

WIRE AND PIN MANAGEMENT



SECTION S



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

ORTHO+MED
The Surgical Instrument Specialists

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K-WIRE DISPENSER 6 1/4"

OM#	LENGTH	DIAMETER	QTY HELD
OM 72-0001	up to 6"	.028" (0.7mm)	100
OM 72-0002	up to 6"	.035" (0.9mm)	50
OM 72-0003	up to 6"	.045" (1.1mm)	40
OM 72-0004	up to 6"	.054" (1.4mm)	25
OM 72-0006	up to 6"	.062" (1.6mm)	20

Note:

- Stores, sterilizes, and dispenses one size at a time.
- Sharp points are protected by nylon cap.
- To avoid injury, load wire with blunt end down.
- Diameter is marked for easy identification.
- Perforation allows for proper sterilization.

K-WIRE DISPENSER 12 1/4"

OM#	LENGTH	DIAMETER	QTY HELD
OM 72-0012	up to 12"	.035" (0.9mm)	50
OM 72-0013	up to 12"	.045" (1.1mm)	40
OM 72-0014	up to 12"	.054" (1.4mm)	25
OM 72-0016	up to 12"	.062" (1.6mm)	20

For our selection of K-Wires and pins see Section R.

STEINMANN PIN DISPENSER 12 1/4"

OM#	LENGTH	DIAMETER	QTY HELD
OM 72-0017	up to 12"	5/64" (2.0mm)	10
OM 72-0019	up to 12"	3/32" (2.4mm)	5



OM 71-0001 – OM 71-0006 for K-Wire up to 6" long.



OM 71-0012 – OM 71-0019 for K-Wire and pins up to 12" long.

VICKERS K-WIRE DISPENSER™

	LENGTH	CHAMBER #1		CHAMBER #2		CHAMBER #3		CHAMBER #4	
		DIAMETER	QTY HELD	DIAMETER	QTY HELD	DIAMETER	QTY HELD	DIAMETER	QTY HELD
OM 46-0542	4"	.028" (0.7mm)	36	.035" (0.7mm)	30	.045" (1.1mm)	24	.062" (1.6mm)	12
OM 46-0543	6"	.028" (0.7mm)	36	.035" (0.7mm)	30	.045" (1.1mm)	24	.062" (1.6mm)	12
OM 46-0538	12"	.028" (0.7mm)	36	.035" (0.7mm)	30	.045" (1.1mm)	24	.062" (1.6mm)	12
OM 46-0539	12"	.028" (0.7mm)	14	5/64" (2.0mm)	12	.086" (2.2mm)	8	3/32" (2.4mm)	6

* 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.

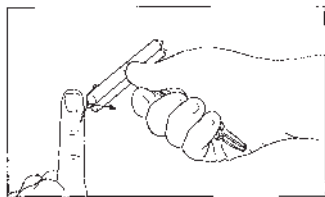
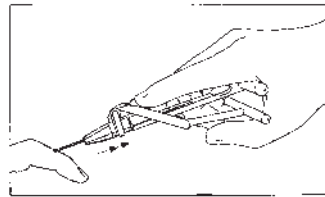
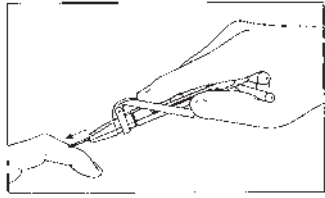


OM 46-0542 for K-Wire up to 4" long.



OM 46-0539 and OM 46-0538 for 12" K-Wire.

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 Easidriver™ 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 Easidriver™. 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.

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

Note:

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



VICKERS EASIDRIVER™

OM 46-0540
5 1/2"
German Stainless

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).



OM 47-0903
4" (102mm)
fully cannulated

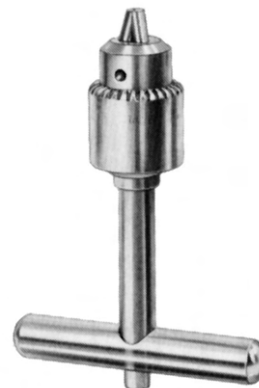
OM 47-0901
4 1/2" (114mm)
fully cannulated
with reverse lock

UNIVERSAL CHUCK WITH T-HANDLE

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 following 1/4" Steinmann pin chuck. (6.35mm).



OM 48-0374
4" (102mm)
fully cannulated

STEINMANN PIN CHUCK



*Aids in bending
pins and wires*

OM 48-0372
accepts wires & pins up to 1/8" (3.2mm)

WIRE & PIN BENDER

6" (152mm)

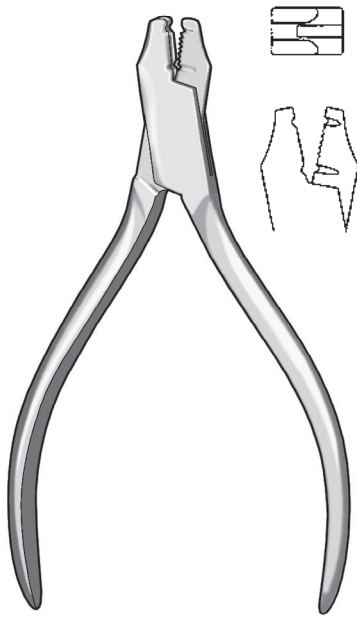


Use the pin chuck to insert intramedullary pins into the bone marrow cavity. Equipped with stainless steel Jacob's chuck and key which will accept 1/16" to 1/4" diameter pins. Fully cannulated handle with removable extension is made of aluminum for better balance and control.

OM 47-0896 Pin Chuck with Key
OM 47-0897 Key only

INTRAMEDULLARY PIN CHUCK

10" (254mm)



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

K-WIRE & PLATE BENDER



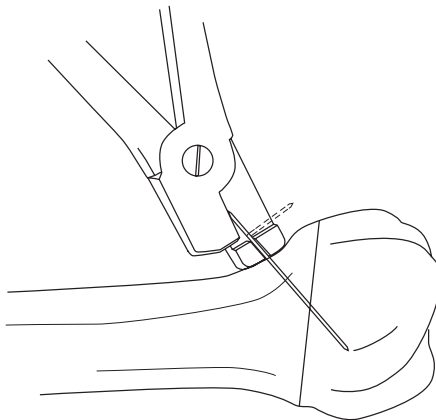
OM 49-0802
5 1/2" (140mm)
bends up to 1.6 mm
(.062") K-Wire to 90° angle
3 prong

K-WIRE BENDER



OM 48-0269
6.1" (15.5cm)

WIRE BENDING PLIERS



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

GRATLOCH™ WIRE BENDER

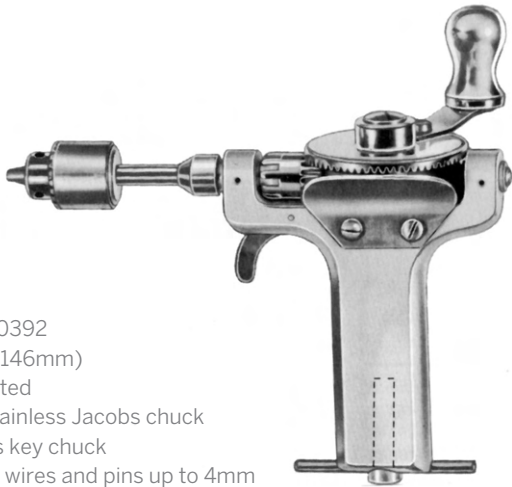
Bend .062" K-Wire single-handedly
without sacrificing stability.

Note:

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

To bend wire:

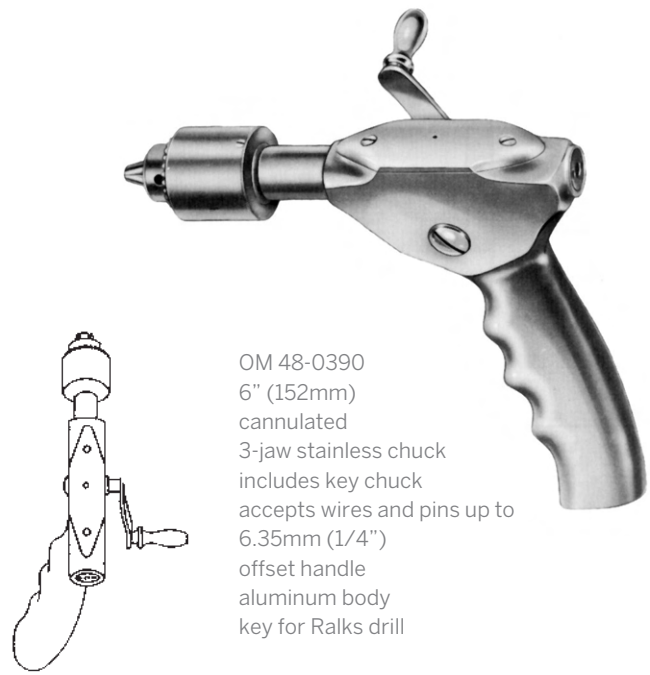
1. After the insertion of K-Wire in the bone, cut the wire, leaving a piece of 1/2" to 3/4" in length.
2. Insert the K-Wire into angled slot of Gratloch™ Bender as close to the bone as possible.
3. Press handles to bend wire (.062" wire will bend 90°, smaller diameters will bend slightly less than 90°)
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").



