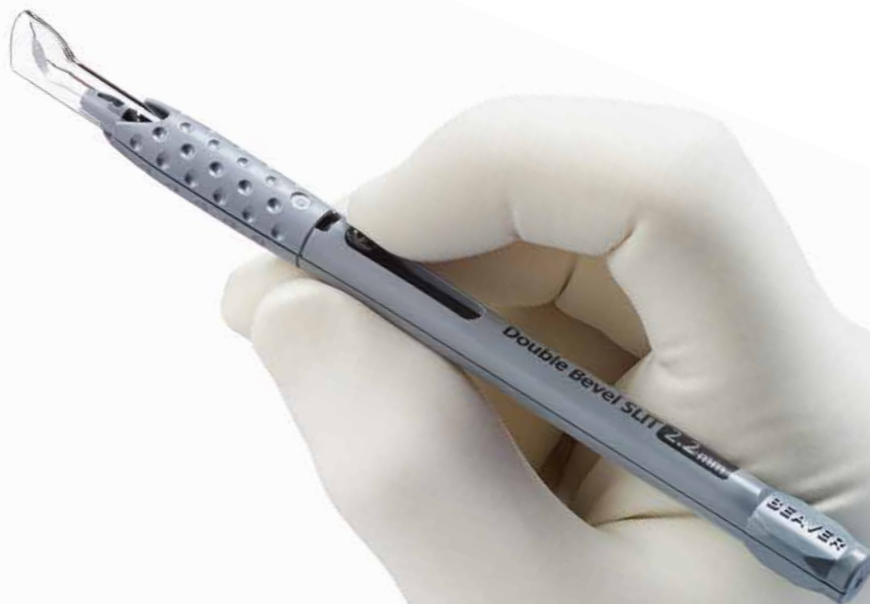


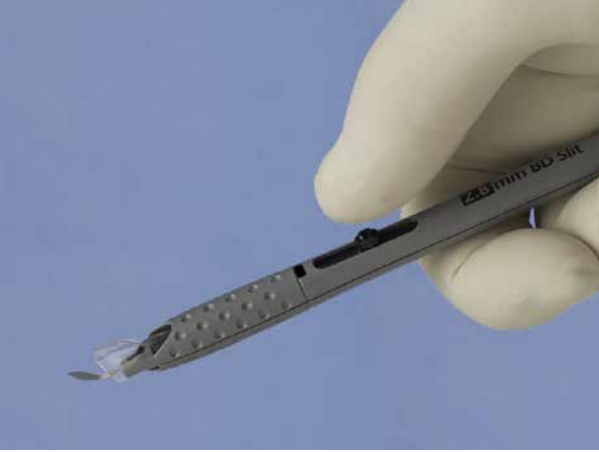
Beaver[®] Knives and Blades

Beaver is the world class leader in high-quality surgical blades distinguished by:

- Sharpness
- Consistency
- Safety



DESIGNED TO MEET
OSHA
SAFETY REQUIREMENTS



European Council Directive

Prevention from sharp injuries in the hospital and healthcare sector

Council Directive 2010/32/EU of May 10, 2010 implements the framework agreement concluded by employers and trade unions of the hospital and healthcare sector (HOSPEEM⁽¹⁾ and EPSU⁽²⁾) and aims at achieving the safest possible environment for healthcare workers through the prevention from sharps injuries.

The purpose of this Directive that was addressed to Member States of the European Union:

- To achieve the safest possible work environment.
- To prevent workers' injuries caused by all medical sharps (including needlesticks).
- To protect workers at risk.
- To set up an integrated approach establishing policies in risk assessment, risk prevention, training, information, awareness raising and monitoring.
- To put in place response and follow up procedures.

The Facts Behind the Directive:

High Prevalence

- Approximately 1.2 million needlestick/sharps injuries occur in the European Union each year.⁽³⁾
- While nurses working in acute medical situations as well as surgeons are identified as being at the highest risk, a significant proportion of such injuries are experienced by ancillary staff such as cleaners and laundry workers. Laboratory and other technical support staff are also exposed to risk.

