

Castroviejo

Micro pattern, with slightly blunted tips.



Straight
9 cm

With lock
No. 12060-01

Without lock
No. 12060-02



Curved
9 cm

With lock
No. 12061-01

Without lock
No. 12061-02

Round Handled Needle Holder with Suture Cutter

Round handles allow easy fingertip adjustments.



Cautionary note:
Never use a micro needle holder with needles that are too thick, as this can easily damage the fine jaws. Use only micro needles of less than 0.2 mm diameter (see page 116).



Curved
Cutting edge: 3.5 mm
14 cm

Without lock
No. 12075-14

Round Handled Needle Holder

Round handles allow easy fingertip adjustments.



Straight
12.5 cm

With lock
No. 12075-12

Without lock
No. 12076-12

Mathieu

Extra slim and narrow profile, with squeeze-lock.
Facilitates excellent wrist motion for suturing.



14 cm

With lock
No. 12010-14



With tungsten carbide jaws
14 cm

With lock
No. 12510-14

**TUNGSTEN
CARBIDE**

For more information
see page 183.

Castroviejo with Tungsten Carbide Jaws



**TUNGSTEN
CARBIDE**

For more information
see page 183.



With tungsten carbide jaws
14 cm

With lock
No. 12565-14

Halsey



Smooth
13 cm

No. 12001-13



With tungsten
carbide jaws
13 cm

No. 12501-13

**TUNGSTEN
CARBIDE**

For more information
see page 183.

Halsey with Tungsten Carbide Jaws



**TUNGSTEN
CARBIDE**

For more information
see page 183.



With tungsten
carbide jaws
12.5 cm

No. 12500-12

NEEDLE HOLDERS

**MOST
POPULAR**

Olsen-Hegar with Suture Cutter



10 mm cutting edge
1.5 mm jaw surface
12 cm

15 mm cutting edge
2 mm jaw surface
14 cm

MOST POPULAR

No. 12002-12

No. 12002-14



No. 12102-12

Olsen-Hegar with Suture Cutter and Tungsten Carbide Jaws



TUNGSTEN CARBIDE

For more information see page 183.



With tungsten carbide jaws
10 mm cutting edge
1.5 mm jaw surface
12 cm

With tungsten carbide jaws
15 mm cutting edge
2 mm jaw surface
14 cm

No. 12502-12

No. 12502-14



No. 12512-12

NEEDLE HOLDERS

Crile-Wood



15 cm

No. 12003-15



With tungsten carbide jaws
15 cm

No. 12503-15

**TUNGSTEN
CARBIDE**

For more information
see page 183.



No. 12504-15

Mayo-Hegar



16 cm
No. 12004-16

18 cm
No. 12004-18

**Slim Elongated Needle Holder
with Tungsten Carbide Jaws**

Ryder Mini-Select Needle Holder

This needle holder has been uniquely fashioned with tungsten carbide dust tips, giving the clamping platform an extra secure grip.



**TUNGSTEN
CARBIDE**

For more information
see page 183.

Side View



With tungsten
carbide jaws
15 cm

No. 12005-15



**TUNGSTEN
CARBIDE**

For more information
see page 183.



With tungsten
carbide dust tips
15 cm

No. 12505-15

NEEDLE HOLDERS

Microsurgical Needles with Suture Thread Attached

The combination of proprietary needle design technology and state-of-the-art manufacturing techniques has enabled S&T to provide a microsurgical needle that is unmatched in the industry. S&T microsurgical needles provide frictionless tissue penetration. They are inspected under the microscope at critical stages during the manufacturing process, and a multi-point final inspection of each suture and needle combination ensures a high quality product. The suture-to-needle attachment is tested to higher standards than the USP specifications.

Features:

- Needle and thread combination comprising of non-absorbable black nylon polyamide monofilament thread and stainless steel 3/8 circle needle. Nylon is suitable for closing ophthalmic, neurological and microvascular wounds.
- 3/8 circle precision taper point. Stainless steel needle honed under microscope by hand. Superfine round tip with flattened body to improve stability in needle holder. Easy penetration. Precise stitch placement.
- Grinding geometry and suture needle attachment are directed toward frictionless tissue penetration.
- Each needle suture combination is individually packed and sealed in a peel-open blister pack.

