To store, autoclave, dispense, insert, hold, bend, pull, twist, cut, and tighten K-wires, guidewires, Steinmann pins and rods.

All instruments shown in this catalog are made of surgical grade stainless steel unless otherwise specified.
# Wire Storage, Dispensing and Sterilization

**K-Wire Dispenser 6 1/4”**

<table>
<thead>
<tr>
<th>OM#</th>
<th>LENGTH</th>
<th>DIAMETER</th>
<th>QTY HELD</th>
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</thead>
<tbody>
<tr>
<td>OM 71-0001</td>
<td>up to 6”</td>
<td>.028” (0.7mm)</td>
<td>100</td>
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<tr>
<td>OM 71-0002</td>
<td>up to 6”</td>
<td>.035” (0.9mm)</td>
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<tr>
<td>OM 71-0003</td>
<td>up to 6”</td>
<td>.045” (1.1mm)</td>
<td>40</td>
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<tr>
<td>OM 71-0004</td>
<td>up to 6”</td>
<td>.054” (1.4mm)</td>
<td>25</td>
</tr>
<tr>
<td>OM 71-0006</td>
<td>up to 6”</td>
<td>.062” (1.6mm)</td>
<td>20</td>
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**K-Wire Dispenser 12 1/4”**

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<td>OM 71-0013</td>
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<td>OM 71-0014</td>
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<tr>
<td>OM 71-0016</td>
<td>up to 12”</td>
<td>.062” (1.6mm)</td>
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**Steinmann Pin Dispenser 12 1/4”**

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<tr>
<td>OM 71-0017</td>
<td>up to 12”</td>
<td>5/64” (2.0mm)</td>
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<td>OM 71-0019</td>
<td>up to 12”</td>
<td>3/32” (2.4mm)</td>
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**Vickers K-Wire Dispenser™**

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<tr>
<th>LENGTH</th>
<th>CHAMBER #1</th>
<th>CHAMBER #2</th>
<th>CHAMBER #3</th>
<th>CHAMBER #4</th>
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<tr>
<td></td>
<td>DIAMETER</td>
<td>QTY HELD</td>
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<td>QTY HELD</td>
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<tr>
<td>OM 46-0542</td>
<td>4”</td>
<td>.028” (0.7mm)</td>
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<td>.035” (0.9mm)</td>
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<tr>
<td>OM 46-0543</td>
<td>6”</td>
<td>.028” (0.7mm)</td>
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<td>.035” (0.9mm)</td>
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<tr>
<td>OM 46-0538</td>
<td>12”</td>
<td>.028” (0.7mm)</td>
<td>60</td>
<td>.035” (0.9mm)</td>
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<tr>
<td>OM 46-0539</td>
<td>12”</td>
<td>.070” (1.8mm)</td>
<td>15</td>
<td>5/64” (2.0mm)</td>
</tr>
</tbody>
</table>

* Note: For Steinmann Pins.

- Easily stores, sterilizes, and dispenses four different size wires.
- Dial on bottom allows for dispensing of one size at a time.
- To avoid injury, load wire with blunt end down.
- Dial can be locked to avoid accidental dispensing.
- Clearly marked chambers help avoid mix-up.

For our selection of K-Wires and pins see Section R.
WIRE, PIN DRIVERS AND BENDERS

No Manual Device Has Ever Achieved This Function
For years, surgeons have sought a simple pin driver that could actually be fully controlled with one hand. The new Vickers Easildriver™ leaves the other hand free to manipulate tissue, leaving the patient in better hands.

Ideal Back Up Unit For Office and Hospital
What do you use when your power equipment fails during surgery? Now you have the handy Vickers Easildriver™! Without loss of precious time, it is ready for use. In cases where power equipment is not indicated or available, the Vickers can become your primary driver, allowing for feel and control that power units don’t offer.

Dr. Vickers, who developed the patented instrument, is a specialist in hand surgery and the Chairman of the Instrumentation and Equipment Committee of the International Federation of Societies for Surgery of the Hand.

VICKERS EASIDRIVER™
OM 46-0540
5 1/2”
German Stainless

Note:
• Single handed operation
• Chuckless
• Depthscale
• Wire bending facility
• No maintenance
• No Set-Up
• Autoclavable
• For wire from .028” to .062”

Now you can drive, bend and pull K-Wire for a fraction of the cost of power equipment.

