

Beaver® Safety Knives

Beaver® Safety Knives are designed to deliver exceptional precision, sharpness and consistency. These safety-engineered, single-use knives are designed to minimize the risk of accidental surgical blade injuries that could occur during all phases of a surgical procedure: before use, during passing, between steps of the procedure, after use, or during disposal.

Beaver® Safety Knives represent a significant advance in the area of safety-engineered ophthalmic surgical products. The knives feature an easy-to-use, retractable safety shield designed to protect the user from the risk of sharps injuries.

Beaver® Xstar® Safety Slit Knives*



The Beaver® Xstar® Safety Slit Knife is available in a wide range of sizes designed for smooth penetration and accurate incision width. 10 per box.



Single Bevel	Double Bevel	Description
378214	–	1.4 mm, 45 degrees
378215	–	1.5 mm, 45 degrees
378217	–	1.7 mm, 45 degrees
378218	–	1.8 mm, 45 degrees
378220	–	2.0 mm, 45 degrees
378222	378822	2.2 mm, 45 degrees
378224	378824	2.4 mm, 45 degrees
370145	378825	2.5 mm, 45 degrees

Single Bevel	Double Bevel	Description
370146	–	2.6 mm, 45 degrees
–	378826	2.65 mm, 45 degrees
378227	378827	2.75 mm, 45 degrees
378228	378828	2.8 mm, 45 degrees
–	378829	2.85 mm, 45 degrees
378230	378830	3.0 mm, 45 degrees
378232	378832	3.2 mm, 45 degrees

Beaver® EdgeAhead® Safety Sideport MVR Knives*



The Beaver® EdgeAhead® Safety Sideport MVR Knife is designed to create precise, consistent and fluid tight stab incisions to fit 20G and 23G instruments. 10 per box.



Item #	Description
378231	20G (1.1 mm width), angled
378233	23G (.75 mm width), angled

Beaver® Optimum™ Safety Sideport Knives*



The Beaver® Optimum™ Safety Sideport Knife is designed for stab incisions. 10 per box.



Item #	Description
378235	15 degrees, straight
378236	22.5 degrees, straight
378237	30 degrees, straight
378238	45 degrees, straight

*U.S. patents #D496730, 7022128 and 7387637. Additional U.S. and International patents pending.

Beaver® Safety and Atomic Edge™ Knives

Beaver® Xstar® Safety Crescent Knife*



The Beaver® Xstar® Safety Crescent Knife is angled 55 degrees with the bevel up, designed for optimal tunnel architecture. 10 per box.



Item #	Description
378234	2.5 mm, angled 55 degrees, bevel up

Beaver® Xstar® KOJO Safety Slit Knives*



The Beaver® Xstar® KOJO Safety Slit Knives are slit blades with an arcuate shape. The heights of the arc in each case are 0.55 mm (2.5 mm) and 0.70 mm (3.2 mm). 10 per box.



Item #	Description
373025	2.5 mm, 45 degrees, single bevel
373032	3.2 mm, 45 degrees, single bevel

Atomic Edge™ Safety Slit Knives⁺

Atomic Edge™ is the first single-use, safety engineered silicon surgical knife designed for use in cutting corneal tissue. 10 per box.



Item #	Description
370159	2.8 mm, angled 45 degrees, double bevel
370157	3.0 mm, angled 45 degrees, double bevel

Atomic Edge™ Accurate Depth Knives⁺

The Atomic Edge™ Accurate Depth Knives are designed for making limbal relaxing and groove incisions. These knives use single-crystal silicon to deliver performance equal to that of a diamond blade⁺⁺. 10 per box.



Item #	Description
370225	250 micron
370230	300 micron
370235	350 micron
370240	400 micron
370250	500 micron

Item #	Description
370255	550 micron
370260	600 micron
370262	625 micron
370265	650 micron

*U.S. patents #D496730, 7022128 and 7387637. Additional U.S. and International patents pending.

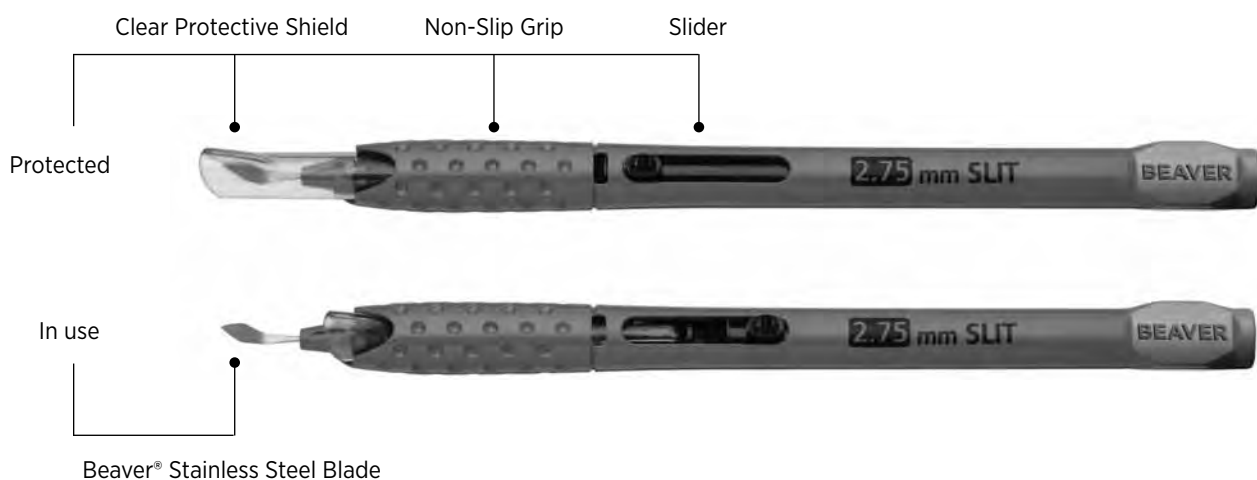
⁺U.S. patents #D496730, 7022128, 7387637, 7105103, 7387742, 7396484. Additional U.S. and International patents pending.