Sterile

Pkg. of 12 disposable units



400% of actual size

No. 12051-11



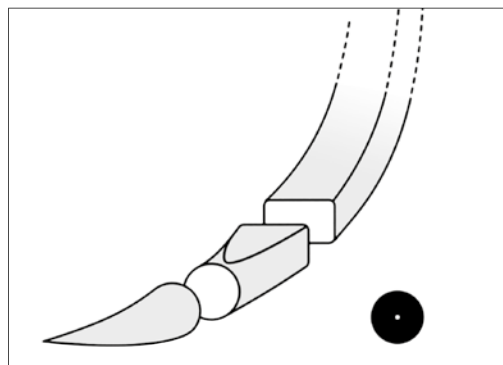
No. 12051-10



No. 12051-09



No. 12051-08



Standard taper point needle



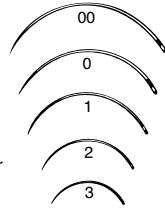
Suture size	Suture length (cm)	Needle diameter (micron)	Needle diameter (mm)	Needle chord length (mm)	Circle	Arch (mm)	Item
11/0	10	50	0.05	3	3/8	3.8	No. 12051-11
10/0	10	70	0.07	3	3/8	3.8	No. 12051-10
9/0	15	100	0.1	4	3/8	5.1	No. 12051-09
8/0	15	140	0.14	5	3/8	6.4	No. 12051-08

Suture Needles

Polished stainless steel
 3/8 curved
 Round with standard eye
 Diameter 0.35 mm
 Suitable for sutures up to 0.32 mm diameter

Non-sterile

Pkg. of 12 needles



Size	Item
00	No. 12050-20
0	No. 12050-10
1	No. 12050-01
2	No. 12050-02
3	No. 12050-03

Silk Suture

Silk suture has a smooth flow through tissue while maintaining knot security.

Braided silk

Non-sterile



Size	Diameter (mm)	Spool length (m)	Item
7/0	0.05	91	No. 18020-70
6/0	0.08	23	No. 18020-60
5/0	0.12	23	No. 18020-50
4/0	0.17	23	No. 18020-40
3/0	0.22	23	No. 18020-30
2/0	0.32	23	No. 18020-20
0	0.37	23	No. 18020-00
1	0.45	23	No. 18020-01
2	0.55	23	No. 18020-02
3	0.65	23	No. 18020-03

For Suture Tying Forceps, see pages 76, 77 and 78.

Nylon Monofilament Suture

Nylon is known for its uniform diameter flexibility and outstanding consistent knot security.

Nylon monofilament

Non-sterile



Size	Diameter (mm)	Spool length (m)	Item
8/0	0.04	91	No. 18030-80
7/0	0.05	91	No. 18030-70
6/0	0.07	91	No. 18030-60
5/0	0.10	91	No. 18030-50
4/0	0.15	91	No. 18030-40
3/0	0.20	91	No. 18030-30

SUTURES

Suturing Principles and Techniques in Laboratory Animals

Introduces the basic principles, materials and surgical instruments required for suturing and wound closure used on animals. The manual provides descriptions and pictures portraying proper tissue handling and aseptic technique, correct hand placement and use of surgical instruments, proper needle placement on needle holders, and provides an in-depth explanation of various suture patterns and associated principles for proper knot tying during wound closure. The DVD provides descriptive narrative and step-by-step video demonstrations for each of the suturing techniques.

Manual and DVD



Includes: Fine Science Tools Item Number Reference Page for all surgical instruments used in the manual.

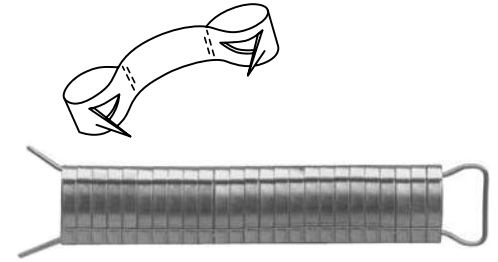
No. 23005-10

SUTURE BOOK/DVD

Michel Suture Clips

Anti-magnetic, acid-resistant stainless steel
Pkg. of 1,000 clips

Size (mm)	Item
7.5 x 1.75	No. 12040-01
11 x 2	No. 12040-02
12 x 2.5	No. 12040-03



Applying Forceps



For all Michel suture clips
12.5 cm

No. 12018-12

Applying and Removing Instruments



For clip sizes 12040-02 and larger
Curved
13 cm

No. 12028-12



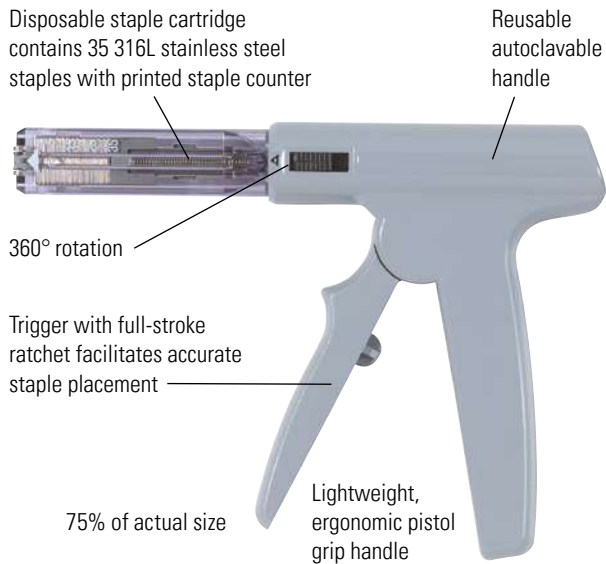
For clip size 12040-01 only
Angled
13 cm