No more lost keys! Keyless chuck for insertion and removal of Steinmann pins.

Cannulation accepts wires and pins up to .236 (6.0mm).

Chuck accepts wires and pins up to 1/4” (6.35mm).

For insertion and removal of Steinmann Pins.
Includes chuck key.

Cannulation accepts wires and pins up to .236 (6.0mm).

Chuck accepts wires and pins up to 1/4” (6.35mm).

UNIVERSAL CHUCK WITH T-HANDLE
OM 47-0903
4” (102mm)
fully cannulated

STEINMANN PIN CHUCK
OM 48-0374
4” (102mm)
fully cannulated

For years, surgeons have sought a simple pin driver that could actually be fully controlled with one hand. The new Vickers Easildriver™ leaves the other hand free to manipulate tissue, leaving the patient in better hands.

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Note:
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• No maintenance
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Chuck accepts wires and pins up to 1/4” (6.35mm).

For insertion and removal of Steinmann Pins.
Includes chuck key.

Cannulation accepts wires and pins up to .236 (6.0mm).

Chuck accepts wires and pins up to 1/4” (6.35mm).
Aids in bending pins and wires.

**WIRE & PIN BENDER**
6” (152mm)
OM 48-0372
accepts wires & pins up to 1/8” (3.2mm)

Use the pin chuck to insert intramedullary pins into the bone marrow cavity. Equipped with stainless steel Jacob’s chuck and key which will accept 1/16” to 1/4” diameter pins. Fully cannulated handle with removable extension is made of aluminum for better balance and control.

**INTRAMEDULLARY PIN CHUCK**
10” (254mm)
OM 47-0896  Pin Chuck with Key
OM 47-0897  Key only
**PLATE AND WIRE BENDERS**

**K-WIRE & PLATE BENDER**
OM 49-0724
4 3/4" (121mm)
bends mini plates up to 1.1mm (.045") K-Wire to 90° angle
3 prong

**K-WIRE BENDER**
OM 49-0802
5 1/2" (140mm)
bends up to 1.6 mm (.062") K-Wire to 90° angle
3 prong

**WIRE BENDING PLIERS**
OM 48-0269
6.1" (15.5cm)

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**G R A T L O C H™ WIRE BENDER**
Bend .062" K-Wire single-handedly without sacrificing stability.
OM 48-0370
7 1/2" (191mm)
maximum capacity .062" (1.6mm)
special hardened, wear-resistant stainless tool steel
U.S. patent #5,314,431

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**Note:**
The Gratloch Wire Bender can stabilize and bend a Kirschner wire simultaneously. K-Wires can be bent close to the bone single-handedly without sacrificing fracture or osteotomy stability.

To bend wire:
1. After the insertion of K-Wire in the bone, cut the wire, leaving a piece of 1/2" to 3/4" in length.
2. Insert the K-Wire into angled slot of Gratloch™ Bender as close to the bone as possible.
3. Press handles to bend wire (.062" wire will bend 90°, smaller diameters will bend slightly less than 90°)
4. Additional features of the Gratloch™ Wire Bender include two angled cannulations at the proximal end of each handle for flush bending wire (.045" and .062").
**BUNNELL DRILL**
OM 48-0392
5 3/4” (146mm)
cannulated
3-jaw stainless Jacobs chuck
includes key chuck
accepts wires and pins up to 4mm (5/32”)
store chuck key in handle
aluminum body
key for Bunnell drill

**Key only**
OM 48-0392P

---

**RALKS DRILL**
OM 48-0390
6” (152mm)
cannulated
3-jaw stainless chuck
includes key chuck
accepts wires and pins up to 6.35mm (1/4”)
offset handle
aluminum body
key for Ralks drill

**Key only**
OM 48-0390P

---

**UNIVERSAL DRILL**
OM 48-0394
10” (254mm)
cannulated stainless chuck
includes key chuck
accepts wires and pins up to 6.35mm (1/4”)
aluminum body

This hand drill has a two to one gear ratio to ensure accurate drilling. The comfortable pistol grip offset handle gives the user perfect control. The chuck shaft and the entire length of the drill are cannulated. The cannulated shaft accepts Steinmann pins, K-Wires, long shank drills, and screwdriver bits up to 4mm (5/32”).