⁺⁺ Study ID # BVI 0211-04280.

How to Use Your Beaver® Safety Knife

How to Use Your Beaver® Safety Knife

All Beaver® Safety Knives feature a specially designed, integrated retractable shield that protects the blade in procedure and handling. The protective shield is easily activated or deactivated by the user pushing or pulling the spring-assisted slider with one finger which provides tactile and audible feedback in both the shielded and unshielded positions.



To Use

- Pull slider on handle to retract protective shield.
- Retract shield to rear locked position to fully uncover blade.



To Cover

- Push slider on handle to engage protective shield.
- Advance shield to forward locked position at lock indicator line.



To Dispose of

- Dispose of protected knife in an approved sharps container.



The Needlestick Safety and Prevention Act

As a result of the Needlestick Safety and Prevention Act*, OSHA requires:

- Annual review and update of the Bloodborne Pathogens Exposure Control Plan
- Evaluation, selection, and use of safety-engineered medical devices to eliminate or minimize occupational exposure
- Solicitation of input on the identification, evaluation and selection of safety devices from nonmanagerial and frontline medical workers
- Expanded record-keeping, which includes maintaining a sharps injury log

The Facts Behind the Act:

The High Cost of Sharps Injuries

The average costs to treat a single exposure incident ranges from \$800 to \$5,000. Costs can skyrocket with chronic cases of occupationally acquired HCV, where lifelong dialysis or organ transplants may be necessary. The lifetime cost of care may exceed \$1 million.¹

Indirect costs include: workers' compensation, medical follow-up, days away from work, reassignment of job tasks and potential patient cross-contamination.

Safety-Engineered Devices Really Work!

When properly activated, safety-engineered devices minimize the potential for exposure to the contaminated sharp before or immediately after the sharp leaves the site of use on the patient.¹

The US Attorney General Accounting Office reported that the adoption of needles with safety features would prevent thousands of injuries, such as HBV, HCV, and HIV infections, each year.¹

Why It's Important for You To Achieve Safety Compliance

- The use of safety-engineered devices helps to protect you and your staff from the transmission of diseases such as HIV and HCV. Remember, it only takes one stick; so view safety-engineered devices as an inexpensive insurance policy!
- A safe working environment helps to retain employees and instill patient confidence in your facility.
- Safety adoption will help you attain and retain OSHA and JCAHO compliance.

* Needlestick Safety and Prevention Act (The Act) (Pub. L. 106-430), 2001.

¹ Congressional Report to US General Accounting Office, GAO-01-60R Needlestick Prevention, 2000.

Needlestick Safety and Prevention Act

Frequently Asked Questions

In short, what does the legislation accomplish?

The Needlestick Safety and Prevention Act mandated revision of the OSHA Bloodborne Pathogens Standard to clarify the need for employers to select and use safer medical devices, to involve employees in identifying and choosing the devices, and to maintain a log of injuries from contaminated sharps.

What are safer medical devices?

“Safer medical devices” (or safety medical devices) are used to help minimize injuries to healthcare workers before, during or after use through safety-engineered design features. Examples include shielded needle devices, retracting needles and plastic capillary tubes.

When did the new legislation take effect?

- Passed unanimously by Congress and signed by the President on November 6, 2000, the Needlestick Safety and Prevention Act mandated specific revision of the OSHA Bloodborne Pathogens Standard.
- The updated rules became effective in all states in 2001.

Who has to comply?

All facilities where employees may be exposed to blood or other potentially infectious materials, including:

- Physician offices
- Home infusion companies
- Nursing homes
- Hospitals
- Clinical laboratories
- Other facilities where employees may be exposed to blood or other potentially infectious materials

What do I have to do to be in compliance?

- Evaluate and implement “safer medical devices.” Frontline healthcare workers are to be part of the evaluation and selection process.
- Review and update your Bloodborne Pathogens Exposure Control Plan annually.
- Monitor the effectiveness of engineering controls on an annual basis.

If no one on our staff has experienced a needlestick injury, must we still convert to safety devices?

Yes. OSHA standards are intended to prevent occupational injuries and illnesses.