Risk to Healthcare Workers

- Exposure incidents may result in the healthcare worker being infected by blood-borne pathogens. However HIV and hepatitis B or C are the most common risk, over 30 blood-borne pathogens may be transmitted.

The Benefit of Safety-Engineered Devices

- Besides the implementation of safer working practices, the use of safety-engineered devices, when properly activated, minimises the potential for exposure to the contaminated sharp before or immediately after the sharp leaves the site of use on the patient. Healthcare workers deserve the protection currently accorded by the now readily available safety-engineered devices.

Why It is 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 way to prevent injuries.
- A safe working environment helps to retain employees and instill patient confidence in your facility.
- Safety adoption will help you attain and retain compliance to the European Council Directive 2010/32/EU and associated national legislation.

⁽¹⁾ The European Hospital and Healthcare Employers' Association – Sectoral organisation representing employers

⁽²⁾ The European Federation of Public Services Unions – A European trade union organisation

⁽³⁾ http://www.efnweb.be/wp-content/uploads/2013/01/HHE_Sharps_article_PaulDeRaeve_EFN.pdf

Frequently Asked Questions

In short, what does the legislation accomplish?

The Directive will contribute to achieving the safest possible working environment in the European hospital and healthcare segment and is binding between employers and workers. It provides a framework to put in place and implement adequate and practical preventative measures in anticipation of the requested national legislation, one of these measures being the introduction of safer medical devices and associated training.

What are safer medical devices?

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

When did the new legislation take effect?

The EU Directive to prevent sharps injuries in the hospital and healthcare sector was adopted by the Council of the European Union on May 10, 2010. Member States have three years in which to transpose the Directive into national law, i.e. by May 11, 2013 at the latest.

Who has to comply?

All facilities where employees may be exposed to blood or other potentially infectious materials. “Workplaces covered include healthcare organisations/services in public and private sectors, and any other place where health services/activities are undertaken and delivered, under the managerial authority and supervision of the employer”⁽⁴⁾.

What needs to be done to be in compliance?

Put in place risk assessment procedures, and depending on the results of the risk assessment:

- Specify, implement and regularly reassess safe procedures for use and disposal of sharp medical instruments and contaminated waste.
- Eliminate the unnecessary use of sharps by implementing changes in practice and providing safety-engineered medical devices.
- Ban the practice of recapping.

- Position effective disposal procedures and clearly marked safe containers for the handling of disposable sharps and injection equipment adequately.
- Implement safe systems of work.
- Arrange for personal protective equipment to be used.
- Offer vaccination.

Take information and awareness-raising measures.

Provide training on policies associated with sharps injuries.

Review reporting procedures, emphasising the importance to immediately report (to the employer and/or the person responsible for safety and health at work) any incident involving sharps.

Ensure policies and procedures are in place (in accordance with European, national/regional legislation and collective agreements) where a sharps injury occurs, making all workers aware of these.

How is this Directive being enforced?

According to the Directive, penalties should be planned by Member States in case of breach of the obligations under the Directive.

Note:

Council Directive 2010/32/EU allows Member States to maintain and introduce provisions which are more favourable to workers' protection from injuries caused by medical sharps. Information on the Council Directive 2010/32/EU is sourced from the European Agency for Safety and Health at Work website, the European Biosafety Network website as well as from the Official Journal of the European Union.

This is not intended to provide legal advice.

⁽⁴⁾: Clause 3 of the Framework Agreement on prevention from sharp injuries in the hospital and healthcare sector.

Beaver® Safety Knives

Beaver Safety Knives are designed to deliver exceptional precision, sharpness and consistency. These safety-engineered, single-use knives are designed to minimise 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. The knives promote no-look, single hand use.