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HAND DRILLS

STILLE-SHERMAN DRILL
With quick coupling
OM 48-0465
9 1/2” (241mm)
drill only
chrome plated gears
stainless handle
OM 48-0469
drill and complete set of
stainless drill bits

STILLE PATTERN DRILL
With quick coupling
OM 48-0425
8” (203mm)
chrome plated drill only
chrome plated gears
stainless handle
OM 48-0438
drill and complete set of
stainless drill bits & burrs

OM 48-0466
2.5mm
OM 48-0467
3mm
OM 48-0468
3.5mm

OM 48-0426
2.5mm
OM 48-0427
3mm
OM 48-0428
3.5mm
OM 48-0429
4mm
OM 48-0430
trephine
10mm
OM 48-0431
round burr
5mm

OM 48-0432
round burr
8mm
OM 48-0433
round burr
12mm
OM 48-0434
round burr
16mm
OM 48-0435
drill bit
1mm
OM 48-0436
drill bit
1.5mm
OM 48-0437
drill bit
2mm
MOORE DRILL
OM 48-0420
11" (279mm) drill only
chrome plated drill
stainless handle

OM 48-0422
drill bit
9 cm length
3.2mm diameter

OM 48-0421
drill bit
7 cm length
3.2mm diameter

MARTIN DRILL
OM 48-0415
10 1/2" (267mm)
stainless drill
anodized aluminum handle
HAND DRILLS

CHUCK & KEY
OM 48-0443

COUPLING BOW
OM 48-0442

CHUCK & KEY
OM 48-0443

COUPLING BOW
OM 48-0442

DRILL GUIDE
OM 48-0441
shown extended

TELESCOPIC HAND DRILL
OM 48-0440
12" (305mm)
with drill guide, coupling bow and chuck and key
chrome plated gears
stainless handle

DRILL GUIDE
OM 48-0451

KIRSCHNER DRILL
OM 48-0450
15" (381mm)
telescopic drill
with drill guide, coupling bow and chuck and key
chrome plated gears
stainless handle
EXTENSION PIECE
OM 48-0455

HUDSON BURR
OM 48-0456
9mm

HUDSON BURR
OM 48-0457
14mm

HUDSON BURR
OM 48-0458
16mm

HUDSON BURR
OM 48-0459
22mm

CUSHING DRILL BIT
OM 48-0460
14mm

DRILL BIT
OM 48-0461
2mm

MCKENZIE DRILL BIT
OM 48-0462
13mm

D’ERRICO DRILL BIT
OM 48-0463
16mm

HUDSON DRILL
OM 48-0454
10 1/2” (267mm)
drill only
with improved snap-lock chuck
all stainless handle

OM 48-0464
drill with extension piece
and complete set of stainless
burrs and bits
ABOUT ORTHOMED WIRE AND PIN CUTTERS

In the past, surgeons have often had to rely on hardware store quality cutters made with inferior metals that can contaminate and ruin stainless steel instrumentation. Now OrthoMed can meet all of your wire and pin cutting requirements with our complete line of stainless steel cutting instruments.

Made From Stainless Steel – All of our wire cutters are engineered to meet the demanding needs of cutting rods, pins, cables and wires in the Operating Room. Jaws are made from the toughest specially-tempered tool steel or have tungsten carbide inserts.

More Cutting Power – Cutters designed with double action give you more cutting power and help absorb the shock of wire cutting. For the surgeon there is better control and less fatigue.

Most Extensive Selection – We offer more jaw and handle styles than any other instrument company.

Note on Carbide Instruments – Instruments with carbide inserts can be replaced, however, welded carbide jaws cannot be replaced.

To Achieve the Best Results When Cutting Wires and Pins, Follow these Simple Steps:

• Choose the appropriate cutter for the wire diameter you want to cut.
• Do not exceed the maximum capacity marked on each cutter.
• Cut wire in the middle of the jaw—not on the tip or in the corner.
• Keep the jaw at right angles to the piece being cut. Do not twist or turn cutter.

Caution: Be sure to protect patient and O.R. personnel from flying particles (especially the eyes). The harder the metal, the farther the pieces can fly.