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

BUNNELL DRILL

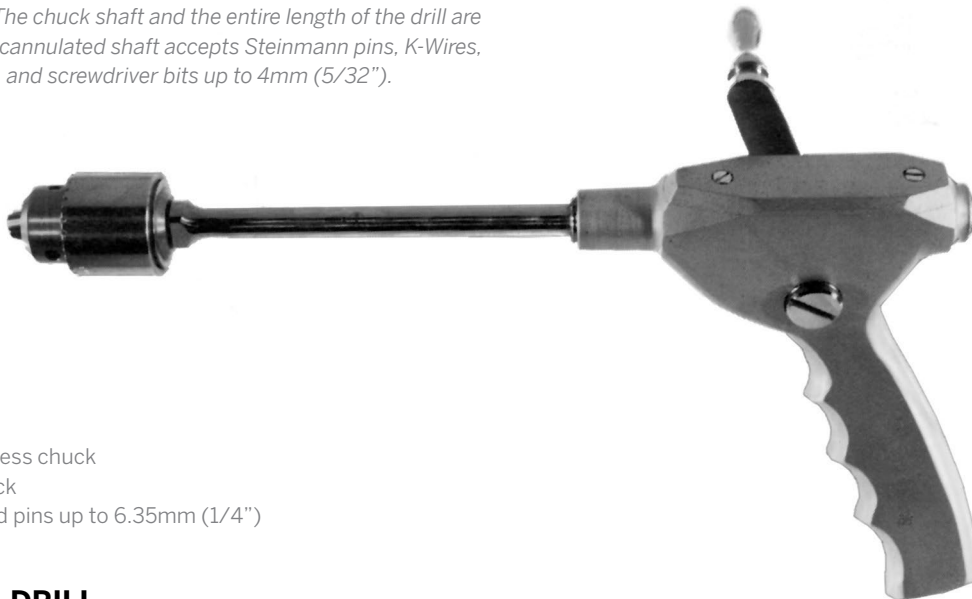


OM 48-0390
 6" (152mm)
 cannulated
 3-jaw stainless chuck
 includes key chuck
 accepts wires and pins up to
 6.35mm (1/4")
 offset handle
 aluminum body
 key for Ralks drill

Key only
 OM 48-0390P

RALKS DRILL

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").



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

UNIVERSAL DRILL



OM 48-0466
drill bit
2.5mm

OM 48-0467
drill bit
3mm

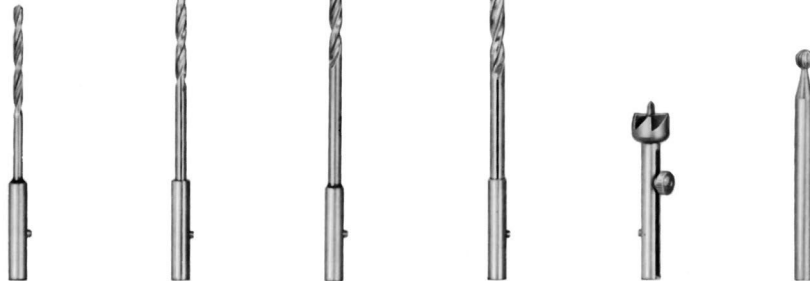
OM 48-0468
drill bit
3.5mm

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-SHERMAN DRILL

With quick coupling



OM 48-0426
drill bit
2.5mm

OM 48-0427
drill bit
3mm

OM 48-0428
drill bit
3.5mm

OM 48-0429
drill bit
4mm

OM 48-0430
trephine
10mm

OM 48-0431
round burr
5mm

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 &
burs



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

STILLE PATTERN DRILL

With quick coupling



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



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



OM 48-0420
11" (279mm)
drill only
chrome plated drill
stainless handle

OM 48-0423
drill and complete set of
stainless drill bits

MOORE DRILL



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

MARTIN DRILL



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



DRILL GUIDE
OM 48-0451



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



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 BURN
OM 48-0456
9mm



HUDSON BURN
OM 48-0457
14mm



HUDSON BURN
OM 48-0458
16mm



HUDSON BURN
OM 48-0459
22mm



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



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

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.

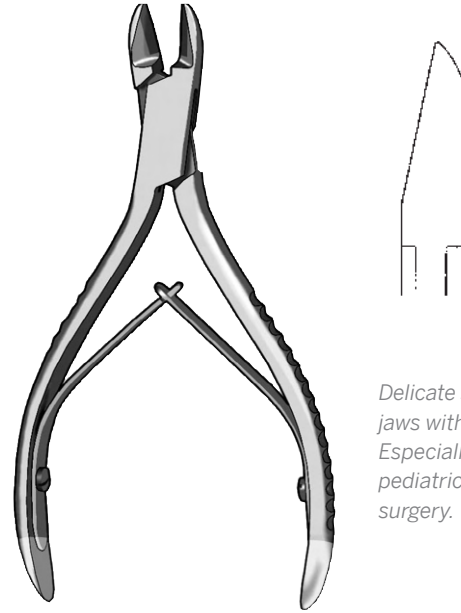
To Achieve the Best Results When Cutting Wires and Pins, Follow these Simple Steps:

- 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

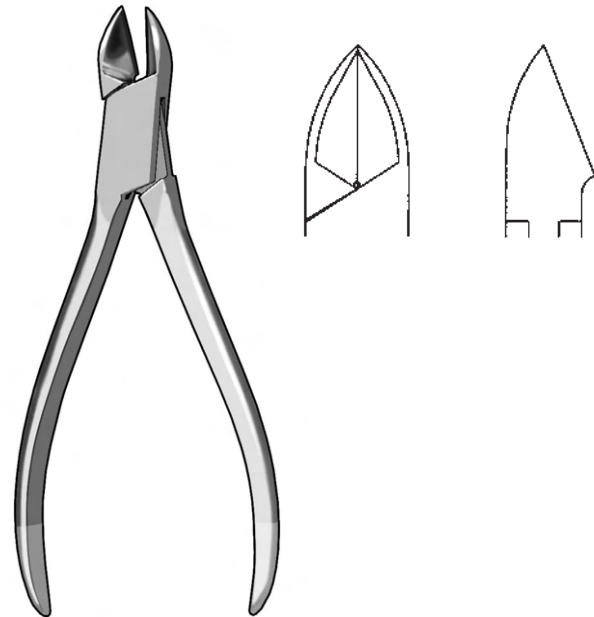
Modern rods and pins vary greatly in hardness and tensile strength. All maximum capacities noted are based on tests using standard strength implant material. Cutting material which exceeds our standard strength ratings, such as certain high strength spinal rods, may damage or shorten the life of cutting 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.



Delicate side-cutting jaws with carbide inserts. Especially useful for pediatric, foot and hand surgery.

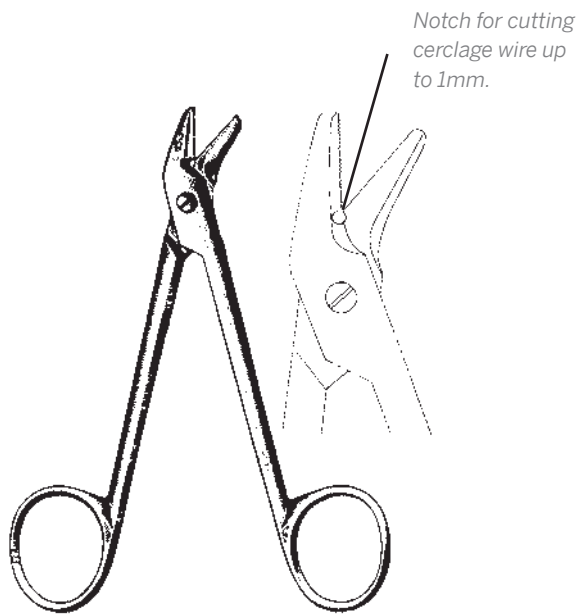
DELICATE WIRE CUTTER

OM 46-0622
4 3/4" (121mm)
side cutting
with carbide inserts
maximum capacity .028" (0.7mm)



K-Wire SIDE CUTTER

OM 49-0734
6" (152mm)
side cutting
welded carbide jaws
maximum capacity .045" (1.1mm)



WIRE CUTTING SCISSORS

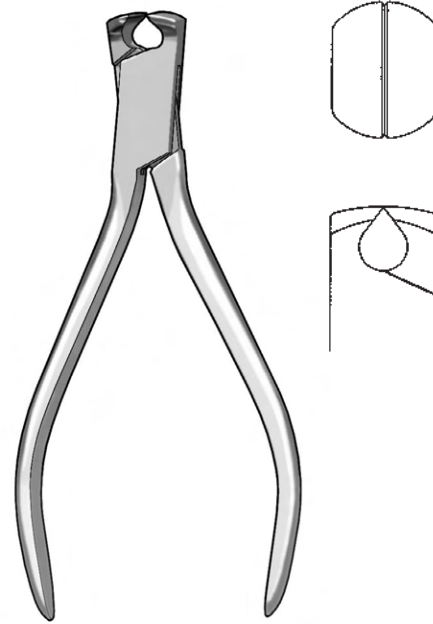
4 3/4" (121mm)

OM 35-0198

one serrated blade
angular

OM 35-0200

one serrated blade
angular, carbide

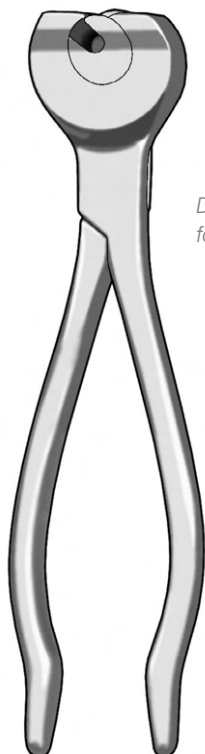


K-Wire END CUTTER

OM 49-0735

5 1/2" (140mm)

end cutting
maximum capacity .045" (1.1mm)



*Disassembles easily
for cleaning.*

DIAMOND PIN CUTTER

OM 46-0651

6 1/4" (159mm)

end cutting
maximum capacity 5/64" (2.0mm)