No. 12029-12

SUTURE CLIPS

Reloadable Skin Stapler with Rotating Head

The 360° degree swivel nose and unique design offers maximum visibility at the delivery point. The stainless steel staples are non-sterile and feature a patented staple design which make for quick and easy removal. The disposable staple cartridge includes a printed staple counter. **The handle is reusable and autoclavable. Staples are non-sterile. Components sold separately or as a kit.**



Surgical staple kit

- 1 Handle
- 1 Remover
- 12 Disposable staple cartridges

No. 12030-20

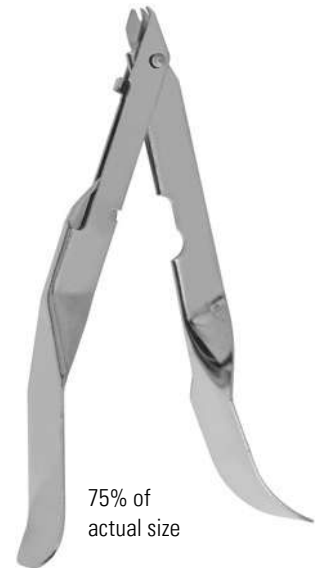
Single disposable cartridge
35 staples per cartridge
No. 12030-22

12 disposable cartridges
35 staples per cartridge
No. 12030-23

Handle
No. 12030-01

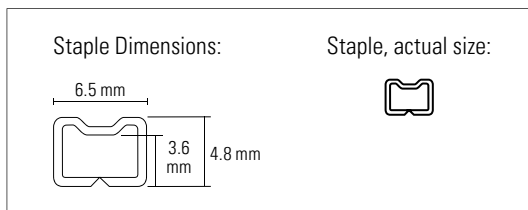
Surgical Staple Remover

Compatible with Reloadable Skin Stapler with Rotating Head and Manipler® Skin Stapler.



75% of actual size

10 cm
No. 12030-04



SKIN STAPLERS

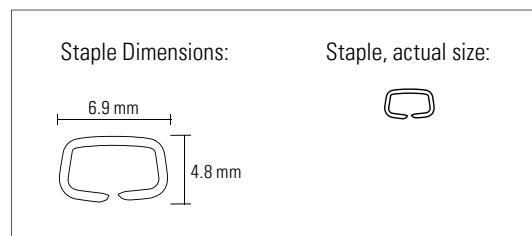
Manipler® Skin Stapler

Quality, slim, lightweight design with consistent actuation and staple count indicator. **Disposable, sterile, and not autoclavable.**

15 cm
35 staples per cartridge
No. 12035-00



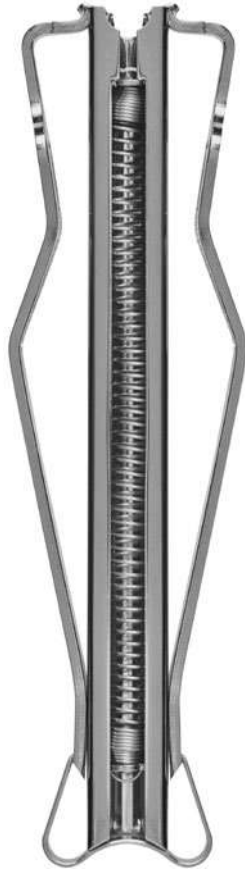
75% of actual size



AutoClip® System

The AutoClip® System is a safe, secure method of wound closure. Faster and easier than suture, this system is perfect when staples may be too thin to provide adequate closure. **Non-sterile and not autoclavable. Components sold separately or as a kit.**

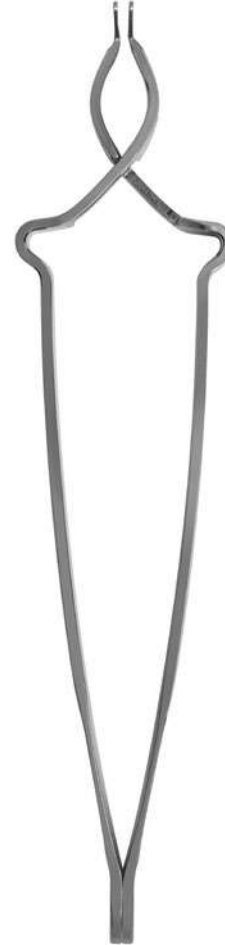
MOST POPULAR



Applier



Clips



Remover

AUTOCLIP SYSTEM

AutoClip® Kit

- 1 Applier
- 9 mm clips (100)
- 1 Remover
- Storage case

No. 12020-00

AutoClip® applier
11.5 cm

No. 12020-09

AutoClip® 9 mm clips
Pkg. of 100 clips

No. 12022-09

AutoClip® remover
12.5 cm

No. 12023-00