IMPORTANT NOTE ON MAXIMUM CAPACITIES

Modern rods and pins vary greatly in hardness and tensile strength. All maximum capacities noted are based on tests using standard strength implant material. Cutting material which exceeds our standard strength ratings, such as certain high strength spinal rods, may damage or shorten the life of cutting edges and voids the instrument warranty. If you're not sure whether our cutter can handle your material, give us a call at (800) 547-5571.
WIRE CUTTING SCISSORS
4 3/4" (121mm)
OM 35-0198
one serrated blade
angular
OM 35-0200
one serrated blade
angular, carbide

K-WIRE END CUTTER
OM 49-0735
5 1/2" (140mm)
end cutting
maximum capacity .045" (1.1mm)

DIAMOND PIN CUTTER
OM 46-0651
6 1/4" (159mm)
end cutting
maximum capacity 5/64" (2.0mm)

END CUTTER
OM 46-0649
6" (152mm)
end cutting
welded carbide jaws
maximum capacity .062 (1.6mm)

Notch for cutting cerclage wire up to 1mm.
Disassembles easily for cleaning.
**SIDE CUTTER**
OM 46-0621
7" (178mm)
side cutting
welded carbide jaws
maximum capacity .062" (1.6mm)

**CANNULATED PIN CUTTER**
OM 46-0647
7 1/2" (191mm)
end cutting
maximum capacity .062" (1.6mm)

**FRONT AND SIDE WIRE CUTTER**
OM 46-0625
7" (178mm)
front and side cutting
with carbide inserts, double action
maximum capacity .062" (1.6mm)

**FLUSH WIRE CUTTER**
OM 46-0631
7" (178mm)
front and side cutting
with carbide inserts, double action
maximum capacity .062" (1.6mm)

Cannulation allows you to slide the cutter over the inserted wire. The piece cut will be held safely inside the channel.

The smooth double action combined with the versatile jaw design make this cutter a favorite one with many surgeons.

This improved version of our Front and Side Cutter cuts flush to the bone like no other wire cutter. This is a big advantage in buried wire procedures.
**DOUBLE ACTION WIRE CUTTER**
OM 46-0623
7" (178mm)
angled, side cutting
with carbide inserts
maximum capacity .062" (1.6mm)

**WIRE CUTTER**
With safety inserts
Combines maximum leverage and optimum safety.
OM 49-0740
7" (178mm) front and side cutting
double action
maximum capacity .062 (1.6mm)
patent pending

**DOUBLE ACTION WIRE CUTTER**
OM 49-0740P
set of replacement silicon inserts

**DOUBLE ACTION WIRE CUTTER**
OM 46-0624
8 1/2" (216mm)
angled, side cutting
with carbide inserts
maximum capacity 3/32" (2.4mm)

**Note:** The OrthoMed Wire Cutter with Safety Inserts can help prevent the potentially dangerous occurrence of flying K-wire pieces in the O.R. This instrument is designed to hold the cut piece of wire in its silicone inserts. After cutting, the remnant wire can be safely disposed of, thus preventing cut pieces from falling into the wound site or flying into the air.

The silicon inserts are autoclavable and long lasting. As inserts are not glued into the jaws, replacement is fast and easy. Simply insert the new ones by pressing them into place. Inserts do not fall out or move under normal circumstances.

Narrow jaw makes this cutter a favorite with hand and foot surgeons.
WIRE AND PIN CUTTERS

SIDE CUTTER
OM 49-0736
9” (229mm)
side cutting
welded carbide jaws
maximum capacity 3/32” (2.4mm)

END CUTTER
OM 49-0738
8 1/2” (216mm)
end cutting
welded carbide jaws
maximum capacity 3/32” (2.4mm)

HERCULES WIRE CUTTER
OM 85-0100
7” (178mm)
Over 40% less power required for pins and K-Wire of max. 2.2mm (3/32”) exchangeable TC blades, exchangeable rubber jaws.

HERCULES FRONT AND SIDE CUTTER
OM 85-0105
7” (178mm)
Over 40% less power required for K-Wire of max. 1.6mm (.062) exchangeable TC blades with integrated rubber jaws.
GOLD CUT HERCULES WIRE CUTTER
OM 85-0107
9” (230mm)
Maximum cutting capacity - 3mm wire

GOLD CUT HERCULES WIRE CUTTER
OM 85-0110
11” (280mm)
Maximum cutting capacity - 3.5mm wire

Over 40% less power required for pins and K-Wires. Exchangable TC blades and rubber jaws.
The Orthomed Rod cutter cuts 4.5" (.177"), 5.5mm (.217"), and 6.35mm (1/4") pins and rods. It will cut clean leaving a smooth surface without sharp edges or burrs. Available with and without detachable handles. Double action makes cutting easier.

