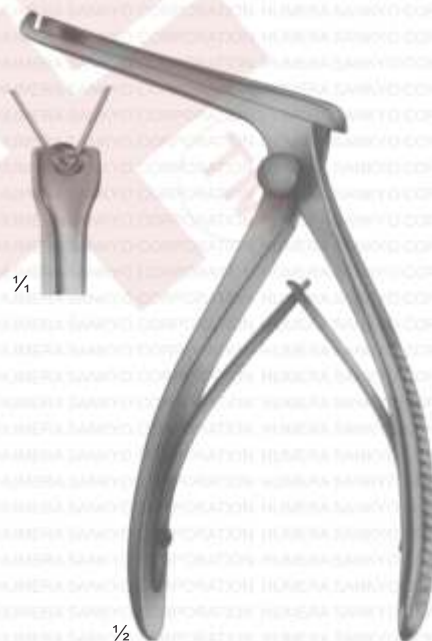
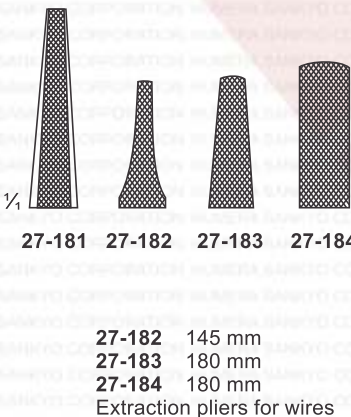
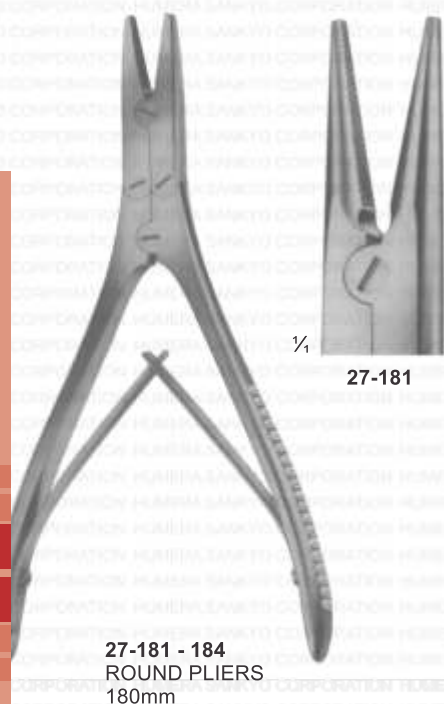
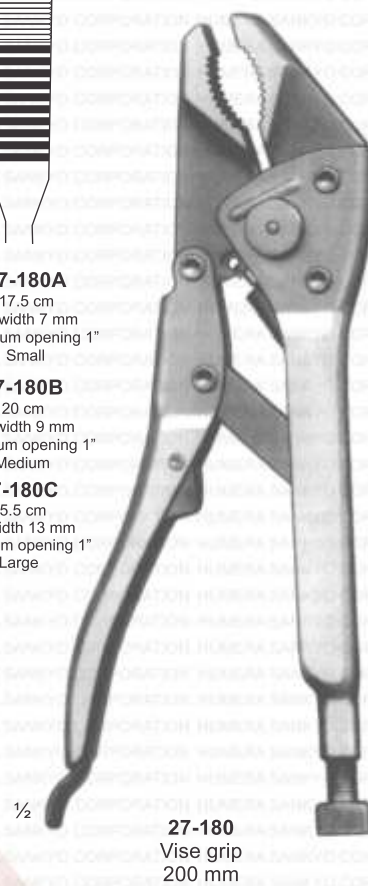
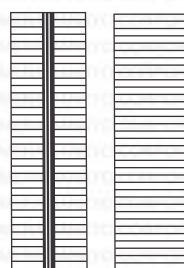
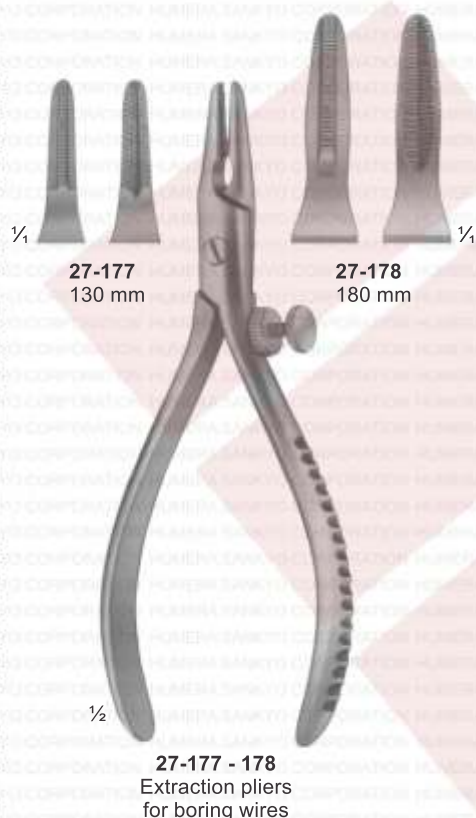


