

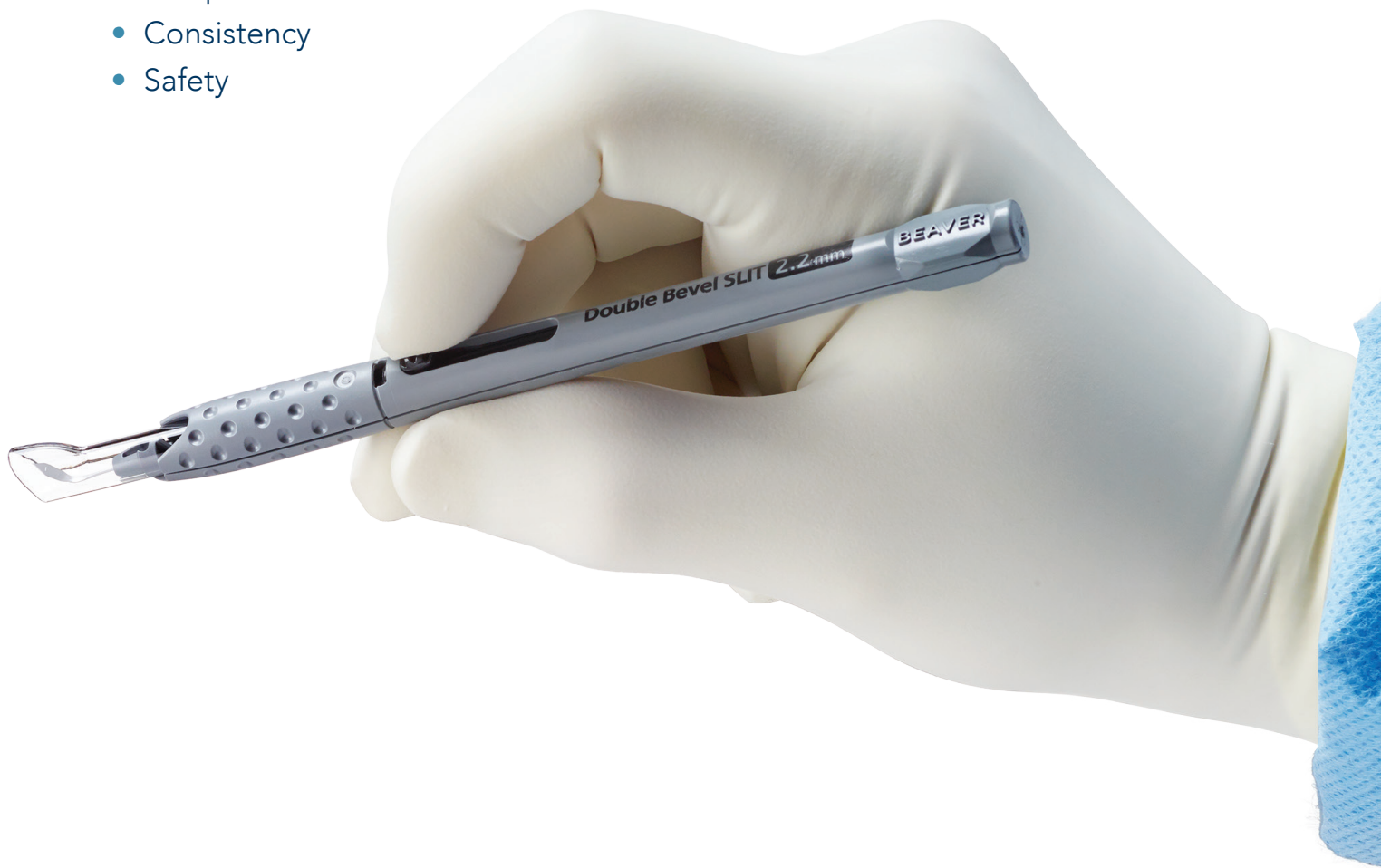
BVI

Beaver[®] Safety Knives

A Legacy of Excellence

A world class leader in high-quality surgical blades that are distinguished by:

- Sharpness
- Consistency
- Safety



Sharpness, Consistency, Safety

Sharpness

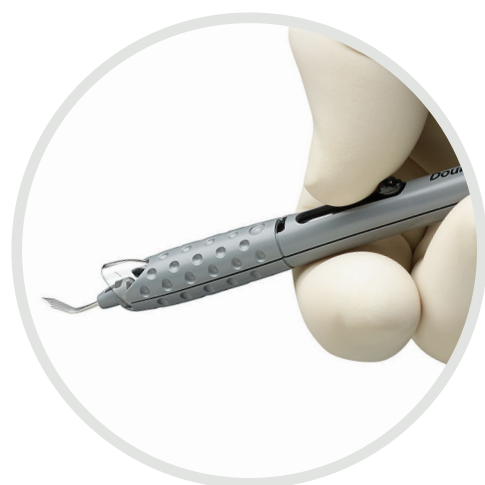
- Enhanced sharpness enables surgeon to easily maneuver blade optimizing incision architecture
- Designed to deliver exceptional precision and quality

Consistency

- Advanced proprietary manufacturing process delivers consistency in blade sharpness
- Safety shield protects blade against inadvertent damage ensuring a consistent incision

Safety

- True no-look, single-hand activation
- Integrated retractable shield prevents sharps injuries during handling and use
- Easily activated by surgeon with a slider that provides tactile, visual and audible feedback
- Safety shield does not interfere with the surgeon's grip, offering better control during use



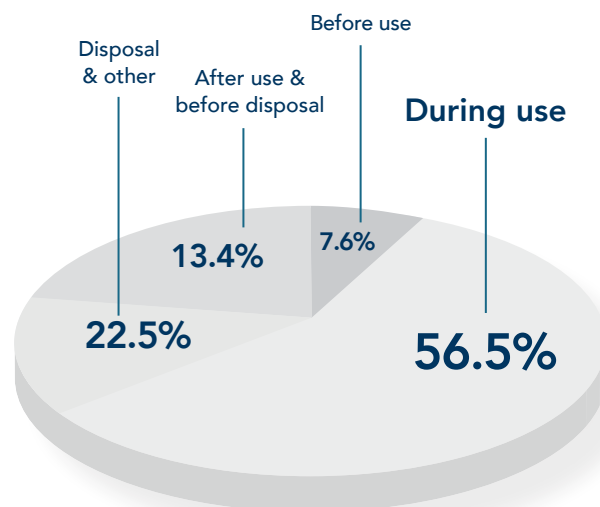
Healthcare Worker Safety — More Important Than Ever!

31% of 18M US healthcare workers
At risk for needlestick and sharps-related injuries^{2,3}

Over 1000 sharps injuries per day
Sustained by US hospital healthcare workers⁴

- Sharps injuries present the risk of transfer of highly infectious diseases, including HIV, Hepatitis B and Hepatitis C
- Cost of injury: Single exposure incident can range up to \$3500 Chronic incident costs may range between \$500,000 to \$1 million:⁵
- OSHA regulations require compliance to implement available safety technology

EPINet Needlestick and Sharps injuries 2012¹



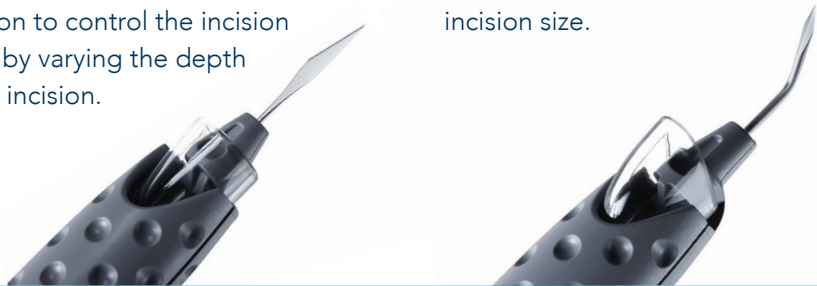
Complete Portfolio

Paracentesis/ Sideport Knives

These knives are designed to create precise, consistent and fluid tight stab incisions.

The **Optimum® Safety Sideport knives** enable the surgeon to control the incision width by varying the depth of the incision.

The angled **Safety Sideport** knives create a consistent incision size.