**ROD CUTTER**
OM 60-0180
22" (559mm)
with detachable handles and silicone handle
DOUBLE ACTION PIN CUTTER
OM 49-0800
9 1/2” (241mm)
side cutting
maximum capacity 1/8” (3.2mm)

SIDE PIN CUTTER
OM 46-0629
15” (381mm)
side cutting
with carbide inserts
maximum capacity 5/32” (4.0mm)

Double action handles give more power to cut pins up to 1/8” (3.2mm).

Heavy duty cutter for rods up to 4.0mm and heavy Steinmann pins.

Slightly angled jaws house long-lasting special carbide inserts for cutting hard titanium and stainless steel rods.
PIN CUTTER (SMALL)
OM 46-0632
10” (254mm)
end cutting
maximum capacity 1/8” (3.2mm)

PIN CUTTER (MEDIUM)
OM 46-0633
16” (406mm)
end cutting
maximum capacity 3/16” (4.7mm)

Heavy duty cutters have replaceable jaws.
Precisely ground jaws are made from the hardest stainless steel available. This cutter will cut harder spinal rods for a longer period of time.

Please see our note about maximum capacities on page S10.

**Important:**
This large cutter is not designed to be used inside the patient’s body.
TABLE TOP ROD CUTTER
Provides an easy and safe way to cut spinal rods.
OM 46-0628
27" (689mm)
stainless steel with silicone handle

HAND-HELD ROD CUTTER
OM 46-0635
27" (686mm)
stainless steel with silicone handle

How to use:
1. Lift handle up.
2. Insert rod in proper diameter hole.
3. Press handle down.

Powerful double-action jaw enables surgeons to cut 1/4" rods with one hand.

Shearing action cuts cleanly – no raised burrs or sharp jagged edges.

Unique cutting process can help prevent the potentially dangerous occurrence of flying rod pieces in the O.R.

Ergonomically designed patented Ortho-Grip™ silicone handle provides a comfortable, slip-proof grip.

Base and handle are perfectly balanced to ensure stability and prevent lifting.

Simple efficient design has no folding levers, loose parts, or bearings that can break down.

Cuts rods from:
4.76mm (3/16") to 6.35mm (1/4").

Important:
This large cutter is not designed to be used inside the patient's body.
Durable tungsten carbide jaw cuts hard cable smoothly and easily.

Strong joint design is long-lasting and allows precise cutting.

Handle stop for defined jaw travel.

Jaw angle captures the cable, then cuts through all strands at once, eliminating frayed ends.

Cuts through cable with one cut-reducing risk of small cable particles falling into operating site.

Positive handle bars provide comfortable non-slip grip and precise control.

Long lasting extra heavy springs provide solid return.

Small jaw design allows surgeon to get close to bone, even in tight spaces.

CABLE CUTTER
Cuts cleanly through cables without fraying!
OM 48-0378
7” (178mm)
maximum capacity 2.0 mm
cable jaws can be resharpened and replaced

Tested. After 1000 cuts using cobalt chrome cable, the cutter performed as well as it did the first cut.

Note:
This instrument should only be used for cutting cable. Lubricate joint to ensure proper function.
PLATE CUTTING FORCEPS
OM 47-0932
9 1/2” (241mm)
for cutting stainless steel mini plates up to 1mm

ABOUT ORTHOMED PLIERS
We manufacture a wide range of stainless steel pliers. Whether you are bending delicate 0.2mm cerclage wire or removing a 3.2mm Steinmann Pin, we make a pair of pliers to handle the job.

QUALITY ASSURANCE
Every OrthoMed instrument is made for us to exact specifications. Much of our time is spent assuring the quality of the products we sell. The OrthoMed name does not go on any instrument that fails to pass our tough Quality Assurance Standards. We know our reputation depends on providing a quality product that will perform consistently for years.

VALUE
They are built to last! Our instruments are made from the finest German stainless steel. Unlike inferior “hardware store” quality, our pliers won’t chip or contaminate fine surgical instruments.