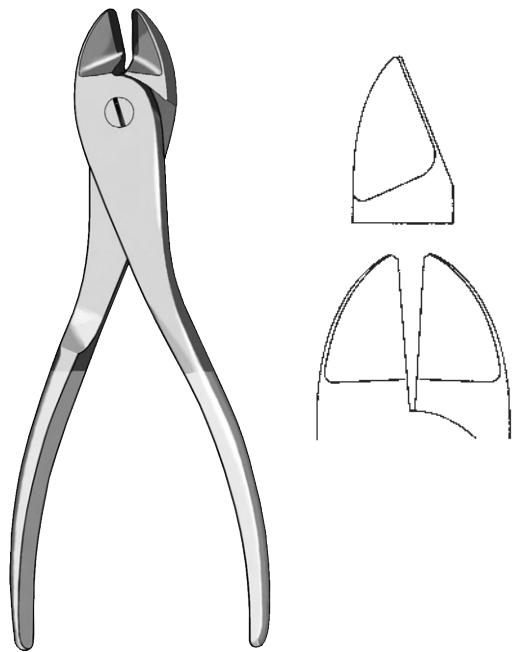


END CUTTER

OM 46-0649

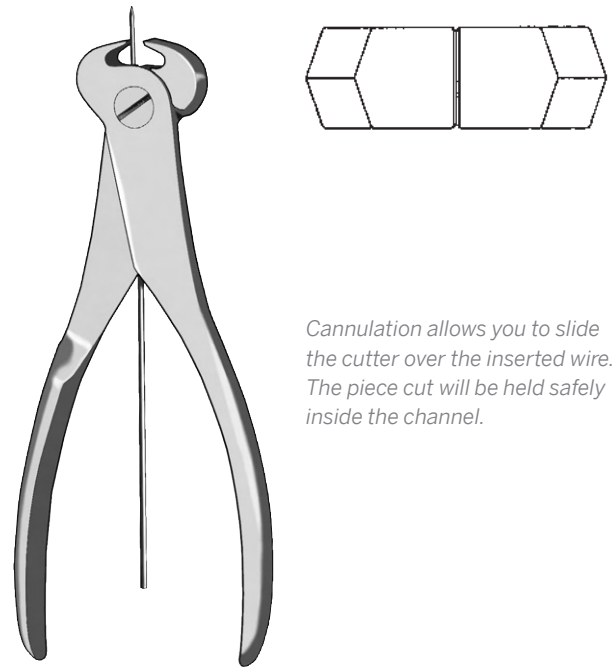
6" (152mm)

end cutting
welded carbide jaws
maximum capacity
.062" (1.6mm)



SIDE CUTTER

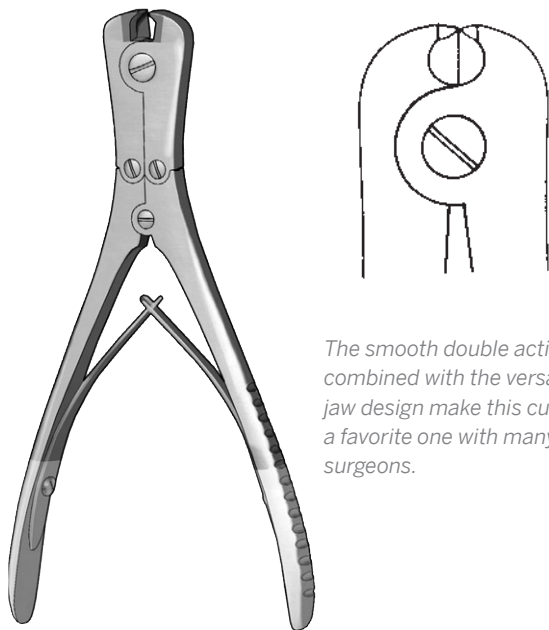
OM 46-0621
 7" (178mm)
 side cutting
 welded carbide jaws
 maximum capacity .062" (1.6mm)



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

CANNULATED PIN CUTTER

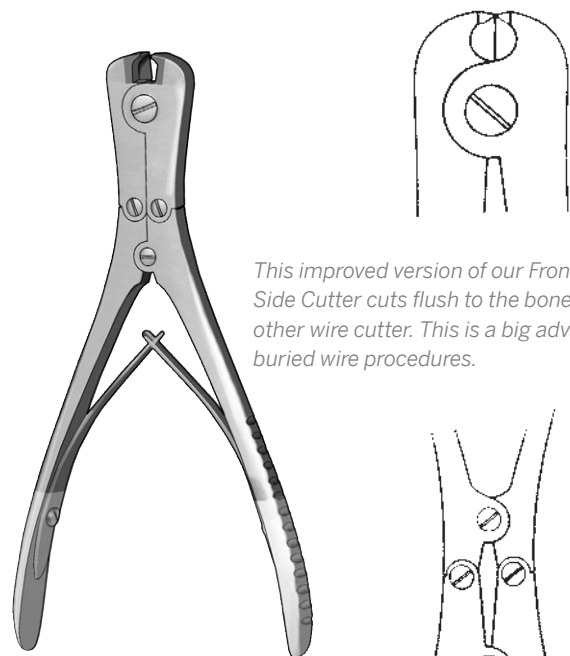
OM 46-0647
 7 1/2" (191mm)
 end cutting
 maximum capacity .062" (1.6mm)



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

FRONT AND SIDE WIRE CUTTER

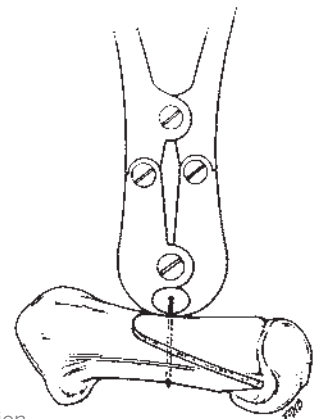
OM 46-0625
 7" (178mm)
 front and side cutting
 with carbide inserts, double action
 maximum capacity .062" (1.6mm)



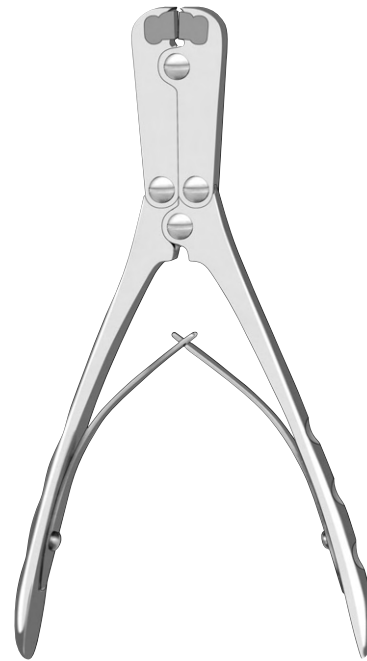
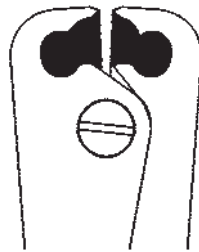
This improved version of our Front and Side Cutter cuts flush to the bone like no other wire cutter. This is a big advantage in buried wire procedures.

FLUSH WIRE CUTTER

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



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 silicone 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.

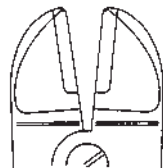
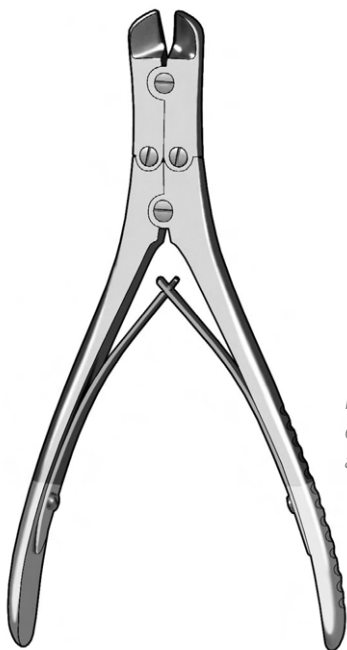


OM 49-0740
7" (178mm) front and side cutting
double action
maximum capacity .062" (1.6mm)
patent pending

OM 49-0740P
set of replacement
silicone inserts

WIRE CUTTER

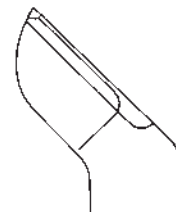
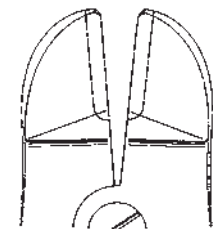
With safety inserts
Combines maximum leverage and optimum safety.



Narrow jaw makes this cutter a favorite with hand and foot surgeons.

DOUBLE ACTION WIRE CUTTER

OM 46-0623
7" (178mm)
angled, side cutting
with carbide inserts
maximum capacity .062" (1.6mm)



DOUBLE ACTION WIRE CUTTER

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



Over 40% less power required for pins and K-Wire of max. 2.2mm (3/32") exchangeable TC blades, exchangeable rubber jaws.

HERCULES WIRE CUTTER

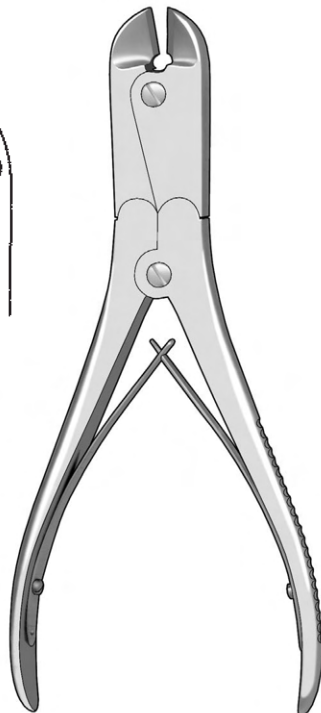
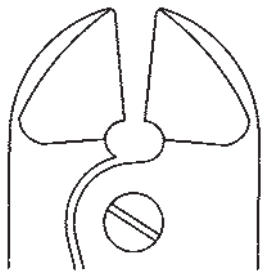
OM 85-0100
7" (178mm)



Over 40% less power required for K-Wire of max. 1.6mm (.062") exchangeable TC blades with integrated rubber jaws.

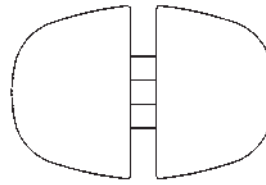
HERCULES FRONT AND SIDE CUTTER

OM 85-0105
7" (178mm)



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)

OM 85-0107
9" (230mm)
Maximum cutting capacity - 3mm wire



Over 40% less power required for pins and K-Wires. Exchangeable TC blades and rubber jaws.

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. Exchangeable TC blades and rubber jaws.