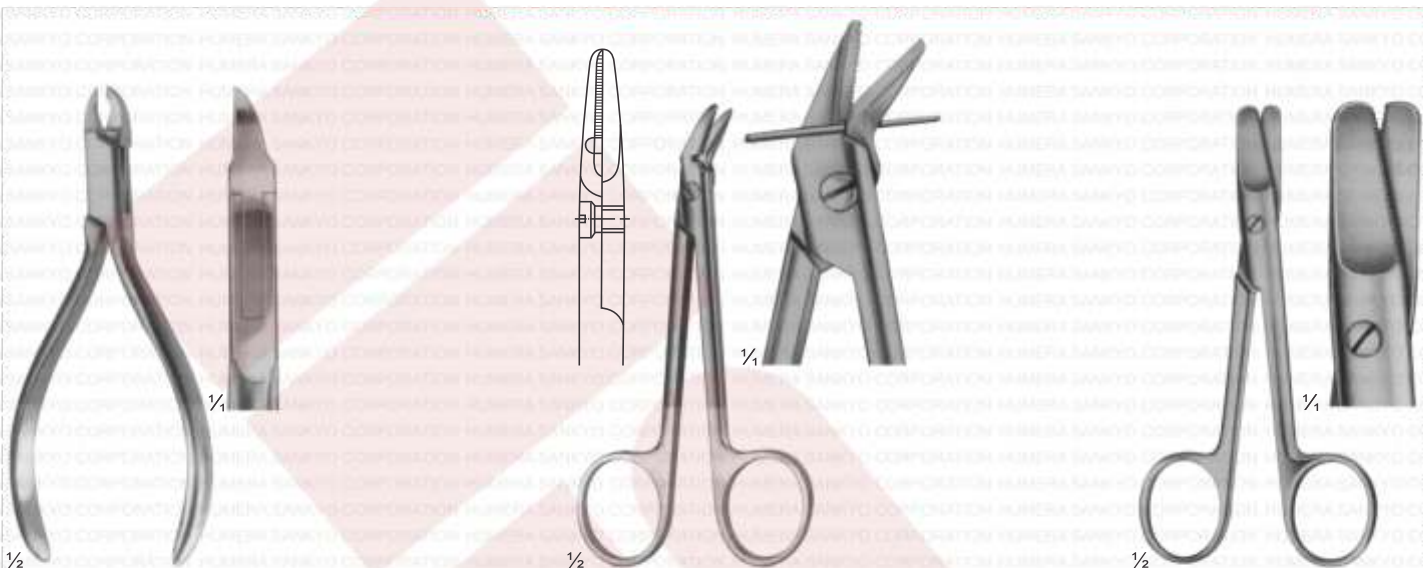
27-174
with serrated jaws
27-175
with longitudinal and
transverse grooves
170 mm



27-176
190 mm

Wire Holding Forceps, Flat-Nose Pliers, Pliers For Bending & Cutting Wires





27-186
ANGLE
130 mm

27-187
DUROTIP
ANGLE
130 mm

27-188
120 mm

27-189
DUROTIP
120 mm

27-190
HARVEY
125 mm

for soft wire
up to diam.
for hard wire
up to diam.

0,5 mm 0,6 mm
0,3 mm 0,4 mm

for soft wire
up to diam.
for hard wire
up to diam.

1,2 mm 1,2 mm
0,8 mm 0,8 mm

0,4 mm
0,3 mm



27-191
150 mm

27-192
160 mm

27-193
DUROTIP

for soft wire
up to diam
for hard wire
up to diam

1,5 mm
1,0 mm

1,5 mm
1,2 mm

1,5 mm
1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



for soft wire
up to diam. 2,0 mm
For hard wire 1,5 mm
up to diam
specially hardened
cutting edges, front
and lateral cutting
action

for soft wire
up to diam. 2,0 mm
For hard wire 1,6 mm
up to diam
specially hardened
cutting edges, for
cutting off wires close
to the bone