NEEDLE NOSE PLIERS
OM 48-0242
5 1/2” (140mm)
delicate

Delicate needle nose jaws specifically designed to handle cerclage wire. Jaw tapers to 1mm.
PIN PULLING PLIERS
OM 46-0578
5 1/2” (140mm)
with tungsten carbide inserts
3mm tip

Tungsten carbide inserts and grooved opposing jaw design grip small pins securely. Small size is well suited for foot and hand procedures. Jaws are 3mm at tip.

FLAT NOSE PLIERS
OM 48-0248
6” (152mm)
delicate
2mm tip

Delicate jaw tapers to 2mm. Made to twist and bend cerclage wire.

NEEDLE NOSE PLIERS
OM 48-0245
5 1/2” (140mm)
2mm tip

Jaw tapers to 2mm making it easier to get close to the bone to remove K-Wires.

FLAT NOSE PLIERS
OM 48-0246
5 1/2” (140mm)
broad
5mm tip

5mm tip can grasp larger Steinmann Pins and K-Wires. Ideal for light use.
FLAT NOSE K-WIRE PLIERS
With groove
OM 48-0254
7” (178mm)
3mm tip

FLAT NOSE K-WIRE PLIERS
OM 48-0256
7” (178mm)
3mm tip

K-WIRE EXTRACTION PLIERS
With screw lock
OM 48-0257 5” (127mm) 3mm tip
OM 48-0258 7” (178mm) 4mm tip

FLAT NOSE PLIERS
Combination plier
and cutter. Cuts all
sizes (0.2mm to 1.5mm)
of cerclage wire. Jaw
tapers to 3.5mm.

OM 48-0257
OM 48-0258

Multi-purpose plier
with flat jaws that
taper to 3mm for
pulling K-Wire.
Side groove for
cerclage wire.

OM 48-0256
Multi-purpose plier
with flat jaws that
taper to 3mm for
pulling K-Wire.
LONG JAW NEEDLE NOSE PLIERS
OM 48-0250
7” (178mm) parallel grooved jaws
jaw length: 2 1/4”
2mm tip

Long delicate jaws are 2mm at the tip. Perfect for pulling K-Wires, especially in hard to reach sites.

NARROW NOSE WIRE PULLING FORCEPS
OM 48-0253
7 1/2” (191mm)
3mm tip

Extra heavy jaws for pulling K-Wires and Steinmann Pins. An economical alternative to double action pliers. Jaws taper to 3mm.

SCREW REMOVAL FORCEPS
With speed lock
OM 49-0920
7” (178mm)
with carbide inserts

Useful for removing 3.0mm to 4.5mm screws.

LINEMAN PLIERS
With cutting edge
OM 48-0259
8 1/2” (216mm)
side cutting
maximum capacity .062” (1.6mm)

Combination pliers and wire cutter. An economical, general purpose instrument.
Parallel grooved 10mm jaws provide enormous gripping power. Ideal for pin removal.

PARALLEL PLIERS
OM 48-0604
7” (178mm)
10mm tip
maximum opening 1/2”

PARALLEL PLIERS
OM 48-0605
7” (178mm)
10mm tip
maximum opening 1/2”
maximum capacity .062” (1.6mm)

Combination pliers and wire cutter has all the benefits of our Parallel Pliers plus a cutting jaw for K-Wires up to .062” (1.6mm).

PARALLEL PLIERS
With cutter
OM 48-0605
7” (178mm)
10mm tip
maximum opening 1/2”
maximum capacity .062 (1.6mm)

Recommended for heavy use. Double action and finely serrated carbide tips combine to provide a powerful grip on K-Wires and pins.

2mm tip is ideal for removing K-Wire up to .62mm from small, hard-to-reach sites.

4mm to 6mm jaws are ideal for grasping and pulling all sizes of K-Wires and pins.

SLIP JOINT PLIERS
OM 48-0262
8” (203mm)
10mm tip
maximum opening 2”

DOUBLE ACTION WIRE EXTRACTION PLIERS
OM 46-0572 7” (178mm) 2mm delicate jaw, carbide
OM 46-0573 7” (178mm) 4mm jaw, carbide
OM 46-0574 7” (178mm) 6mm jaw, carbide
PIN PULLER
OM 47-0890  2.0mm to 3.2mm pins

Universal pin extractor includes a striking pad for pin insertion. Ergonomic handle for positive grip.