GOLD CUT HERCULES WIRE CUTTER

WIRE AND PIN CUTTERS

The Orthomed Rod cutter cuts 4.5mm (.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

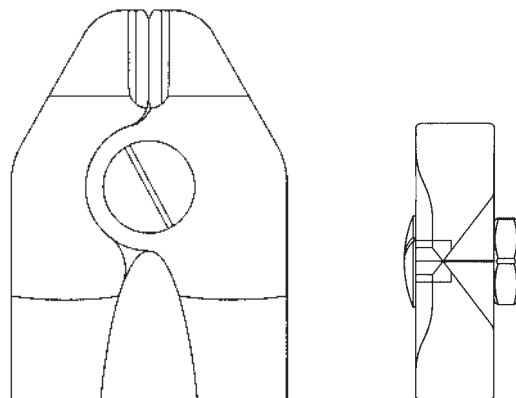
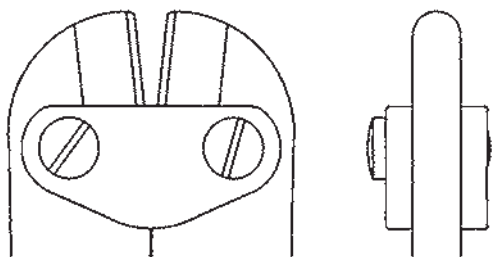
22" (559mm)

with detachable handles and silicone handle



BASE PLATE FOR ROD CUTTER

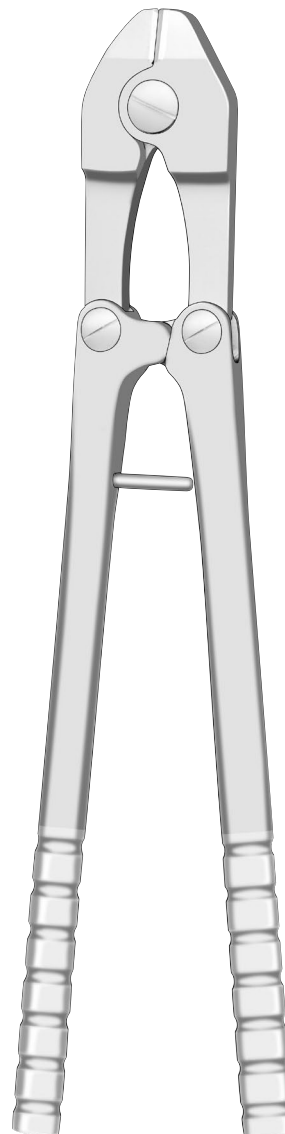
OM 60-0185



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

DOUBLE ACTION PIN CUTTER

OM 49-0800
 9 1/2" (241mm)
 side cutting
 maximum capacity 1/8" (3.2mm)

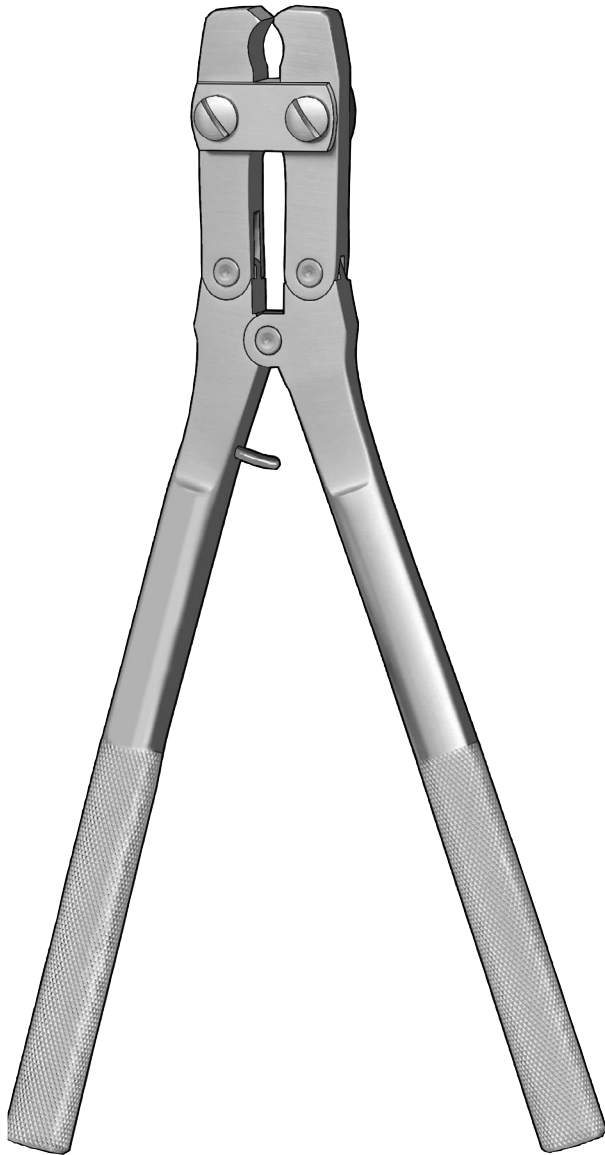
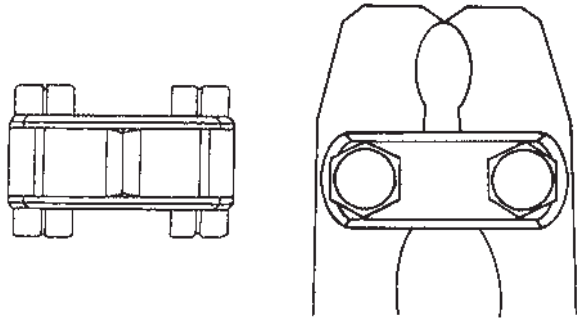


Heavy duty cutter for rods up to 4.0mm and heavy Steinmann pins.

Slightly angled jaws house long-lasting special carbide inserts for cutting hard titanium and stainless steel rods.

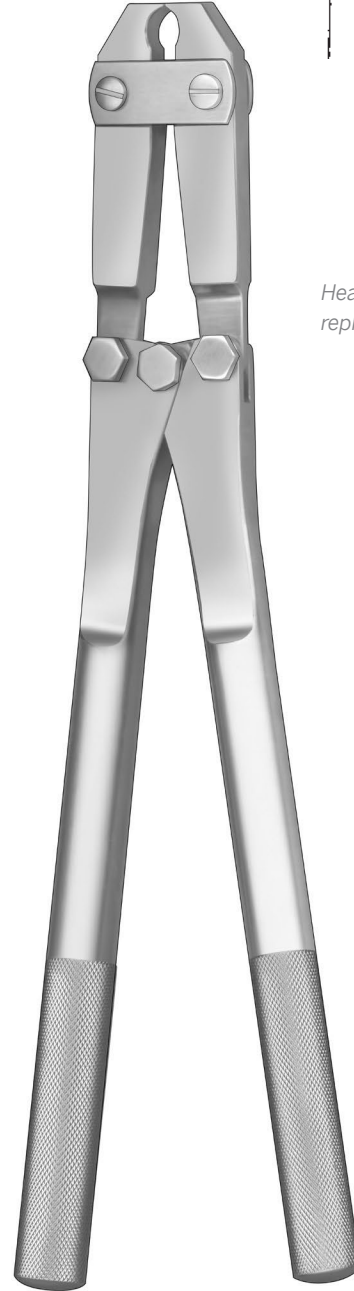
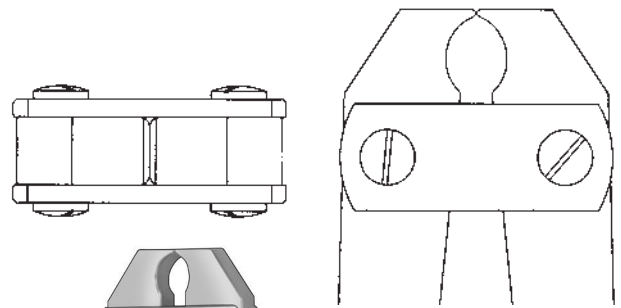
SIDE PIN CUTTER

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



PIN CUTTER (SMALL)

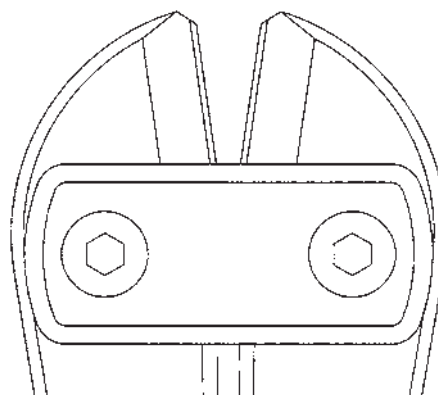
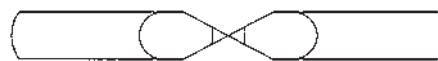
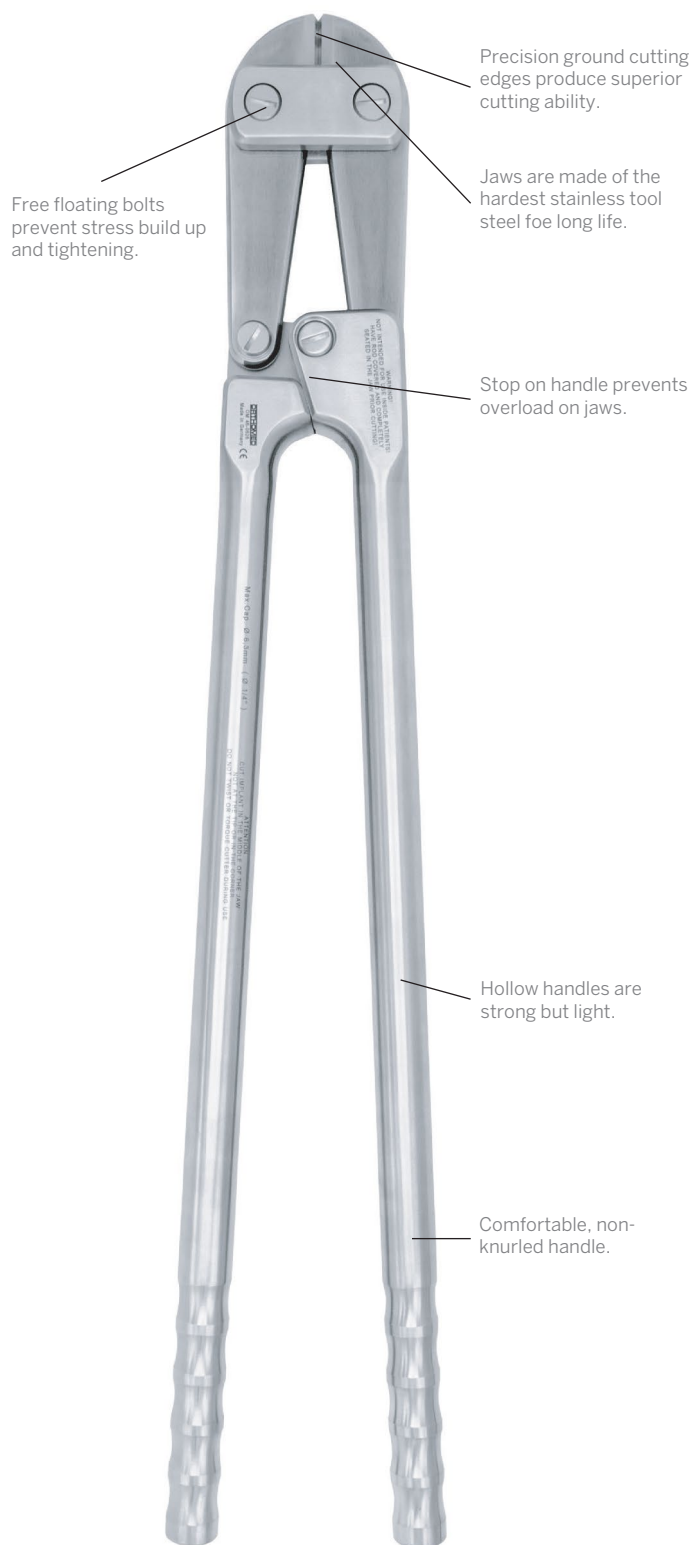
OM 46-0632
10" (254mm)
end cutting
maximum capacity 1/8" (3.2mm)