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, bevel up
378215	-	1.5 mm, 45 degrees, bevel up
378217	-	1.7 mm, 45 degrees, bevel up
378218	-	1.8 mm, 45 degrees, bevel up
378220	-	2.0 mm, 45 degrees, bevel up
378222	378822	2.2 mm, 45 degrees, bevel up
378223	-	2.3 mm, 45 degrees, bevel up
378224	378824	2.4 mm, 45 degrees, bevel up

Single Bevel	Double Bevel	Description
370145	378825	2.5 mm, 45 degrees, bevel up
370146	-	2.6 mm, 45 degrees, bevel up
-	378826	2.65 mm, 45 degrees, bevel up
378227	378827	2.75 mm, 45 degrees, bevel up
378228	378828	2.8 mm, 45 degrees, bevel up
-	378829	2.85 mm, 45 degrees, bevel up
378230	378830	3.0 mm, 45 degrees, bevel up
378232	378832	3.2 mm, 45 degrees, bevel up

Beaver and EdgeAhead® Safety Sideport MVR Knives*



The Beaver and EdgeAhead Safety Sideport MVR Knives are designed to create precise, consistent and fluid tight stab incisions. 10 per box.



Item #	Description
378210	1.0 mm, 45 degrees
378231	1.15 mm, 45 degrees (20G)
378212	1.2 mm, 45 degrees
378233**	Angled .60 mm (23G)

**EdgeAhead

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, bevel up
373032	3.2 mm, 45 degrees, bevel up

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	Item #	Description
370225	250 micron	370250	500 micron
370230	300 micron	370255	550 micron
370235	350 micron	370260	600 micron
370240	400 micron	370265	650 micron

Limbal Relaxing Incision (LRI) Kits

The Limbal Relaxing Incision Kit includes: an Atomic Edge Accurate Depth Knife⁺; a 13 mm Beaver Swivel Fixation Ring and a Standard Point Marker Pen. The Limbal Relaxing Incision kits are 2 per box.

Item #	Description
586055	Limbal Relaxing Incision Kit (with 550 micron knife)
586060	Limbal Relaxing Incision Kit (with 600 micron knife)

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

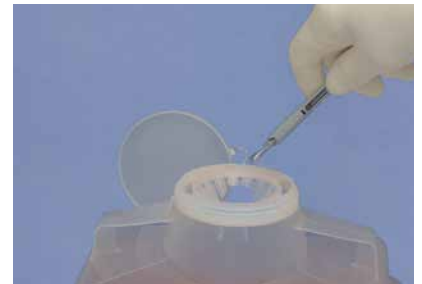
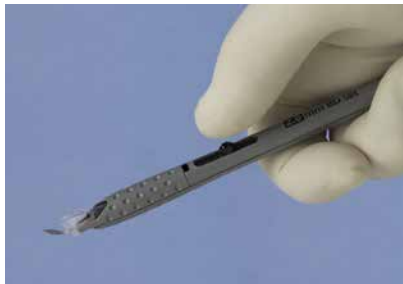
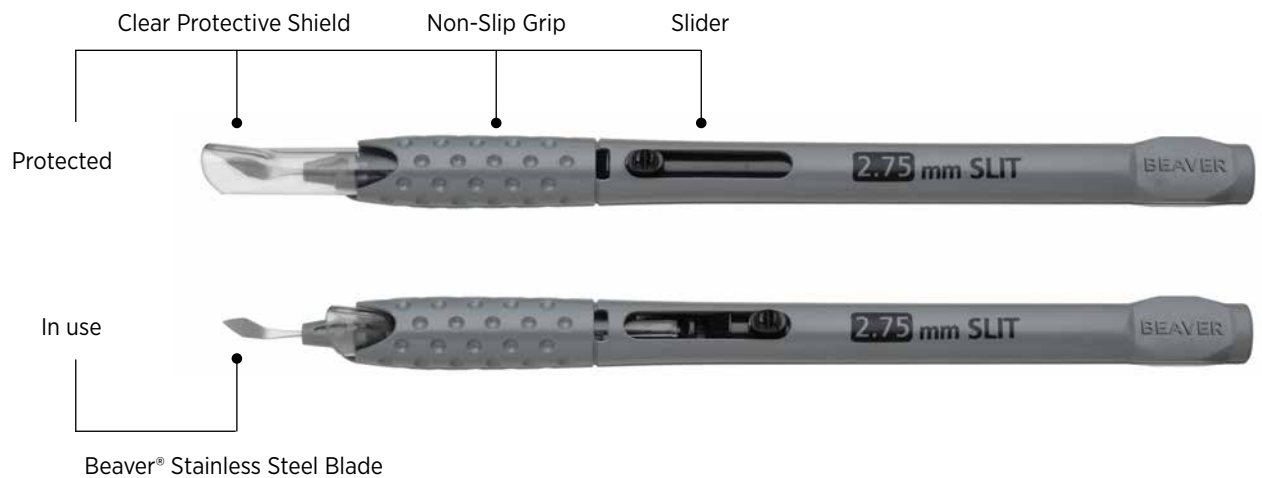
⁺U.S. patents #D496730, 7022128, 7387637, 7105103, 7387742, 7396484. Additional U.S. and International patents pending.