PIN PULLER

SILICONE T HANDLE
Full line of silicone T or Straight (in-line) handles in a variety of sizes. Standard or custom colors. AO, Hudson, ¼", or custom couplings available. Ratcheting, non-ratcheting, and torque limiting option which include a 3 year or 6000 click recalibration guarantee. For details on this complete line, call 1-800-547-5571, or e-mail specific handle configuration requirements to custserv@orthomedinc.com
ROD HOLDER
OM 49-0708
5.5mm rods 7 ¼” Str.

ROD HOLDER
For 5.5mm rods
OM 60-0220 11” (279mm)
HEAVY DUTY LOCKING PLIERS
WITH A NEW REINFORCED, MORE DURABLE JAW
• Heavy duty jaws lock securely onto pins
• Reinforced jaw hinge and housing are more rigid to help prevent side to side shifting
• Made from 300 and 400 series surgical grade stainless steel.
• Will not chip or contaminate other instrumentation
• Adjustment screw for easy control of jaw opening
• One-handed, quick release self locking lever
• Available in three sizes

SMALL LOCKING PLIERS
OM 48-0600
6 3/4” (171mm)
tip width 7mm
maximum opening 1”

MEDIUM LOCKING PLIERS
OM 48-0602
8” (203mm)
tip width 9mm
maximum opening 1”

LARGE LOCKING PLIERS
OM 48-0608
10” (254mm)
tip width 13mm
maximum opening 1 1/2”
NEEDLE NOSE LOCKING PLIERS WITH A NEW REINFORCED, MORE DURABLE JAW.

- New 12" model has an impressive powerful jaw. The body is made from 2.5mm stainless steel. This plier will hold up better in the O.R. than any other needle nose plier – we guarantee it!

- Both pliers have a more durable reinforced jaw hinge and housing which helps keep the ends in alignment, especially when plier is twisted.

- Other features; one tapered “V” grooved jaw which locks securely onto pins; adjustment screw; and one handed, quick release self-locking lever.

- OrthoMed pliers are made from 300 and 400 series surgical grade stainless steel. Unlike “hardware store” quality, they will not chip or contaminate other instrumentation.

NEEDLE NOSE LOCKING PLIERS
OM 48-0606
9 1/2" (241mm)
length of jaw 2 1/2"
tip width 5mm
jaws are parallel at 3mm

LARGE NEEDLE NOSE LOCKING PLIERS
OM 48-0610
12" (305mm)
length of jaw 3"
tip width 7mm
jaws are parallel at 5mm
LOCKING PLIERS WITH SLAPHAMMERS

- Implants are removed more effectively with well-engineered slaphammer attachments
- Force is applied directly in line with jaws – providing more control during implant removal
- Stable three point contact – reduces the possibility of twisting or turning.
- Interchangeable – one slaphammer can be used with two different pliers.
- German stainless steel.

LOCKING PLIERS

**Standard**
OM 48-0630 7” (178mm) small for 400gr slaphammer
OM 48-0631 8” (203mm) medium for 400gr slaphammer
OM 48-0632 9 1/2” (235mm) large for 700gr slaphammer

**Needle Nose**
OM 48-0633 8 1/2” (216mm) small for 400gr slaphammer
OM 48-0634 10” (254mm) medium for 400gr slaphammer
OM 48-0635 12” (305mm) large for 700gr slaphammer

SLAPHAMMER

OM 48-0625 400gr slaphammer for small & medium pliers
OM 48-0626 400gr slaphammer for medium pliers
OM 48-0627 700gr slaphammer for large pliers
LOCKING PLIERS WITH SLAPHAMMERS

A POWERFUL COMBINATION OF LOCKED GRIPPING STRENGTH AND CONTROLLED HAMMER ACTION.

• These stainless steel heavy duty locking pliers with slaphammers enable surgeons to more easily extract protheses intramedullary nails and hip fracture plates.

• The large pliers offer maximum versatility- slaphammers can be attached in three places; on the end or either side. Small and medium pliers have end attachments only.

• If additional force is required, a mallet may be used on the hammer plate.

• For jaw length and tip widths refer to pages S25 and S26.