*Heavy duty cutters have
replaceable jaws.*

PIN CUTTER (MEDIUM)

OM 46-0633
16" (406mm)
end cutting
maximum capacity 3/16" (4.7mm)



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.

PIN CUTTER (LARGE)

OM 46-0626
22" (559mm)
side cutting
maximum capacity 1/4" (6.3mm)
patent pending



TABLE TOP ROD CUTTER

Provides an easy and safe way to cut spinal rods.
OM 46-0628
27" (689mm)
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").



All the benefits of a table top cutter in a hand-held model.

Cuts rods from:

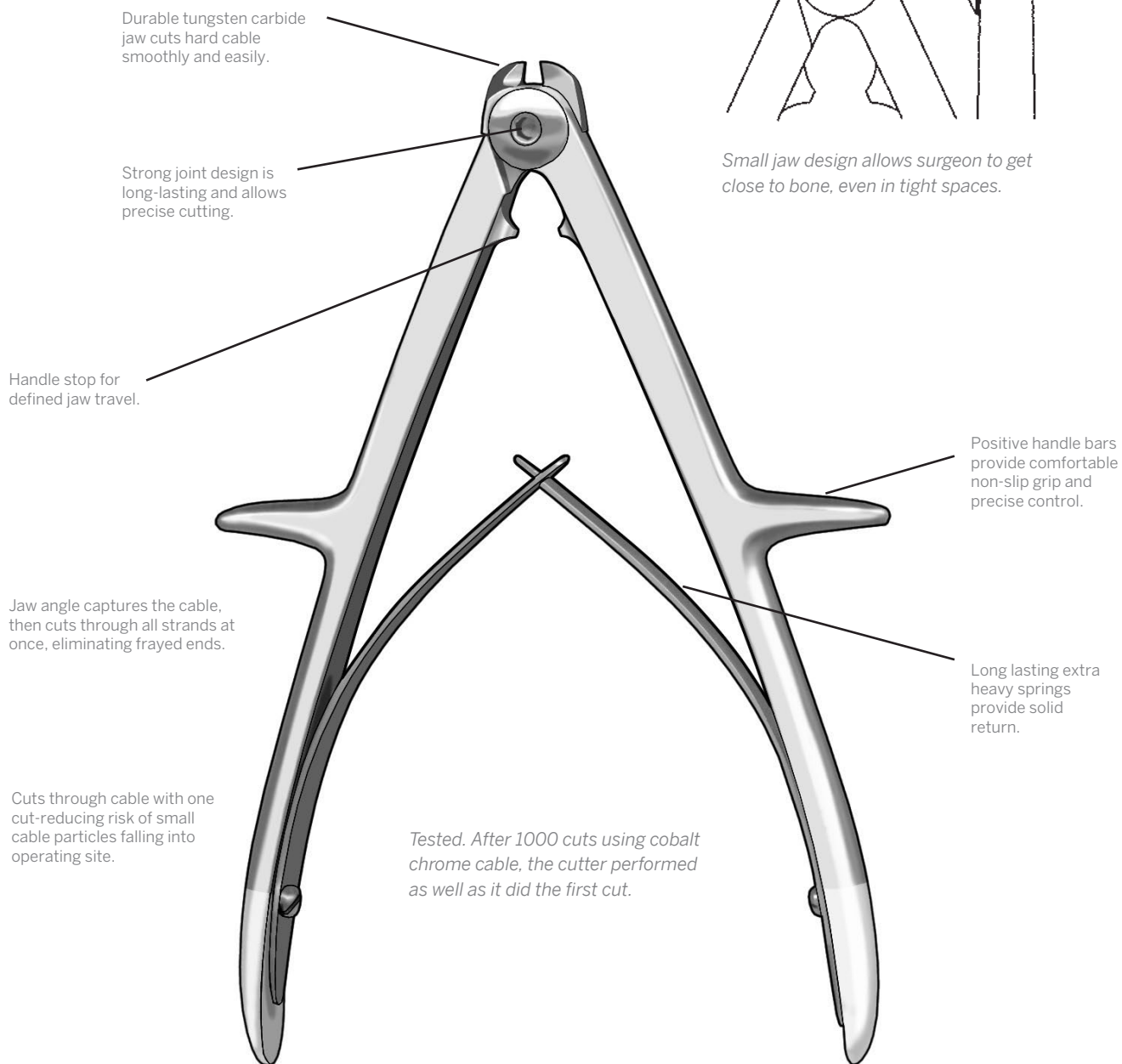
4.76mm (3/16") to 6.35mm (1/4")

HAND-HELD ROD CUTTER

OM 46-0635
27" (686mm)
stainless steel with silicone handle

Important:

This large cutter is not designed to be used inside the patient's body.



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

Note: This instrument should only be used for cutting cable. Lubricate joint to ensure proper function.

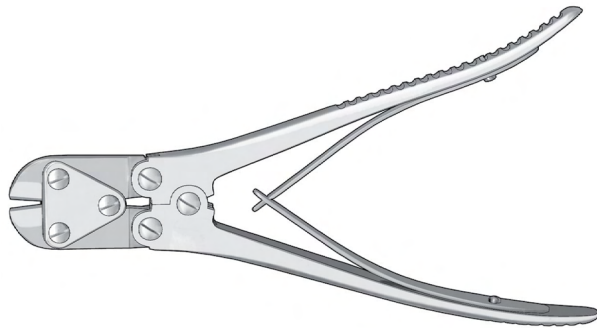
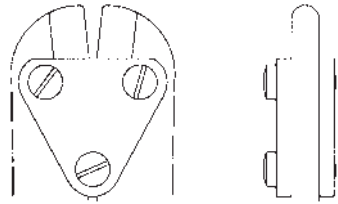


PLATE CUTTING FORCEPS

OM 47-0932
 9 1/2" (241mm)
 for cutting stainless steel
 mini plates up to 1mm

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



PIN PULLER

OM 47-0890 2.8mm to 3.2mm pins

ABOUT ORTHOMED PLIERS

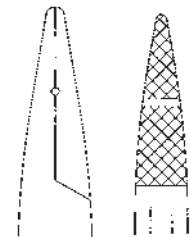
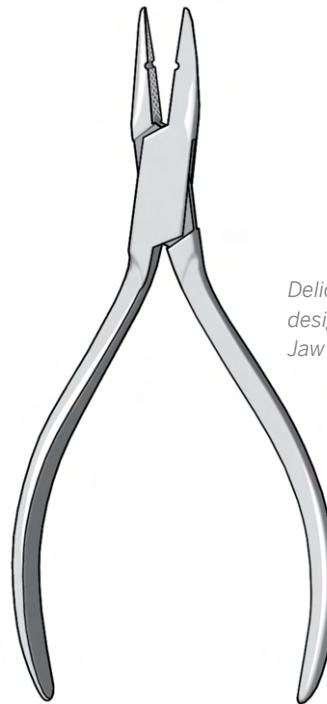
We manufacture a wide range of stainless steel pliers. Whether you are bending delicate 0.2mm cerclage wire or removing a 3.2mm Steinmann Pin, we make a pair of pliers to handle the job.

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

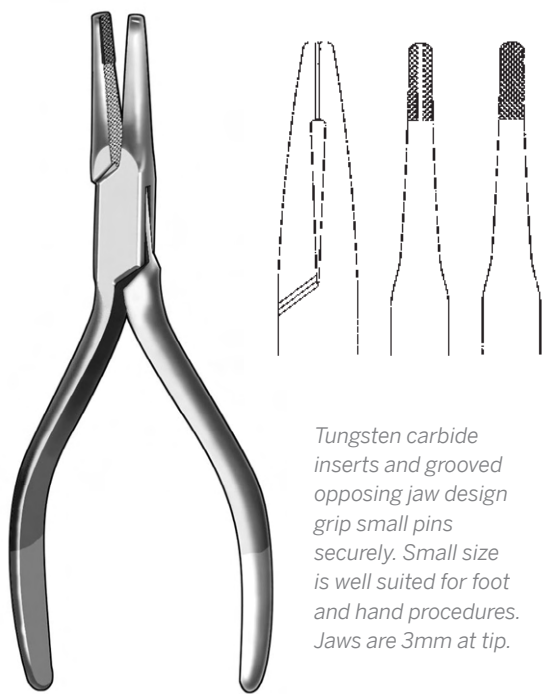
They are built to last! Our instruments are made from the finest German stainless steel. Unlike inferior "hardware store" quality, our pliers won't chip or contaminate fine surgical instruments.