⁺⁺ 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 retracting or advancing the spring-assisted slider with one finger which provides tactile, visual 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.

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, 45 degrees, bevel up
373722	370822	2.2 mm, 45 degrees, bevel up
373724	370824	2.4 mm, 45 degrees, bevel up
373725	370825	2.5 mm, 45 degrees, bevel up
373726	-	2.6 mm, 45 degrees, bevel up
-	370826	2.65 mm, 45 degrees, bevel up
373727	370827	2.75 mm, 45 degrees, bevel up



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

Beaver and EdgeAhead® Sideport MVR Knives



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



Straight	Angled	Description
585231*	585232*	.60 mm (23G), 5 per box
-	373710	1.0 mm, 45 degrees, 10 per box
585240*	-	1.1 mm (19G), 5 per box
376630**	376620	1.15 mm, 45 degrees, 10 per box
-	373712	1.2 mm, 10 per box

* EdgeAhead

** Label reads 0.90 (20G), 10 per box.

Beaver Optimum® Blades and Knives



Beaver Optimum stab blades are colour 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
374882	374892	22.5 degrees, straight, slate blue
374883	374893	30 degrees, straight, black
-	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, 55 degrees, straight

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

Beaver Micro-Sharps and Micro-Unitomes are manufactured using a propriety grinder technology that yields consistent sharpness. Each blade/knife is colour coded for easy identification. See page 26-27 for Beaver Handles and Accessories for Micro-Sharp Blades.

377511 Micro-Sharp Blade
1.5 mm, 15 degrees, orange.
6 per box.



377512 Micro-Unitome Knife
1.5 mm, 15 degrees, orange.
10 per box.



377513 Micro-Sharp Blade
3.0 mm, 15 degrees, blue.
6 per box.



377514 Micro-Unitome Knife
3.0 mm, 15 degrees, blue.
10 per box.



377515 Micro-Sharp Blade
5.0 mm, 15 degrees, green.
6 per box.



377516 Micro-Unitome Knife
5.0 mm, 15 degrees, green.
10 per box.



377522 Micro-Sharp Blade
4.0 mm, 22.5 degrees, light blue.
6 per box.



377523 Micro-Unitome Knife
4.0 mm, 22.5 degrees, light blue.
10 per box.



377530 Micro-Sharp Blade
3.5 mm, 30 degrees, black.
6 per box.



377531 Micro-Unitome Knife
3.5 mm, 30 degrees, black.
10 per box.



377546 Micro-Unitome Knife
3.0 mm, 45 degrees, tan.
10 per box.



Beaver® Conventional Knives and Blades

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

Visitec® EdgeAhead® 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
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

Visitec® 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
581112	2.25 mm, angled 60 degrees, 3 mm from tip
581116	2.25 mm, angled 60 degrees, 6 mm from tip

Beaver® Conventional Knives and Blades

Beaver Cataract Blades

Designed for ICCE and ECCE. 3 per box.
See page 26-27 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

Crescent Knives and Blades

Tapered end and smaller tip improve blade maneuverability when creating a tunnel. Sharp all around crescent shape. See page 26-27 for Beaver Handles and Accessories.