We have placed a box of safety products on the shelf to use for select, high-risk situations. Does this make us compliant with the new safety legislation?

No. The legislation requires employees to use safety devices in **all** cases where appropriate and commercially available safer medical devices are available.

How is OSHA enforcing this new law?

OSHA enforces the Needlestick Safety and Prevention Act by conducting on-site inspections and issuing fines when facilities are deemed out of compliance. Each OSHA violation can lead to a maximum fine of \$7,000 per instance, and willful violations can lead to fines as high as \$70,000. Failure to use a safety product, like a safety hypodermic needle and syringe, can lead to multiple violations.

Where can I get more information?

www.osha.gov

www.jcaho.org

www.cdc.gov

www.cdc.gov/niosh

The OSHA regulation does not supersede stricter regulations that may exist in states and localities. However, state legislation cannot make the federal requirements any less stringent. JCAHO accreditation requires full compliance to the law.

Information on the Needlestick Safety and Prevention Act in this document is sourced from the OSHA website and from the “Needlestick and Safety Prevention Act: Overview and Enforcement Fact Sheet,” published by the Health Industry Distributor’s Association.

This is not intended to provide legal advice.

Beaver® Conventional Knives and Blades

Beaver-Visitec is proud to offer a broad range of conventional knives for cataract surgery. Beaver® Slit, Sideport, Crescent and Micro-Sharp® knives come in a wide range of sizes to meet the needs of ophthalmic surgeons.

Beaver® Xstar® Slit Knives



Beaver® Xstar® Slit Knives are available in a wide range of sizes designed for smooth penetration and accurate incision width. 10 per box.



Single Bevel	Double Bevel	Description
373718	-	1.8 mm, angled 45 degrees
373722	370822	2.2 mm, angled 45 degrees
373724	370824	2.4 mm, angled 45 degrees
373725	370825	2.5 mm, angled 45 degrees
373726	-	2.6 mm, angled 45 degrees
-	370826	2.65 mm, angled 45 degrees
373727	370827	2.75 mm, angled 45 degrees

Single Bevel	Double Bevel	Description
373728	370828	2.8 mm, angled 45 degrees
373328	-	2.8 mm, straight
373730	370830	3.0 mm, angled 45 degrees
373330	-	3.0 mm, straight
373732	-	3.2 mm, angled 45 degrees
373332	-	3.2 mm, straight
373735	-	3.5 mm, angled 45 degrees

Beaver® EdgeAhead® Sideport MVR Knives



Beaver® EdgeAhead® Sideport/MVR Knives are designed to create precise, consistent and fluid tight stab incisions.



Straight	Angled	Description
585240	-	19G (1.4 mm width), 5 per box
376630	376620	20G (1.1 mm width), 10 per box
585231	585232	23G (.75 mm width), 5 per box

Beaver® Optimum™ Blades and Knives



Beaver® Optimum™ stab blades are color coded for simple and accurate identification. Offered in a wide range of sizes.



Blades 5 per box	Knives 10 per box	Description
374881	374891	15 degrees, straight, green
-	374890	15 degrees, bent 30 degrees, green
374882	374892	22.5 degrees, straight, slate blue
374883	374893	30 degrees, straight, black
374884	374894	45 degrees, straight, tan

Beaver® Conventional Knives and Blades

Beaver® Xstar® Crescent Knives



Beaver® Xstar® Crescent Knives offer the flexibility to create optimal tunnel architecture. Available in straight, bevel up or bevel down. 10 per box.



Item #	Description
373807	2.5 mm, 55 degrees, bevel up
373809	2.5 mm, 55 degrees, bevel down
373808	2.5 mm, straight

Beaver® Micro-Sharp® Blades and Beaver® Micro-Unitome™ Knives

See page 28-29 for Beaver® Handles and Accessories for Micro-Sharp® Blades.

377511 Micro-Sharp® Blade

15 degrees, 1.5 mm depth, orange.
6 per box.



377512 Micro-Unitome™ Knife

15 degrees, 1.5 mm depth, orange.
10 per box.



377513 Micro-Sharp® Blade

15 degrees, 3.0 mm depth, blue.
6 per box.



377514 Micro-Unitome™ Knife

15 degrees, 3.0 mm depth, blue.
10 per box.



377515 Micro-Sharp® Blade

15 degrees, 5.0 mm depth, green.
6 per box.



377516 Micro-Unitome™ Knife

15 degrees, 5.0 mm depth, green.
10 per box.



377522 Micro-Sharp® Blade

22.5 degrees, 4.0 mm depth, light blue.
6 per box.



377523 Micro-Unitome™ Knife

22.5 degrees, 4.0 mm depth, light blue.
10 per box.



377530 Micro-Sharp® Blade

30 degrees, 3.5 mm depth, black.
6 per box.



377531 Micro-Unitome™ Knife

30 degrees, 3.5 mm depth, black.
10 per box.



377545 Micro-Sharp® Blade

45 degrees, 3.0 mm depth, tan.
6 per box.



377546 Micro-Unitome™ Knife

45 degrees, 3.0 mm depth, tan.
10 per box.