*Delicate needle nose jaws specifically
 designed to handle cerclage wire.
 Jaw tapers to 1mm.*

NEEDLE NOSE PLIERS

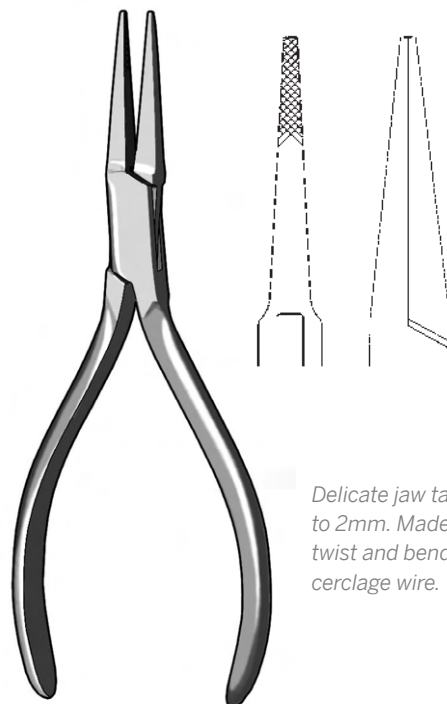
OM 48-0242
 5 1/2" (140mm)
 delicate



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.

PIN PULLING PLIERS

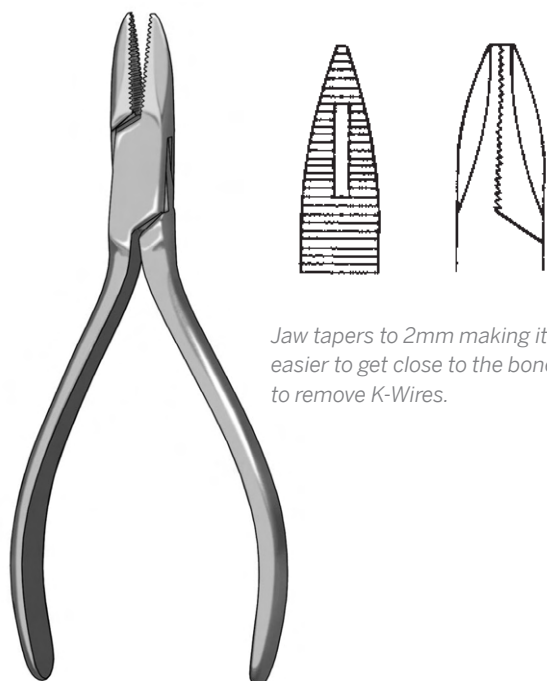
OM 46-0578
5 1/2" (140mm)
with tungsten carbide inserts
3mm tip



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

FLAT NOSE PLIERS

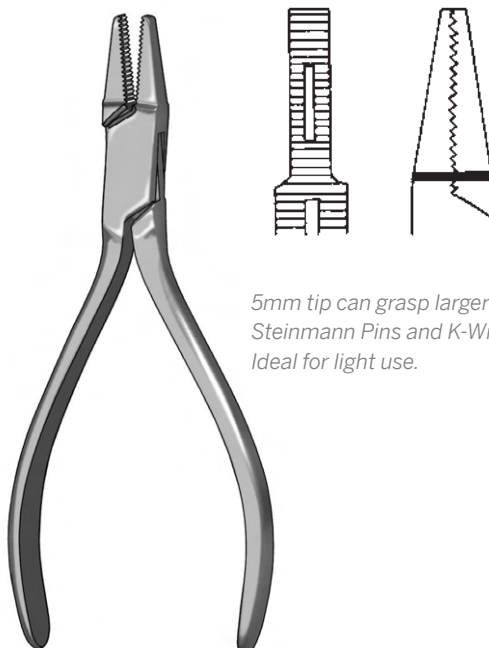
OM 48-0248
6" (152mm)
delicate
2mm tip



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

NEEDLE NOSE PLIERS

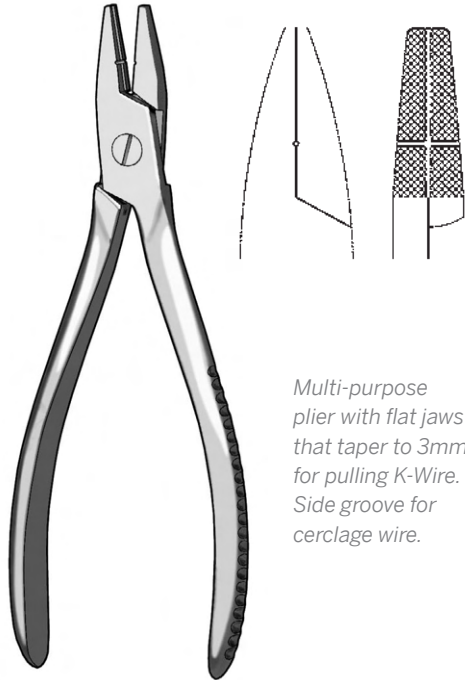
OM 48-0245
5 1/2" (140mm)
2mm tip



5mm tip can grasp larger Steinmann Pins and K-Wires. Ideal for light use.

FLAT NOSE PLIERS

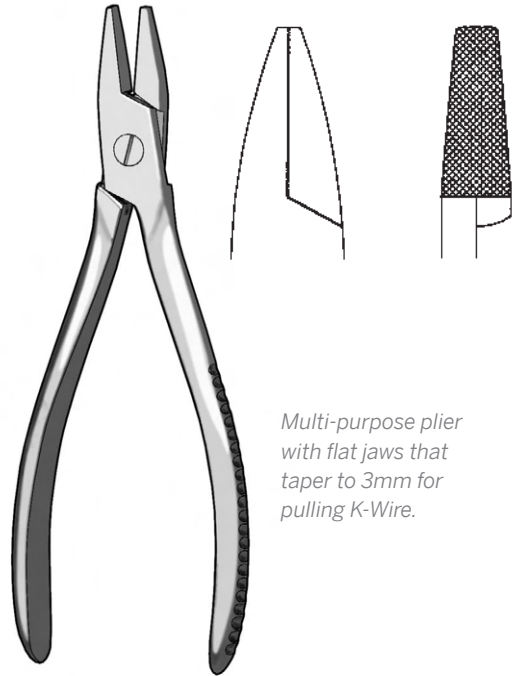
OM 48-0246
5 1/2" (140mm)
broad
5mm tip



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

FLAT NOSE K-Wire PLIERS

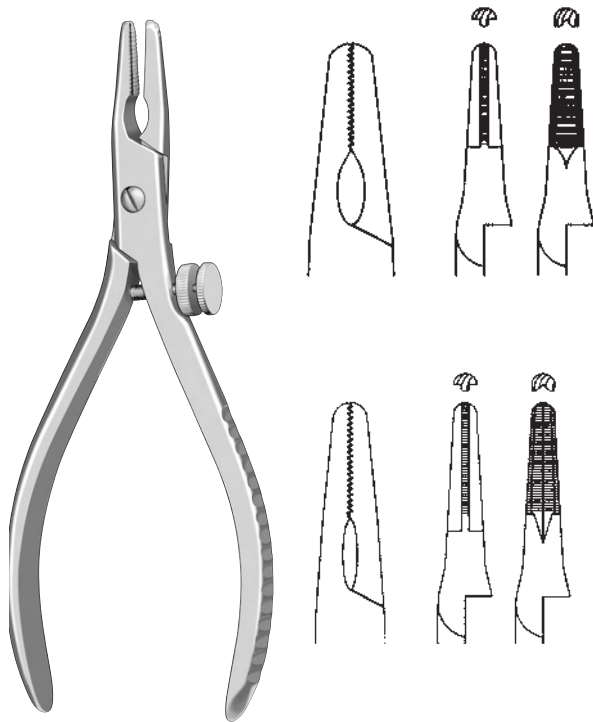
With groove
OM 48-0254
7" (178mm)
3mm tip



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

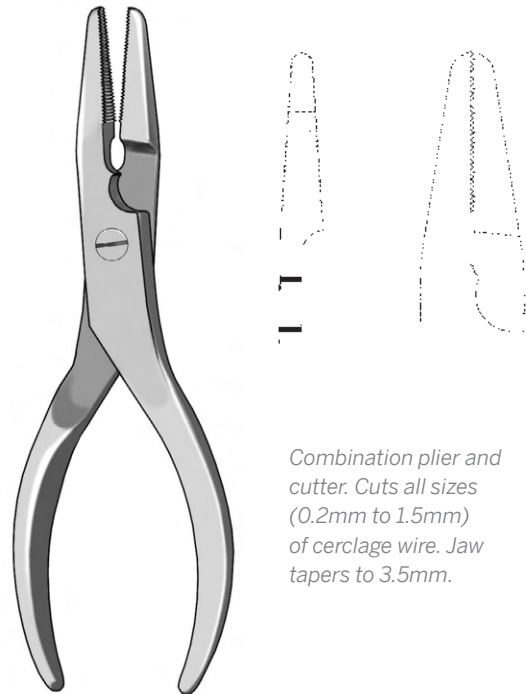
FLAT NOSE K-Wire PLIERS

OM 48-0256
7" (178mm)
3mm tip



K-Wire EXTRACTION PLIERS

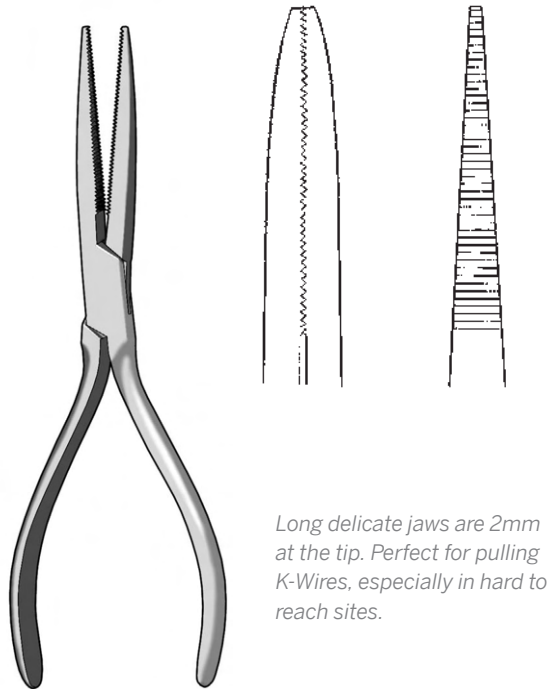
With screw lock
OM 48-0257 5" (127mm) 3mm tip
OM 48-0258 7" (178mm) 4mm tip