Knives 5 per box	Description
581137	Visitec EdgeAhead 1.75 mm, angled 60 degrees, bevel up
581117	Visitec EdgeAhead 2.25 mm, straight
581118	Visitec EdgeAhead 2.25 mm, angled 60 degrees, bevel up
581119	Visitec EdgeAhead 2.25 mm, angled 60 degrees, bevel down

Beaver Sclerotome Blade and Knife

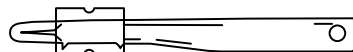
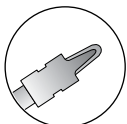
Beaver Sclerotome is a versatile blade suitable for glaucoma and retinal procedures. The Sclerotome Knife has a smaller cutting edge and improved sharpness for a more precise, controlled dissection. Packaged 3 per box. See page 26-27 for Beaver Handles and Accessories.



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 26-27 for Beaver Handles and Accessories.



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







Beaver Mini-Blades

Available in a variety of designs to meet all small incision and excision needs. See page 26-27 for Beaver Handles and Accessories.

374562 Mini-Blade Orthopedic Mini-Blade. Length 1.255 inches (31.88 mm).. 24 per box.	
376100 Mini-Blade Overall length 1.31 inches (33.27 mm). 24 per box.	
376300 Mini-Blade Sharp on two sides, with pointed tip. 6 per box.	
376401 Mini-Blade MIS 6400. Narrower version of Beaver6400. For minimally invasive surgery. 24 per box.	
376500 Mini-Blade Pointed tip, smaller alternative to #11 general blade. 24 per box.	
374769 Mini-Blade Knife Surgical blade, 180 degree cutting surface. 3 per box.	

Grindless Beaver Mini-Blades*

Beaver-Visitec's 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. See page 26-27 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, cleft palate blade, angled 60 degrees, sharp all around, 180 degree cutting surface, double bevel blade, blue. 6 per box.	

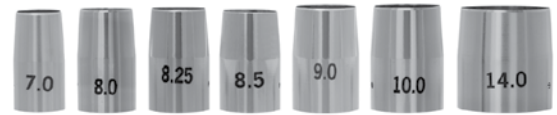
* Patent D636082. Additional US and International patents pending.

Beaver® Trephine Blades and Tissue Punch

Beaver Corneal Trephine Blades

Beaver-Visitec offers a comprehensive selection of corneal trephine blades, handles and tissue punches. Beaver Trephine Blades are handcrafted with a sharp, uniform cutting edge, designed for a precise, symmetrical cut of the corneal layers.

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 Iowa P.K. Press



Piston assembly fits into neck of platform utilising 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.



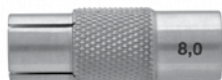
Item #	Description
1728	Complete set includes 7.0 mm to 9.0 mm piston and Teflon® block.
1742	Piston accepts 5.0-7.0 mm trephine blades
1741	Piston accepts 7.0-9.0 mm trephine blades
1743	Piston accepts 9.0-11.0 mm trephine blades
9729	Single-use replacement block, 18 mm (.7 in) diameter. Sterile.

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

Beaver® Tissue Punch and Trephine Handles

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 Troutman Trephine Handles

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



Item #	Description
1735	Fits 5.0 mm - 7 mm trephines
1737	Fits 7.0 mm - 9 mm trephines
1739	Fits 9.0 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.