Beaver® Conventional Knives and Blades

377615 Micro-Blade
Angled 15 degrees.
25 per box.



377630 Micro-Blade
Angled 30 degrees.
25 per box.



Beaver® Micro Knives

Sharp pointed tip design for ophthalmic stab incisions and other microsurgical techniques. 10 per box.



Item #	Description
0001520	15 degrees, 5.0 mm depth
0001521	22.5 degrees, 5.0 mm depth
0001522	30 degrees, 5.0 mm depth
0001523	45 degrees, 5.0 mm depth

Beaver® EdgeAhead® Slit Knives



Sharp tip and straight shoulders are designed to create or enlarge initial incision for insertion of phacoemulsification tips. 5 per box.



Item #	Description
581142	1.2 mm, angled 40 degrees, bevel up
581143	1.4 mm, angled 40 degrees, bevel up
581144	1.5 mm, angled 40 degrees, bevel up
581145	1.75 mm, angled 40 degrees, bevel up
581135	2.3 mm, angled 40 degrees, bevel up
581129	2.5 mm, angled 40 degrees, bevel up

Item #	Description
581123	2.65 mm, angled 40 degrees, bevel up
581105	2.8 mm, angled 40 degrees, bevel up
581107	3.0 mm, angled 40 degrees, bevel up
581109	3.2 mm, angled 40 degrees, bevel up
581121	3.5 mm, angled 40 degrees, bevel up

Beaver® Xstar® Implant Knives



Designed specifically for widening the incision for lens implantation. 10 per box.



Item #	Description
373432	3.2 mm, 45 degrees, bevel up
373835	3.5 mm, 45 degrees, bevel up
373435	3.5 mm, straight
373741	4.1 mm, 45 degrees, bevel up
373752	5.2 mm, 45 degrees, bevel up

Beaver® Conventional Knives and Blades

Beaver® EdgeAhead® Intraocular (IOL) Knives



Designed to enlarge a small incision for implantation of IOL after removal of the crystalline lens. Sides are sharp and tip is blunt. 5 per box.



Item #	Description
581141	3.5 mm, angled 40 degrees, bevel up
581127	4.1 mm, angled 40 degrees, bevel up
581111	5.2 mm, angled 40 degrees, bevel up
581125	5.7 mm, angled 40 degrees, bevel up
581139	6.2 mm, angled 40 degrees, bevel up

Beaver® EdgeAhead® Circular Knives



Circular knives have a 260 degree cutting edge for even incisions reducing post-op astigmatism. Useful for trabeculectomy, DCR procedures, and vitreoretinal scleral dissection. 5 per box.



Item #	Description
581115	2.25 mm
581112	2.25 mm, angled 60 degrees, 3 mm from tip
581116	2.25 mm, angled 60 degrees, 6 mm from tip

Beaver® Slit Blades

Beaver® Slit Blades offer a precise incision which minimizes leakage during phaco procedures. Available bevel up, bevel down and straight. 3 per box. See page 28-29 for Beaver® Handles and Accessories.



Item #	Description
375505	1.5 mm, straight
375521	3.0 mm, straight
375516	2.8 mm, 45 degrees, bevel down
374520	3.0 mm, 45 degrees, bevel up
375520	3.0 mm, 45 degrees, bevel down
375522	3.2 mm, 45 degrees, bevel down

Beaver® Cataract Blades

Designed for ICCE and ECCE. 3 per box. See page 28-29 for Beaver® Handles and Accessories.

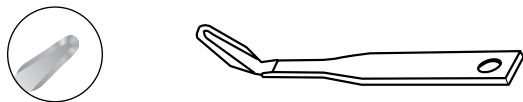


Item #	Description
375100	19.0 mm length x 1.4 mm width
375210	20.5 mm length x 1.7 mm width
375220	25.5 mm length x 2.2 mm width
374723	30.0 mm length x 2.2 mm width

Beaver® Conventional Knives and Blades

Beaver® EdgeAhead® Pocket™ Crescent Knives and Blades

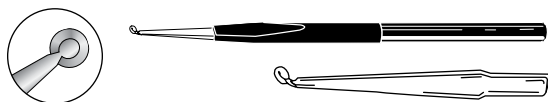
Tapered end and smaller tip improve blade maneuverability when creating a tunnel. Sharp all around crescent shape. See page 28-29 for Beaver® Handles and Accessories.



Knives 5 per box	Blades 3 per box	Description
581137	-	1.75 mm, angled 60 degrees, bevel up
581117	-	2.25 mm, straight
581118	-	2.25 mm, angled 60 degrees, bevel up
581119	-	2.25 mm, angled 60 degrees, bevel down
-	374805	2.5 mm, 55 degrees, bevel up

Beaver® Pocket™ Scleral Knives and Blades

Ideal for short scleral tunnel incisions and incisions into the trabecular meshwork. See page 28-29 for Beaver® Handles and Accessories.