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

FLAT NOSE PLIERS

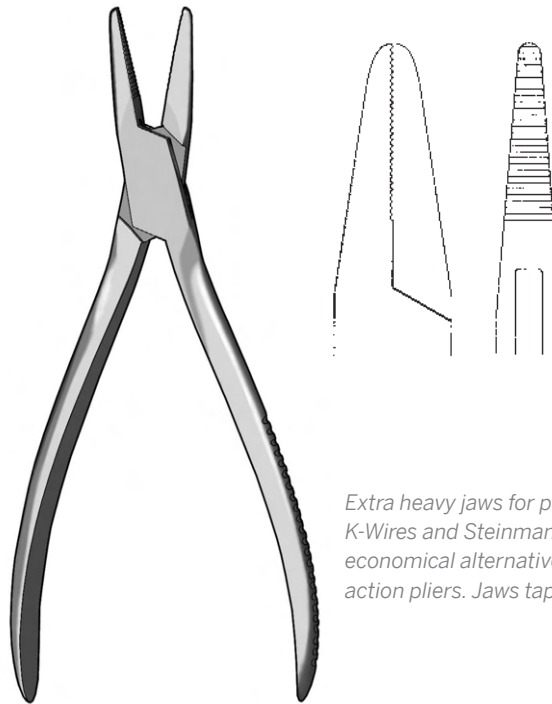
OM 48-0243
6 1/2" (165mm)
3.5mm tip



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

LONG JAW NEEDLE NOSE PLIERS

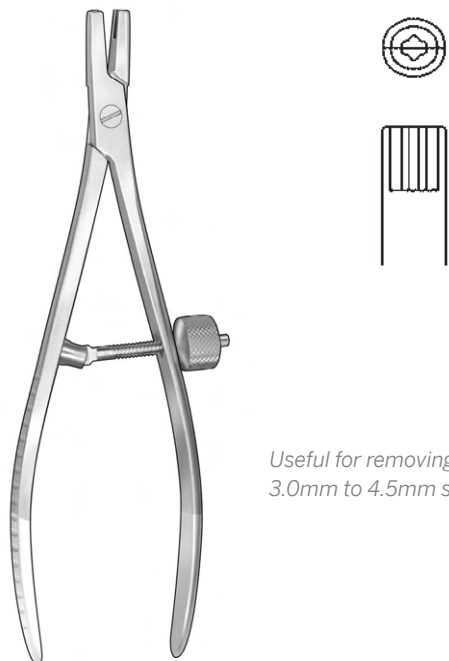
OM 48-0250
7" (178mm) parallel grooved jaws
jaw length: 2 1/4"
2mm tip



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

NARROW NOSE WIRE PULLING FORCEPS

OM 48-0253
7 1/2" (191mm)
3mm tip



Useful for removing 3.0mm to 4.5mm screws.

SCREW REMOVAL FORCEPS

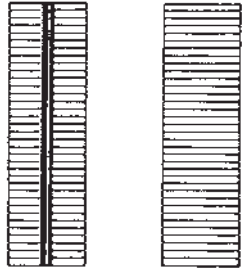
With speed lock
OM 49-0920
7" (178mm)
with carbide inserts



Combination pliers and wire cutter. An economical, general purpose instrument

LINEMAN PLIERS

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

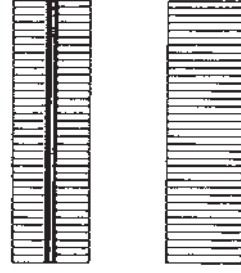


Parallel grooved 10mm jaws provide enormous gripping power. Ideal for pin removal.



PARALLEL PLIERS

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



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).

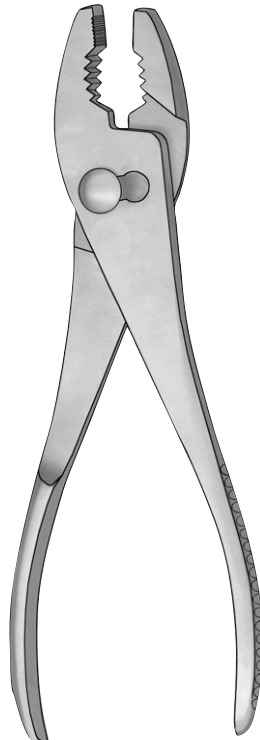


PARALLEL PLIERS

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



Traditional design utility pliers have adjustable jaws. Good all purpose plier for handling Steinmann Pins, K-Wires, screws, and rods. 10mm jaw tip.



SLIP JOINT PLIERS

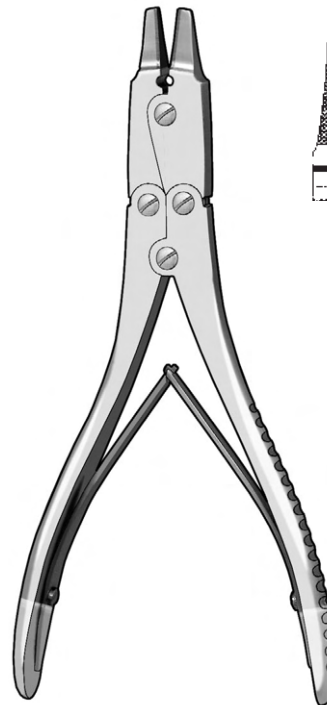
OM 48-0262
8" (203mm)
10mm tip
maximum opening 2"



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.



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



OM 15-0355

T HANDLE TORQUE LIMITER

10nm 6" 5 1/2" (140mm)



TORQUE LIMITER



Full line of silicone T or Straight (in-line) handles in a variety of sizes. Standard or custom colors. AO, Hudson, 1/4", 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

SILICONE T HANDLE



OM 14-0455A

BLACK SILICONE T HANDLE RATCHET

4.8" (123MM)



ROD HOLDER

OM 49-0708
5.5mm rods 7 ¼" Str.



ROD HOLDER FOR RODS

OM 60-0230
6.0-6.35mm

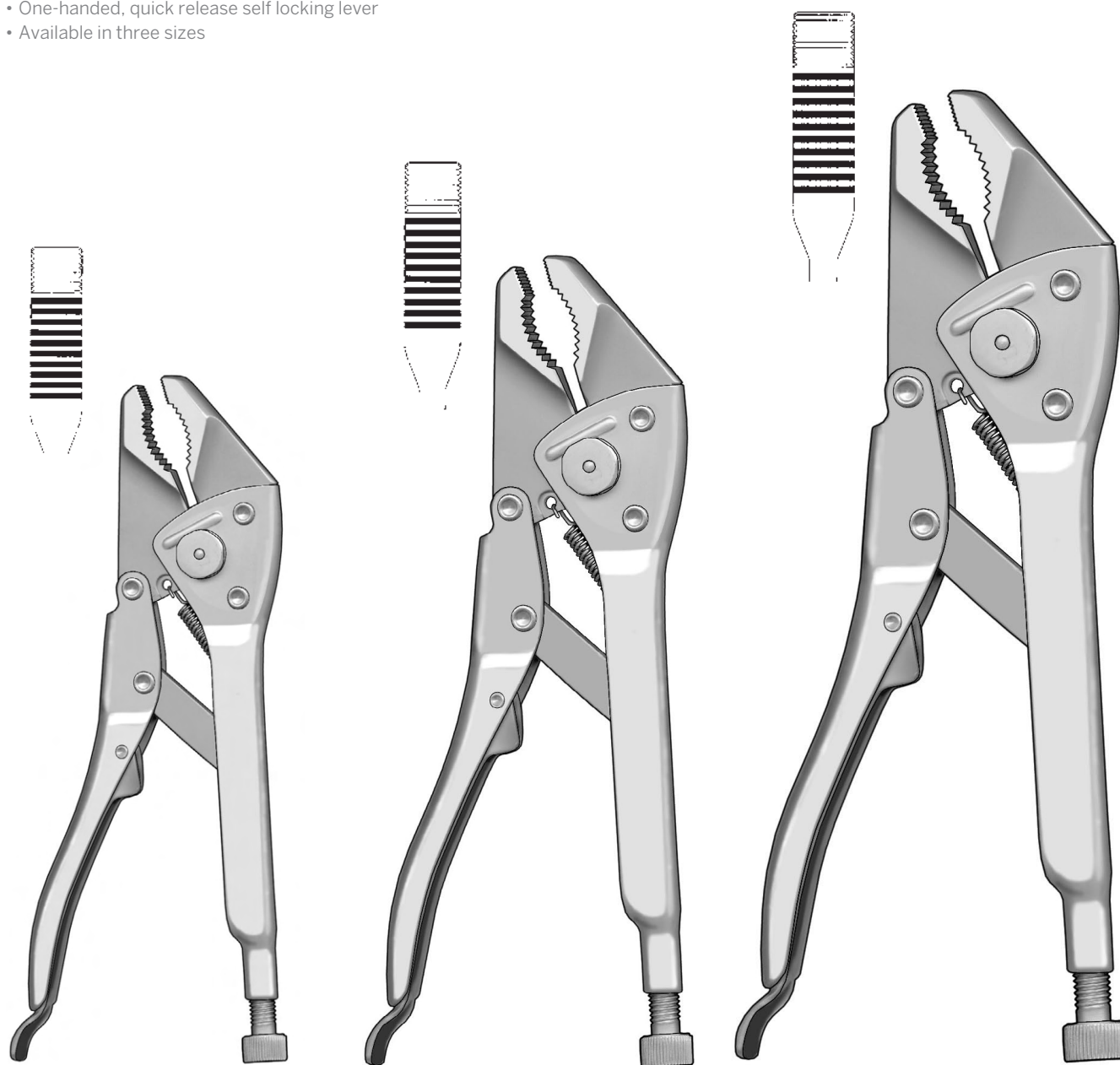


ROD HOLDER

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"