for soft wire
up to diam. 3,0 mm
For hard wire 2,2 mm
up to diam



27-197A
16 cm



27-197B
16 cm
for soft wires up to 2.5 mm ϕ
for hard wires up to 2.0 mm ϕ



specially
hardened
cutting
edges

27-197
240 mm

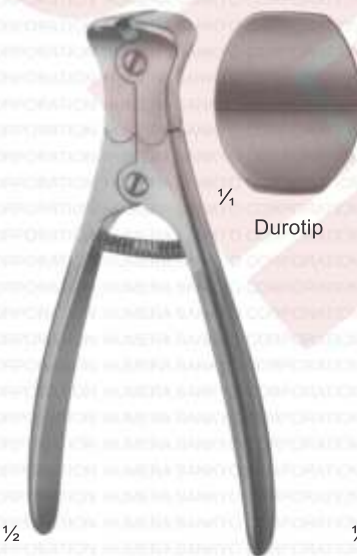
for soft wire
up to diam. 2.0 mm
For hard wire
up to diam 1.6 mm



$\frac{1}{4}$
Durotip

27-198
145 mm

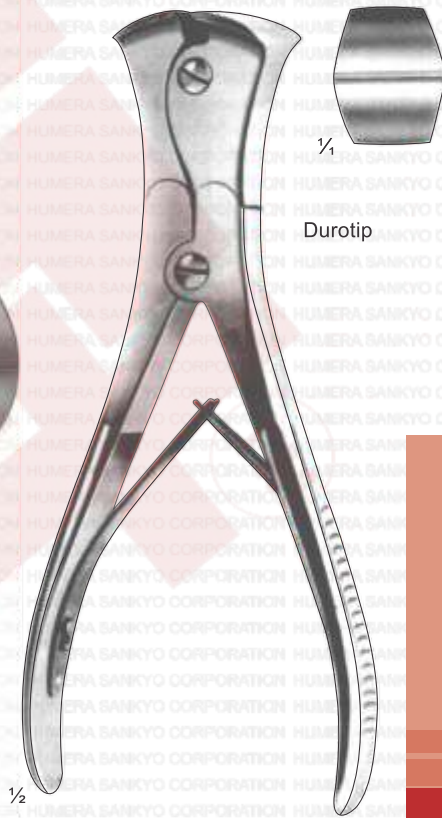
for soft wire
up to diam. 1.5 mm
For hard wire
up to diam 1.0 mm