Knives 3 per box	Blades 3 per box	Description
374755	374756	2.25 mm, 60 degrees, bevel up
374751	374752	3.0 mm, 60 degrees, bevel down

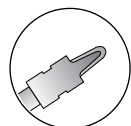
Beaver® Sclerotome™ Blade and Knife

Beaver® Sclerotome™ is a versatile blade suitable for glaucoma and retinal procedures. The sclerotome knife has a smaller cutting edge and improved sharpness for a more precise, controlled dissection. Packaged 3 per box. See page 28-29 for Beaver® Handles and Accessories.

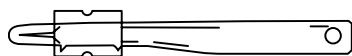


Knife	Blade	Description
375701	375700	Multi-sided, sharp all around

Beaver® BeaverGuard™ Guarded Blades



Preset to ensure uniform depth control. 3 per box. See page 28-29 for Beaver® Handles and Accessories.



Item #	Description
375435	.35 mm depth
375450	.50 mm depth

Beaver® Mini-Blades

Beaver® Mini-Blades®

Available in a variety of designs to meet all small incision and excision needs. See page 28-29 for Beaver® Handles and Accessories.

374562 Mini-Blade®

Orthopedic Mini-Blade. Length 1.255 inches.
24 per box.



376100 Mini-Blade®

Overall length 1.31 inches.
24 per box.



376300 Mini-Blade®

Sharp on two sides, pointed tip.
6 per box.



376400 Mini-Blade®

Rounded tip, sharp on one side.
24 per box.



376401 Mini-Blade®

Narrower version of 376400. For minimally invasive surgery.
24 per box.



376500 Mini-Blade®

Smaller alternative to #11 general blade.
24 per box.



376600 Lamellar Blade

Angled 60 degrees, smooth undersurface, sharp all around, bevel up. 3 per box.



376610 Lamellar Blade

Straight, smooth undersurface, sharp all around. 3 per box.



376700 Mini-Blade®

Smaller alternative to #15 general blade.
24 per box.



376900 Mini-Blade®

Straight, sharp all around, 180 degree cutting surface, double bevel blade. 6 per box.



376910 Mini-Blade®

Angled 60 degrees, sharp all around, 180 degree cutting surface, double bevel blade. 6 per box.



374769 Mini-Blade® Knife

Straight, sharp all around, 180 degree cutting surface.
3 per box.



Beaver® Mini-Blades

Grindless Beaver® Mini-Blades*

Beaver-Visitec's new Mini-Blades are manufactured using a proprietary grindless technology that yields consistent sharpness and blade geometry and are available in a variety of designs to meet all small incision and excision needs. Beaver® Mini-Blades are preassembled into a unique, patented tip, designed for safe assembly and ease of use. Each Mini-Blade® is color coded for easy identification. Available in December 2011. See page 28-29 for Beaver® Handles and Accessories.

Beaver6400 6400 Mini-Blade®

Grindless, rounded tip, sharp on one side, green.
20 per box.

**Beaver6600 6600 Mini-Blade®**

Grindless, lamellar, angled 60 degrees, smooth undersurface, sharp all around, bevel up, black. 3 per box.

**Beaver6610 6610 Mini-Blade®**

Grindless, lamellar, straight, smooth undersurface, sharp all around, black. 20 per box.

**Beaver6700 6700 Mini-Blade®**

Grindless, smaller alternative to #15 general blade, orange.
20 per box.

**Beaver6900 6900 Mini-Blade®**

Grindless, straight, sharp all around, 180 degree cutting surface, double bevel blade, blue. 20 per box.

**Beaver6910 6910 Mini-Blade®**

Grindless, angled 60 degrees, sharp all around, 180 degree cutting surface, double bevel blade, blue. 6 per box.



* Patent D636082. Additional US and International patents pending.

Beaver® Trephine Blades

Beaver® Corneal Trephine Blades

Sharp uniform cutting edge promotes a symmetrical and vertical cut of all corneal layers.
Overall length 15.8 mm. Sterile, single-use. 1 per box.



Item #	Description
9550026	4.0 mm diameter
0009701	5.0 mm diameter
0009703	5.5 mm diameter
0009705	6.0 mm diameter
0009706	6.25 mm diameter
0009707	6.5 mm diameter
0009708	6.75 mm diameter
0009709	7.0 mm diameter
0009719	7.25 mm diameter

Item #	Description
0009711	7.5 mm diameter
0009722	7.75 mm diameter
0009710	7.85 mm diameter
0009713	8.0 mm diameter
0009727	8.25 mm diameter
0009715	8.5 mm diameter
0009723	8.75 mm diameter
0009717	9.0 mm diameter
9550025	9.25 mm diameter

Item #	Description
9550005	9.5 mm diameter
0009721	10.0 mm diameter
9550006	10.5 mm diameter
0009725	11.0 mm diameter
9550013	11.5 mm diameter
9550028	12.0 mm diameter
9550029	13.0 mm diameter
0009728	14.0 mm diameter

Beaver® Tissue Punches and Trephine Handles

Beaver® Iowa P.K. Press



Piston assembly fits into neck of platform utilizing an internal spring to recoil to ready position after use. Cutting block fits into precision milled cavity in platform. Accepts single-use trephine blades sizes 6.25 - 9.00 mm. Designed for accurate preparation of corneal donor buttons to be used in penetrating keratoplasty. Reusable. 1 per box.