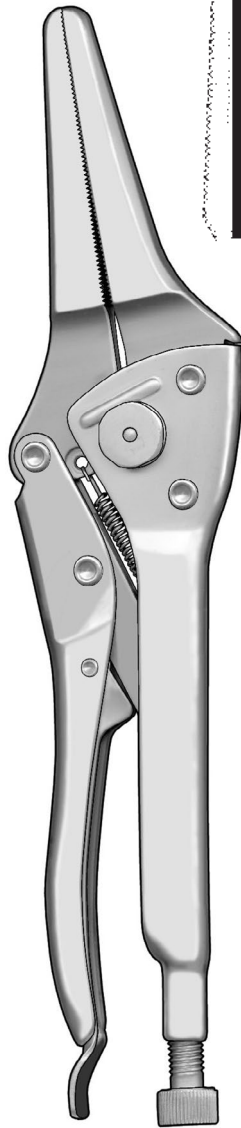
LARGE LOCKING PLIERS

OM 48-0608
10" (254mm)
tip width 13mm
maximum opening 1 1/2"

LOCKING PLIERS

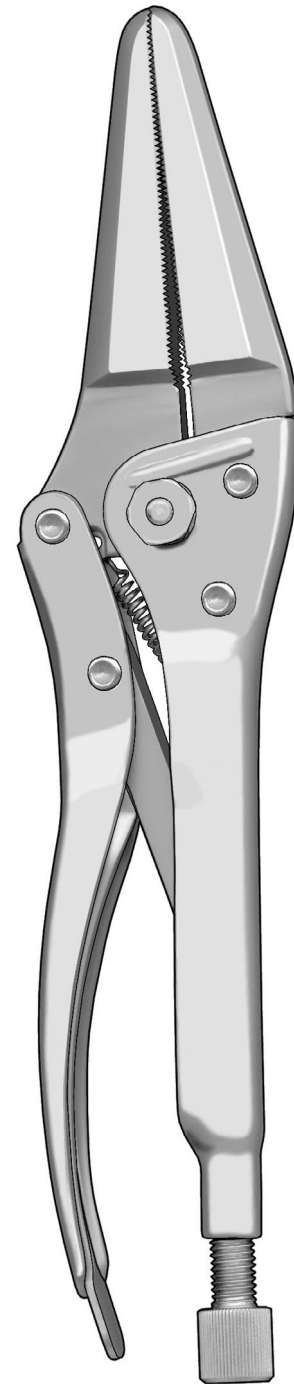
NEEDLE NOSE LOCKING PLIERS
WITH A NEW REINFORCED,
MORE DURABLE JAW.

- 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

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 prostheses 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 SLAPHAMMER

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

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

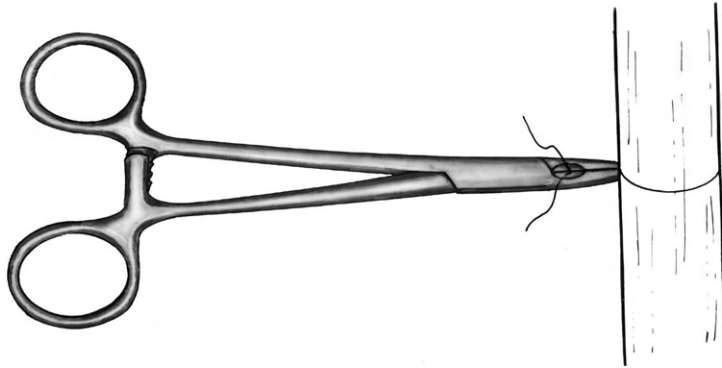
OM 48-0616
10" (254mm) large
end and side attachments



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

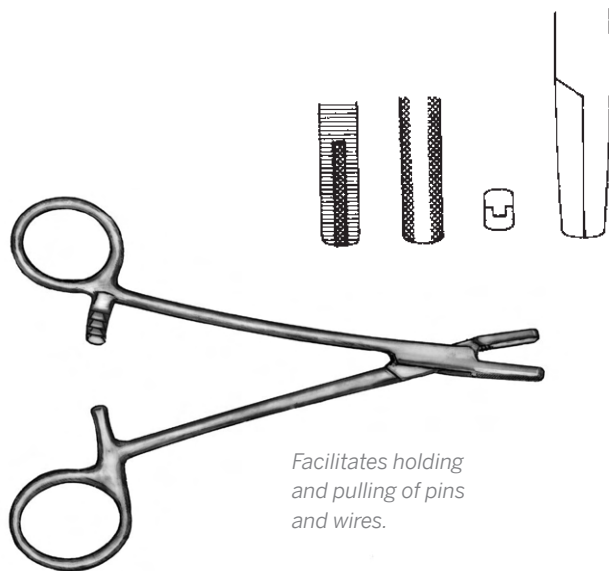


Follow these easy steps to twist and tighten cerclage wire:

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.

WIRE TWISTER AND TIGHTENER

OM 69-0846
6 1/4" (159mm)



Facilitates holding and pulling of pins and wires.

WIRE PULLING FORCEPS

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



WIRE TWISTING FORCEPS

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



Carbide inserts provide a slide-proof grip on cerclage wire. Very useful in wiring femurs or greater trochanter.

WIRE TWISTING FORCEPS

OM 48-0322
8" (203mm)
with carbide inserts
4mm tip



Carbide inserts provide a slide-proof grip on cerclage wire. Very useful in wiring femurs or greater trochanter.

WIRE TWISTING FORCEPS

OM 48-0324
7 1/4" (184mm)
with carbide inserts
6mm tip



WIRE TIGHTENER

OM 46-0618
4 3/4" (121mm)

Useful for cerclage work in deep and restricted areas. Disassembles easily for cleaning.



LOUTE WIRE TIGHTENER

OM 46-0619
8 1/2" (216mm)
maximum capacity: 1.5mm
17 gauge cerclage wire

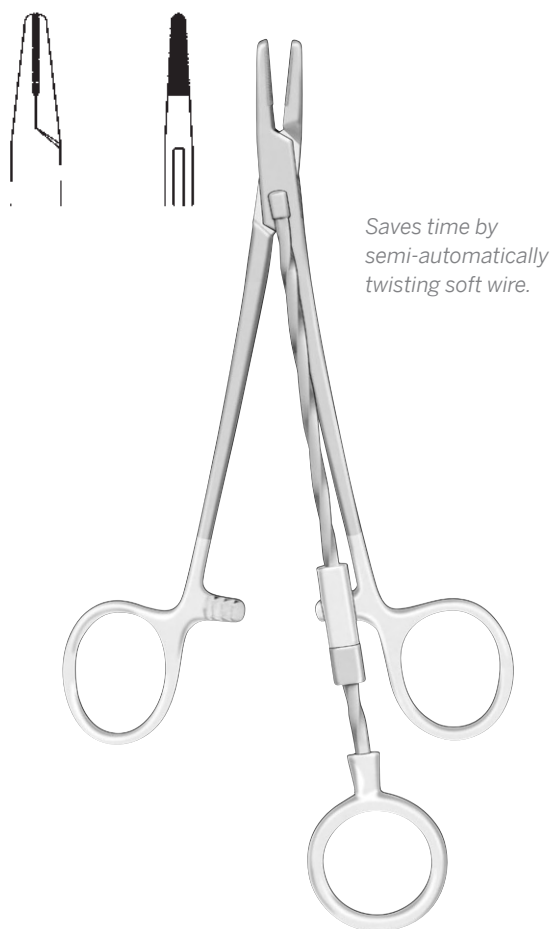
How to Use the Loute Wire Tightener

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

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.

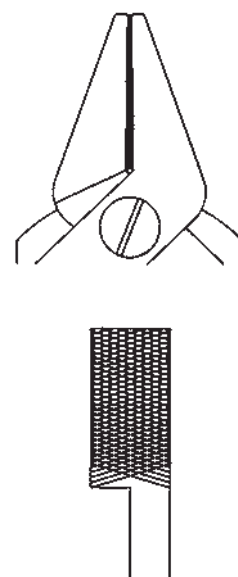


Saves time by semi-automatically twisting soft wire.

CORWIN WIRE TWISTER

OM 46-0582
6 1/4" (159mm)
with carbide inserts

This time-saving instrument twists wire quickly and smoothly.



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.

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.

JET WIRE TWISTER

OM 49-0810
11" (179mm)
10mm tip



Cannulation allows for easy feeding of wire around the bone.

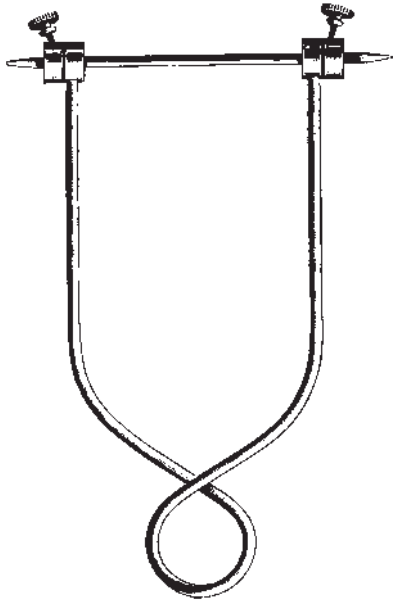
WIRE PASSER (CANNULATED)

OM 48-0386 7" (178mm) 45mm diameter
 OM 48-0388 9 1/2" (241mm) 70mm diameter



DEMEL 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



WIRE AND PIN TRACTOR (BOEHLER)

	inside length	inside width	pin included	pin size and dia.
OM 48-0326 small	90mm	75mm	OM 71-0432	5" 2.4mm
OM 48-0328 medium	160mm	90mm	OM 71-0434	7" 3.2mm
OM 48-0330 large	210mm	150mm	OM 71-0525	9" 4.0mm

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



KIRSCHNER BOW

		max. jaw opening
OM 48-0270	5 3/4" (146mm) small	5" (127mm)
OM 48-0272	7 1/2" (191mm) large	8 1/2" (216mm)
OM 48-0274	9 1/2" (241mm) extra large	10" (254mm)

Note: Each Kirschner bow comes with three hooks.