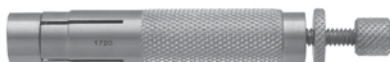


Item #	Description
1672	Fits 5.0 mm trephines
1673	Fits 5.5 mm trephines
1674	Fits 6.0 mm trephines
1675	Fits 6.25 mm trephines
1683	Fits 6.5 mm trephines
1676	Fits 6.75 mm trephines
1684	Fits 7.0 mm trephines
1677	Fits 7.25 mm trephines

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® Trephine Handles and Tissue Punches

Beaver Trephines with Handles

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



Item #	Description	Item #	Description
9747	1.0 mm	9751	3.0 mm
9748	1.5 mm	9752	3.5 mm
9749	2.0 mm	9753	4.0 mm

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.



Beaver® Specialty Surgical Blades and Knives

Beaver Needle Blades

See page 26-27 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.



Beaver Arthro-Lok® Blades

See page 26-27 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.



Beaver® Specialty Surgical Blades and Knives

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.	
376981	Arthro-Lok Blade 4 mm mini-banana, flat. 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 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® Specialty Surgical Blades and Knives

Beaver Chisel Blades

See page 26-27 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.



378800 Chisel Blade
Non-sterile.
5 per box.



Beaver DeBakey Blades

See page 26-27 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 Neuro-Sharp Blades

See page 26-27 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 Blade

See page 26-27 for Beaver Handles and Accessories.

371400 Bent Blade
Sharp all around, bent 45 degrees.
Used in orthopaedic procedures.
4 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver Mammatome Blade

See page 26-27 for Beaver Handles and Accessories.

- 374900 Mammatome Blade**
270 degree cutting edge.
6 per box.



Beaver Cervical Biopsy Blade

See page 26-27 for Beaver Handles and Accessories.

- 379100 Cervical Biopsy Blade**
4 per box.



Beaver® Handles

Beaver Wrench, Collets and Handles

- 371301 Beaver Blade Wrench**
Stainless. 1 per box.



- 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 26-27 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
374312	Round, knurled, stainless, 7.5 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 25.

BLADES	HANDLES												REPLACEMENT COLLETS		
	371350	371360	371394	371395	371410	372000	374310	374311	374312	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		x	
370420	x	x					x	x	x	x	x	x		x	
371400						x							x	x	
374410						x							x	x	
374562	x	x					x	x	x	x	x	x		x	
374580			x	x											
374710						x							x		
374810						x							x		
374900						x							x		
375100	x	x					x	x	x	x	x	x		x	
375210	x	x					x	x	x	x	x	x		x	
375220	x	x					x	x	x	x	x	x		x	
375435	x	x					x	x	x	x	x	x		x	
375450	x	x					x	x	x	x	x	x		x	
375700	x	x					x	x	x	x	x	x		x	
375910	x	x					x	x	x	x	x	x		x	
375920	x	x					x	x	x	x	x	x		x	
375930	x	x					x	x	x	x	x	x		x	
375940	x	x					x	x	x	x	x	x		x	
376083			x	x											

Beaver Handles and Accessories

BLADES	HANDLES													REPLACEMENT COLLETS	
	371350	371360	371394	371395	371410	372000	374310	374311	374312	374320	374330	374340	375000	371305	371415
376086			x	x											
376100	x	x					x	x	x	x	x	x		x	
376300	x	x					x	x	x	x	x	x		x	
376401		x					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		x	
376780			x	x											
376980			x	x											
376981			x	x											
376984			x	x											
377081			x	x											
377511	x	x					x	x	x	x	x	x			
377513	x	x					x	x	x	x	x	x			
377515	x	x					x	x	x	x	x	x			
377522	x	x					x	x	x	x	x	x			
377530	x	x					x	x	x	x	x	x			
378100					x										x
378300					x										x
378400					x										x
378800					x										x
379081			x	x											
379082			x	x											
379100						x							x		