Item #	Description
1760	Complete Set includes press assembly and cutting block.
1761	Cutting block, 32 mm (1.25 in) diameter.

Beaver® Troutman Corneal Punch



Adjustable piston accommodates specified trephine blades. Designed for accurate donor button preparation. Reusable. 1 per box.

Item #	Description
1728	Complete Set includes 7.0 mm to 9.0 mm piston and Teflon® block.
1742	Piston accepts 5.0-7.0 mm trephine blades
1741	Piston accepts 7.0-9.0 mm trephine blades
1743	Piston accepts 9.0-11.0 mm trephine blades
9729	Single-use replacement block, 18 mm (.7 in) diameter. Sterile.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.

Beaver® Open Trephine Handles

Designed to fit a specific trephine size. Overall length 15.5 mm without trephine. Reusable. 1 per box.



Item #	Description
9732	Fits 5.0 mm trephines
9733	Fits 5.5 mm trephines
9734	Fits 6.0 mm trephines
9735	Fits 6.5 mm trephines
9736	Fits 7.0 mm trephines
9737	Fits 7.25 mm trephines
9738	Fits 7.5 mm trephines
9739	Fits 7.75 mm trephines

Item #	Description
9740	Fits 8.0 mm trephines
9741	Fits 8.25 mm trephines
9742	Fits 8.5 mm trephines
9743	Fits 8.75 mm trephines
9744	Fits 9.0 mm trephines
9745	Fits 10.0 mm trephines
9746	Fits 11.0 mm trephines

Beaver® Trephine Handles

Beaver® Troutman Trephine Handles

Adjustable trephine handle fits a range of single-use stainless steel trephine blades. Reusable. 1 per box.



Item #	Description
1735	Fits 5 mm - 7 mm trephines
1737	Fits 7 mm - 9 mm trephines
1739	Fits 9 mm - 11 mm trephines

Beaver® Calibrated Trephine Handles

Trephine handle with protective graduated depth guard. For use in performing free-hand donor buttons. Designed to fit a specific trephine size. Overall length 75 mm without trephine blade. Reusable. 1 per box.



Item #	Description
1672	Fits 5.0 mm trephines
1673	Fits 5.5 mm trephines
1674	Fits 6.0 mm trephines
1675	Fits 6.25 mm trephines
1683	Fits 6.5 mm trephines
1676	Fits 6.75 mm trephines
1684	Fits 7.0 mm trephines
1677	Fits 7.25 mm trephines

Item #	Description
1685	Fits 7.5 mm trephines
1678	Fits 7.75 mm trephines
1686	Fits 8.0 mm trephines
1679	Fits 8.25 mm trephines
1687	Fits 8.5 mm trephines
1680	Fits 8.75 mm trephines
1688	Fits 9.0 mm trephines
1690	Fits 10.0 mm trephines

Beaver® Trephine Handles

Trephine handle with protective depth guard. Designed to fit a specific trephine size. Overall length 50 mm without trephine blade. Reusable. 1 per box.



Item #	Description
1700	Fits 5.0 mm trephines
1702	Fits 5.5 mm trephines
1704	Fits 6.0 mm trephines
1706	Fits 6.5 mm trephines
1708	Fits 7.0 mm trephines
1710	Fits 7.5 mm trephines

Item #	Description
1712	Fits 8.0 mm trephines
1714	Fits 8.5 mm trephines
1716	Fits 9.0 mm trephines
1720	Fits 10.0 mm trephines
1724	Fits 11.0 mm trephines

Beaver® Trephines with Handles

Reusable stainless steel trephine with handle. Overall length 53 mm. Reusable. 1 per box.






Item #	Description
9747	1.0 mm
9748	1.5 mm
9749	2.0 mm

Item #	Description
9751	3.0 mm
9752	3.5 mm
9753	4.0 mm

Beaver® Tissue Punches







Tissue Punches

- | | | |
|-------------|---|---|
| 1751 | Kelly Descemet's Membrane Punch
Horizontal punch designed to produce a clean, 0.75 mm round hole without tissue tags.
Overall length 129 mm. Reusable. 1 per box. |  |
| 1752 | Gass Sclerotomy Punch
Vertical punch designed to produce a clean, 1.5 mm round hole. Rotatable for convenient positioning. Overall length 87 mm. Reusable. 1 per box. |  |
| 1754 | Holth Corneoscleral Punch
Horizontal punch, 1 mm by 7 mm. Flat serrated handle, overall length 89 mm. Reusable. 1 per box. |  |

Beaver® Specialty Surgical Blades and Knives

Beaver® Myringotomy Blades and Knives

See page 28-29 for Beaver® Handles and Accessories.