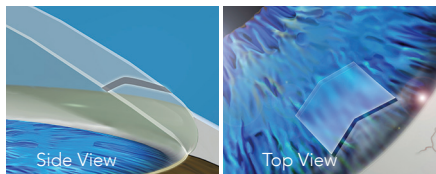
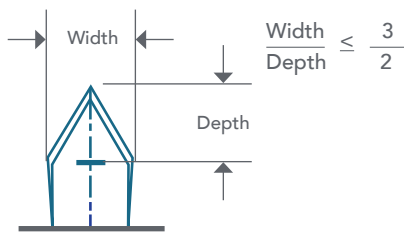


Phaco Slit/ Keratome Knives

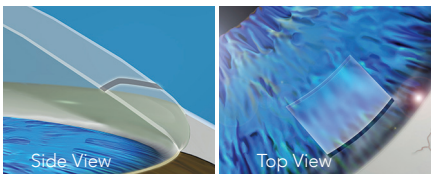
These knives are designed to make a precise incision size to accommodate the phaco tip.

The **Xstar® Safety Slit knives** are designed for smooth penetration and accurate incision width.

- Available in a wide range of sizes (1.4 – 3.2 mm)
- Single Bevel (Bevel up) and Double Bevel blade configurations
- Reference line guides a multi-planar incision



Single Bevel Incision



Double Bevel Incision

Knife sizes	Reference line from tip
1.8mm and 2.0 mm	1.75 mm
> 2.0 mm	2 mm



Crescent Knives

These knives are designed to create optimal scleral tunnel architecture. They can also be used for trabeculotomy and lamellar dissections.



Available in angled, bevel up configuration

¹ International Healthcare Worker Safety Center, University of Virginia. U.S. EPINet Sharps Injury and Blood and Body Fluid Exposure Surveillance Research Group. Sharps Injury Data Report for 2012, 597 total injuries. Report available at <https://internationalsafetycenter.org/wp-content/uploads/2014/12/2012-NeedleSummaryReport2.pdf>

² Healthcare Wide Hazards - Needlestick/Sharps Injuries, https://www.osha.gov/SLTC/etools/hospital/hazards/sharps/sharps.html#needlestick_injuries

³ CDC Healthcare Workers, <http://www.cdc.gov/niosh/topics/healthcare/>

⁴ CDC Sharps Safety Complete Workbook, <http://www.cdc.gov/sharpsafety/pdf/workbookcomplete.pdf>; CDC Stop Sticks Campaign, <http://www.cdc.gov/niosh/stopsticks/sharpsinjuries.html>

⁵ 2000 Federal Needlestick Safety and Prevention Act - FAQ, <http://www.orprecautions.com/needlestickact.html>

Beaver® Safety Knives

Beaver® Safety Sideport MVR Knives	
Description	Item #
0.60 mm (23G)	378233
1.0 mm	378210
1.15 mm (20G)	378231
1.2 mm	378212

Beaver® Optimum Safety Sideport Knives	
Description	Item #
15 degrees, straight	378235
22.5 degrees, straight	378236
30 degrees, straight	378237
45 degrees, straight	378238

Beaver® Xstar® Safety Slit Knives		
Description	Single Bevel	Double Bevel
1.4 mm, 45 degrees	378214	–
1.5 mm, 45 degrees	378215	–
1.7 mm, 45 degrees	378217	–
1.8 mm, 45 degrees	378218	–
2.0 mm, 45 degrees	378220	–
2.2 mm, 45 degrees	378222	378822
2.3 mm, 45 degrees	378223	–
2.4 mm, 45 degrees	378224	378824
2.5 mm, 45 degrees	370145	378825
2.6 mm, 45 degrees	370146	–
2.65 mm, 45 degrees	–	378826
2.75 mm, 45 degrees	378227	378827
2.8 mm, 45 degrees	378228	378828
2.85 mm, 45 degrees	–	378829
3.0 mm, 45 degrees	378230	378830

Beaver® Xstar® Safety Crescent Knife	
Description	Item #
2.5 mm, angled 55 degrees, bevel up	378234

DESIGNED TO MEET
OSHA
SAFETY REQUIREMENTS

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