LOCKING PLIERS WITH SLAPHAMMERS
OM 48-0612
6 3/4" (171mm) small end and side attachments

OM 48-0614
8" (203mm) medium end and side attachments

OM 48-0616
10" (254mm) large end and side attachments

OM 48-0618
12" (305mm) large end and side attachments

NEEDLE NOSE LOCKING PLIERS WITH SLAPHAMMER
OM 48-0620
9 1/2" (241mm) medium end and side attachments

OM 48-0622
12" (305mm) large end and side attachments
WIRE TWISTER AND TIGHTENER
OM 69-0846
6 1/4" (159mm)

WIRE TWISTING FORCEPS
OM 48-0320
6" (152mm)
with carbide inserts
3mm tip

WIRE PULLING FORCEPS
OM 46-0637
6 1/2" (165mm)
maximum capacity: 1mm

Follow these easy steps to twist and tighten cerclage wire:
1. Position wire around bone. Bend the ends of the wire slightly upwards.
2. Feed both twisted wire ends through the tongue and groove jaw and push out and up through the jaw fenestration.
3. Engage the ratchet. This will lock the wire into place. Turn the entire instrument, tightening the wire around the bone.
How to Use the Loute Wire Tightener

1. Loosen both knobs by turning counterclockwise until center pin disappears from view.
2. Pass wire around bone and feed both ends into center hole at the tip.
3. Use Wire Pulling Forceps (OM 46-0637) to pull ends through and hold wire taut while pushing the instrument close to the bone.
4. Turn lower (distal) knob clockwise to lock wire in place. Then turn upper (proximal) knob clockwise to pull in remaining slack from wire.
5. Balance instrument in one hand and rotate it with the other hand until resistance is felt. Then hold tightener shaft tight and turn lower (distal) knob clockwise until wire is cut.

Note: Hold instrument straight (do not tilt) while tightening.
CORWIN WIRE TWISTER
OM 46-0582
6 1/4” (159mm)
with carbide inserts

How to use the Corwin wire twister:
1. Wrap wire around bone and position ends next to each other
2. Grasp both ends of wire with jaws.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on center ring repeatedly until wire has reached desired tension.
6. Disengage ratchet.

Saves time by semi-automatically twisting soft wire.

JET WIRE TWISTER
OM 49-0810
11” (179mm)
10mm tip

This time-saving instrument twists wire quickly and smoothly.

How to use the OrthoMed Jet Wire Twister:
1. Wrap wire around bone and position ends next to each other.
2. Grasp both ends of wire with jaw.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on t-handle repeatedly until wire has reached desired tension.
6. Disengage ratchet.

Note: Jaws can be customized. Please contact us for details.

The OrthoMed Jet Wire Twister is designed to provide fast, smooth and even twisting of soft wire, saving time in the O.R. Now available for the first time in stainless steel. Suitable for the entire range of cerclage wire.
WIRE PASSER (CANNULATED)
OM 48-0386 7” (178mm) 45mm diameter
OM 48-0388 9 1/2” (241mm) 70mm diameter

DEMELE WIRE GUIDE
OM 48-0380 10 1/2” (267mm) 30mm diameter
OM 48-0382 11 1/2” (292mm) 47mm diameter
OM 48-0384 12 1/2” (318mm) 57mm diameter

Cannulation allows for easy feeding of wire around the bone.

WIRE AND PIN TRACTOR (BOEHLER)

<table>
<thead>
<tr>
<th>Inside length</th>
<th>Inside width</th>
<th>Pin included</th>
<th>Pin size and dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM 48-0326 small</td>
<td>90mm</td>
<td>75mm</td>
<td>OM 71-0432 5” 2.4mm</td>
</tr>
<tr>
<td>OM 48-0328 medium</td>
<td>160mm</td>
<td>90mm</td>
<td>OM 71-0434 7” 3.2mm</td>
</tr>
<tr>
<td>OM 48-0330 large</td>
<td>210mm</td>
<td>150mm</td>
<td>OM 71-0525 9” 4.0mm</td>
</tr>
</tbody>
</table>

Note: Each Wire and Pin Tractor comes with one single trocar round end Steinmann Pin as listed.

KIRSCHNER BOW

<table>
<thead>
<tr>
<th>Max jaw opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM 48-0270 5 3/4” (146mm) small</td>
</tr>
<tr>
<td>OM 48-0272 7 1/2” (191mm) large</td>
</tr>
<tr>
<td>OM 48-0274 9 1/2” (241mm) extra large</td>
</tr>
</tbody>
</table>

Note: Each Kirschner bow comes with three hooks.