- | | | |
|---------------|---|---|
| 377100 | Myringotomy Blade
Lance tip, downward cut, offset 45 degrees.
6 per box. |  |
| 377110 | Myringotomy Blade
Lance tip, upward cut, offset 45 degrees.
6 per box. |  |
| 377120 | Myringotomy Blade
Spear tip, narrow shaft, offset 45 degrees.
6 per box. |  |
| 377121 | Myringotomy Blade
Lance tip, downward cut, narrow shaft, offset 45 degrees.
6 per box. |  |
| 377122 | Myringotomy Knife
Spear tip, narrow shaft, offset 45 degrees.
3 per box. |  |
| 377124 | Myringotomy Knife
Lance tip, downward cut, narrow shaft, offset 45 degrees.
3 per box. |  |

Beaver® Specialty Surgical Blades and Knives

Beaver® Tympanoplasty and Stapedectomy Blades

See page 28-29 for Beaver® Handles and Accessories.

- 374451 Tympanoplasty Blade**
50 degree angle, bevel down, sharp all around, 2.0 mm width.
3 per box.



- 377200 Tympanoplasty Blade**
60 degree angle, bevel down, sharp all around, 2.5 mm width.
3 per box.



- 377210 Tympanoplasty Blade**
Straight, sharp all around, 2.5 mm width.
3 per box.



- 377300 Sickle Edge Blade**
Straight, 84 mm length, 5.0 mm cutting surface.
3 per box.



Beaver® Oropharyngeal Blades

See page 28-29 for Beaver® Handles and Accessories.

- 376320 Interdental Blade**
60 degrees, angled, sharp all around, pointed tip.
6 per box.



- 376800 Tonsillectomy Blade**
Sickle sharp.
24 per box.



Beaver® Needle and Sickle Edge Blades

See page 28-29 for Beaver® Handles and Accessories.

- 375910 Needle Blade**
3.0 mm cutting edge.
3 per box.



- 375920 Needle Blade**
5.0 mm cutting edge.
3 per box.



- 375930 Needle Blade**
7.0 mm cutting edge.
3 per box.



- 375940 Needle Blade**
1.5 mm cutting edge.
3 per box.



- 377300 Sickle Edge Blade**
Straight, 84 mm length, 5.0 mm cutting surface.
3 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver® Arthro-Lok® Blades

See page 28-29 for Beaver® Handles and Accessories.

374580 Arthro-Lok® Blade

4 mm hoe, sharp all around, angled 60 degrees.
6 per box.



376083 Arthro-Lok® Blade

4 mm retrograde.
6 per box.



376086 Arthro-Lok® Blade

4 mm pointed retrograde.
6 per box.



376480 Arthro-Lok® Blade

4 mm rounded tip, curved left, sharp on one side.
6 per box.



376481 Arthro-Lok® Blade

4 mm rounded tip, flat, sharp on one side.
6 per box.



376482 Arthro-Lok® Blade

4 mm rounded tip, curved right, sharp on one side.
6 per box.



376780 Arthro-Lok® Blade

4 mm pointed tip, curved left, sharp on one side.
6 per box.



376980 Arthro-Lok® Blade

4 mm mini-banana, sharp all around, curved.
6 per box.



376984 Arthro-Lok® Blade

4 mm banana, sharp all around.
6 per box.



377081 Arthro-Lok® Blade

4 mm rosette.
6 per box.



379081 Arthro-Lok® Blade

4 mm mini-meniscus, flat.
6 per box.



379082 Arthro-Lok® Blade

4 mm mini-meniscus, curved.
6 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver® Ring Cutter and Blades

374100 Ring Cutter
1 per box.



374150 Ring Cutter Saw Blade
Regular speed steel.
1 per box.



374151 Ring Cutter Saw Blade
High speed steel.
1 per box.



Beaver® Chisel Blades

See page 28-29 for Beaver® Handles and Accessories.

378100 Chisel Blade
Non-sterile.
5 per box.



378300 Chisel Blade
Non-sterile.
5 per box.



378400 Chisel Blade
Non-sterile.
5 per box.



378600 Chisel Blade
Non-sterile.
5 per box.



378800 Chisel Blade
Non-sterile.
5 per box.



Beaver® DeBaKey Blades

See page 28-29 for Beaver® Handles and Accessories.

374410 DeBaKey Blade
5 mm cutting width.
24 per box.



374710 DeBaKey Blade
8 mm cutting width.
24 per box.



374810 DeBaKey Blade
10 mm cutting width.
24 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver® Neuro-Sharp™ Blades

See page 28-29 for Beaver® Handles and Accessories.

370410 Neuro-Sharp™ Blade

Bayonet sickle.
3 per box.



370420 Neuro-Sharp™ Blade

Bayonet Arachnoid.
3 per box.



Beaver® Orthopedic Blades

See page 28-29 for Beaver® Handles and Accessories.

371400 Bent Blade

Sharp all around, bent 45 degrees.
Used in orthopedic procedures.
4 per box.



379400 Chondroplastic Blade

Sharp on two sides, curved.
4 per box.



379500 Meniscus Blade

Curved, 7 mm.
4 per box.



379700 Meniscus Blade

Curved, 9 mm.
4 per box.



Beaver® Mammatome Blade

See page 28-29 for Beaver® Handles and Accessories.