$\frac{1}{4}$
Durotip

27-199
145 mm

for soft wire
up to diam. 2.0 mm
For hard wire
up to diam 1.5 mm



$\frac{1}{4}$
Durotip

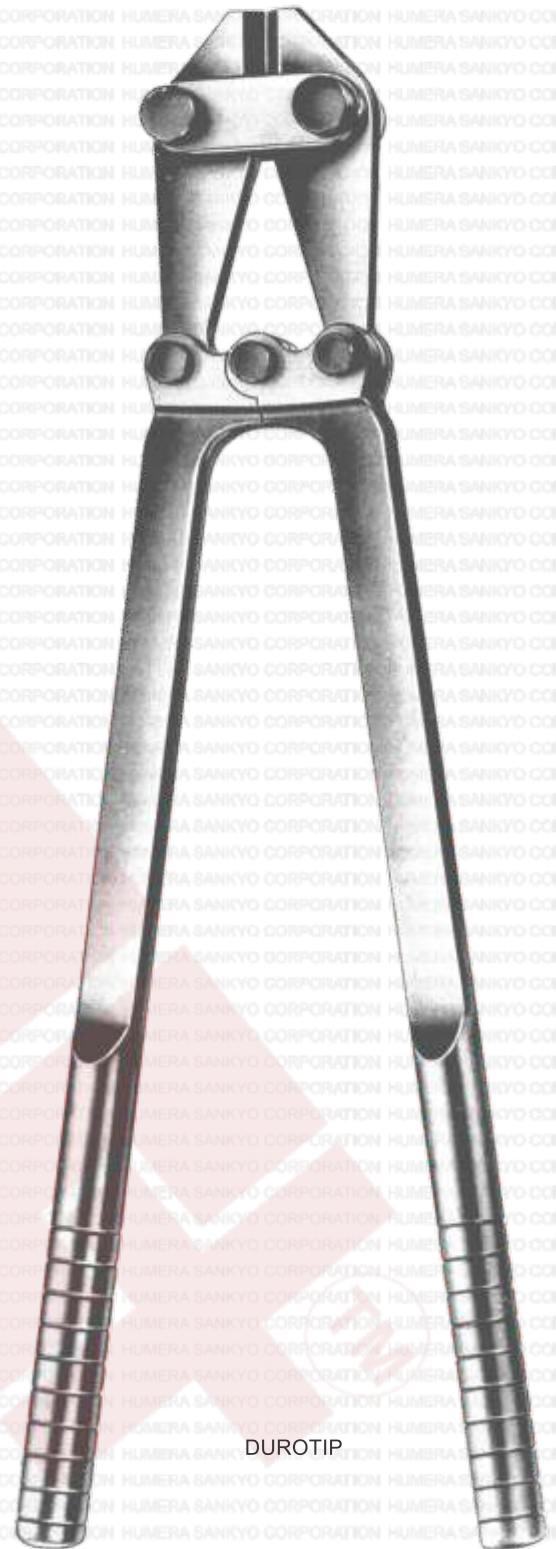
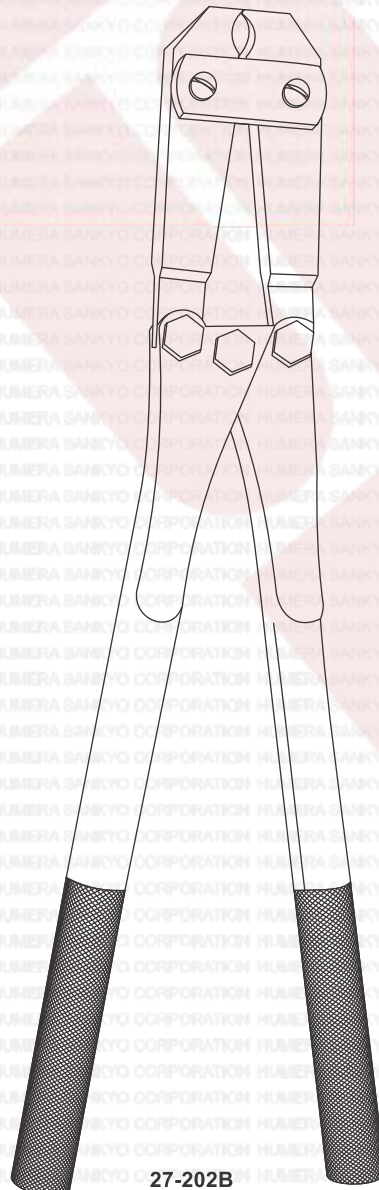
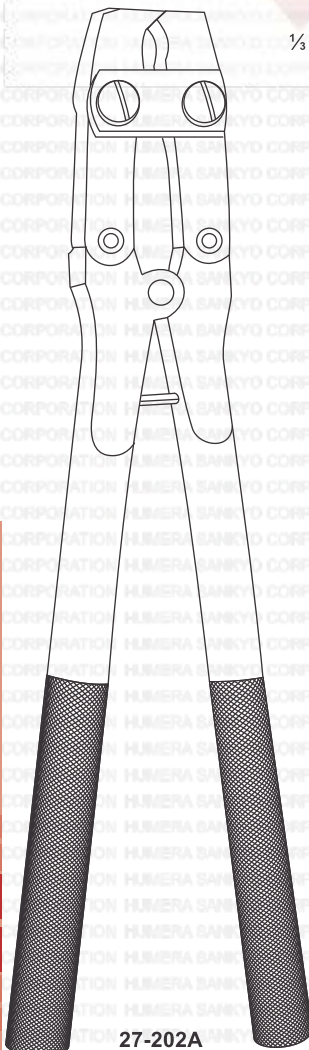
27-200
220 mm

for soft wire
up to diam. 3.5 mm
For hard wire
up to diam 2.5 mm

Wire Cutting Pliers



for soft wire
up to diam. 3,0 mm
For hard wire
up to diam. 3,0 mm





**PENNER
27-203A**
15.5 cm



**27-203
RADOLF**
135 mm

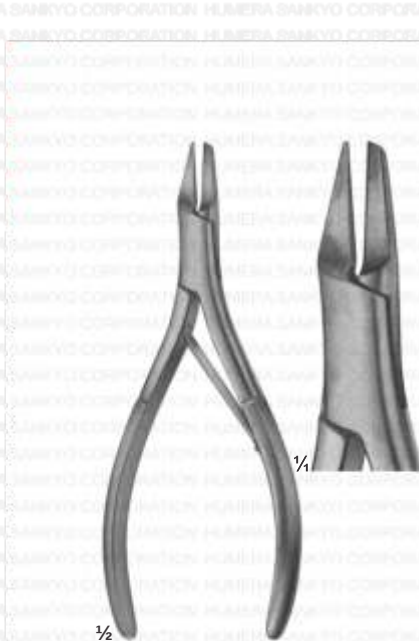


27-204
Nail extracting
forceps
145 mm



27-205
Finger nail drill
with 3 drill points

27-206 27-207 27-208
Drill points only



27-209
Nail splitting
forceps
135 mm



27-210
17 cm
Ring cutter



**WALTON
27-210A**
16 cm
27-210B
Spare blade for ring cutters



27-211
Finger ring saw
150 mm