374900 Mammatome Blade

270 degree cutting edge.
6 per box.



Beaver® Cervical Biopsy Blade

See page 28-29 for Beaver® Handles and Accessories.

379100 Cervical Biopsy Blade

4 per box.



Beaver® Handles

Beaver® Wrench, Collets and Handles

Blade Wrench

371301 Beaver® Blade Wrench
Stainless. 1 per box.



Replacement Chuck Collets

371305 Replacement Chuck Collet
Stainless, fits .50 cm handles.
1 per box.

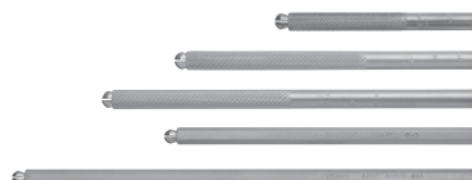


371415 Replacement Chuck Collet
Stainless, fits .60 cm handles.
1 per box.



Beaver® Handles

Stainless steel handles are available in round and hex configurations, in a variety of lengths. Refer to page 28-29 to determine which handle will accommodate your Beaver® blade. Reusable, 1 per box.



Item #	Description
371350	Round, knurled, stainless, 13.0 cm L x .50 cm D
371360	Round, knurled, stainless, 13.0 cm L x .66 cm D
371394	Round, 18.0 cm L x .4 cm D No chuck collet included.
371395	Round, 21.0 cm L x .4 cm D No chuck collet included.
371410	Round, knurled, stainless, 10.2 cm L x .64 cm D
374310	Round, knurled, stainless, 10.0 cm L x .50 cm D

Item #	Description
374311	Round, knurled, stainless, 5.0 cm L x .50 cm D
374320	Round, knurled, stainless, 15.5 cm L x .50 cm D
374330	Hex, stainless, 10.0 cm L x .50 cm D
374340	Hex, stainless, 15.5 cm L x .50 cm D
372000	BeaverTail™, Flat, 17 cm L
375000	BeaverTail™, Flat, 13 cm L

Beaver® Handles and Accessories

Beaver® Handles and Accessories

For full descriptions of Beaver® Handles refer to page 27.

For full descriptions of Beaver® Handles refer to page 27.													REPLACEMENT COLLETS	
HANDLES														
BLADES	371350	371360	371394	371395	371410	372000	374310	374311	374320	374330	374340	375000	371305	371415
Beaver6400	x	x	x	x	x		x	x	x	x	x			
Beaver6600	x	x	x	x	x		x	x	x	x	x			
Beaver6610	x	x	x	x	x		x	x	x	x	x			
Beaver6700	x	x	x	x	x		x	x	x	x	x			
Beaver6900	x	x	x	x	x		x	x	x	x	x			
Beaver6910	x	x	x	x	x		x	x	x	x	x			
370410	x	x					x	x	x	x	x		x	
370420	x	x					x	x	x	x	x		x	
371400						x							x	
374410												x	x	
374451	x	x					x	x	x	x	x	x	x	
374562	x	x					x	x	x	x	x		x	
374580			x	x										
374710						x						x		
374810						x						x		
374900						x						x		
375910	x	x					x	x	x	x	x		x	
375920	x	x					x	x	x	x	x		x	
375930	x	x					x	x	x	x	x		x	
375940	x	x					x	x	x	x	x		x	
376083			x	x										
376086			x	x										
376100	x	x					x	x	x	x	x		x	
376300	x	x					x	x	x	x	x		x	
376400	x	x					x	x	x	x	x		x	
376401		x					x	x	x	x	x		x	
376480			x	x										
376481			x	x										
376482			x	x										
376500	x	x					x	x	x	x	x		x	
376600	x	x					x	x	x	x	x		x	
376610	x	x					x	x	x	x	x		x	

Beaver® Handles and Accessories

BLADES	HANDLES												REPLACEMENT COLLETS	
	371350	371360	371394	371395	371410	372000	374310	374311	374320	374330	374340	375000	371305	371415
376700	x	x					x	x	x	x	x		x	
376780			x	x										
376800	x	x					x	x	x	x	x		x	
376900	x	x					x	x	x	x	x		x	
376910	x	x					x	x	x	x	x		x	
376980			x	x										
376984			x	x										
377081			x	x										
377100	x	x					x	x	x	x	x		x	
377110	x	x					x	x	x	x	x		x	
377120	x	x					x	x	x	x	x		x	
377121	x	x					x	x	x	x	x		x	
377200	x	x					x	x	x	x	x		x	
377210	x	x					x	x	x	x	x		x	
377300	x	x					x	x	x	x	x		x	
377511	x	x					x	x	x	x	x			
377513	x	x					x	x	x	x	x			
377515	x	x					x	x	x	x	x			
377522	x	x					x	x	x	x	x			
377530	x	x					x	x	x	x	x			
377545	x	x					x	x	x	x	x			
378100					x									x
378300					x									x
378400					x									x
378600					x									x
378800					x									x
379081			x	x										
379082			x	x										
379100						x						x		
379400						x						x		
379500						x						x		
379700						x						x		