

37 deg
+/- 3



Non-glare Finishing

45 deg +/- 5 Bend

Ø 0.85mm

ExactEtch Knife Catalog

Primary, Implant & Scleral Incision Knives

Trapezoid:

Our most popular design, the trapezoid configuration, helps the surgeon realize a self-planing, self-sealing incision with reduced leakage, increased maneuverability and no accidental enlargement.

Clear Corneal:

Tapered, non-symmetrical double bevels, a very thin profile, and width/depth indicators are the main features of our clear corneal blades. All these features combine to help you create a straight incision that helps eliminate induced astigmatism and is self-sealing. The indicators are at 1.5, 1.75, and 2.0mm.

Slit:

A staple in cataract surgery for years, our slit knives feature thin profiles to reduce drag and tissue distortion. Available in a wide range of sizes and bevel configurations to best suit your needs.

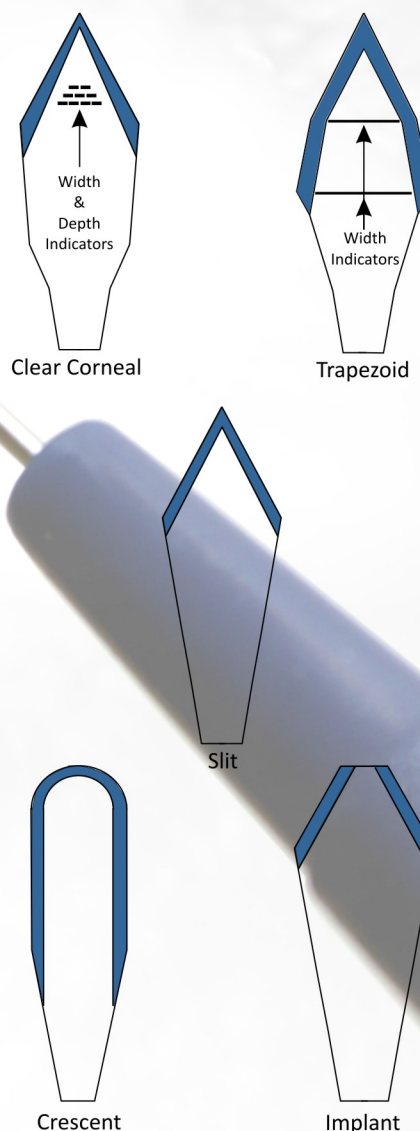
Crescent:

Designed to create a smooth scleral shelf, our ExactEtch crescent knife's consistent sharpness helps eliminate tissue drag and promotes a self-sealing incision.

Implant:

Designed to precisely widen the initial primary incision to better facilitate insertion of non-foldable and other larger lenses.

ExactEtch Primary, Implant & Scleral Item Numbers	
Blade Configuration and Size	Item Number
Trapezoid, 1.6/1.8, Angled	2625K
Trapezoid, 1.9/2.4, Angled	2620K
Clear Corneal, 3.2mm, Angled	2525K
Clear Corneal, 3.0mm, Angled	2520K
Clear Corneal, 2.85mm, Angled	2515K
Clear Corneal, 2.75mm, Angled	2510K
Clear Corneal, 2.65mm, Angled	2505K
Slit, Single Bevel, 3.2mm, Angled	2330K
Slit, Single Bevel, 3.0mm, Angled	2325K
Slit, Single Bevel, 2.85mm, Angled	2320K
Slit, Single Bevel, 2.75mm, Angled	2315K
Slit, Single Bevel, 2.65mm, Angled	2310K
Slit, Double Bevel, 2.4mm, Angled	2380K
Slit, Double Bevel, 2.2mm, Angled	2300K
Slit, Single Bevel, 2.0mm, Angled	2376K
Slit, Single Bevel, 1.8mm, Angled	2374K
Crescent, 2.0mm, Bevel Up, Angled	2210K
Implant, 4.0mm, Angled	2405K
Implant, 5.2mm, Angled	2410K
Implant, 5.5mm, Angled	2411K
Implant, 6.0mm, Angled	2415K



Side Port, Vitrectomy & Precision Depth Knives

Paracentesis – MVR Style:

Designed to create consistent, accurate and self-sealing side port incisions.

Stab:

Our most popular side port configuration, this classic design features a strong, true point for effortless penetration.

Precision Depth:

To create your Limbal Relaxing Incision, our single formed design creates a knife with precise dimensions and the dual cutting edges allow for incisions in either direction.

Paracentesis – Slit Style:

Designed to create a 1.0mm incision based on our slit knife configuration.

Vitrectomy:

Our Vitrectomy knives create the perfect incision to provide access to posterior segment instruments and probes while virtually eliminating wound leaks.

ExactEtch Side Port, Vitrectomy & Precision Depth Item Numbers	
Blade Configuration and Size	Item Number
Paracentesis, MVR Style, 1.1mm, Angled	2175K
Paracentesis, MVR Style, 1.2mm, Angled	2180K
Paracentesis, MVR Style, 1.4mm, Angled	2170K
Stab, 15 Degree, Straight	2105K
Stab, 22.5 Degree, Straight	2110K
Stab, 30 Degree, Straight	2115K
Stab, 45 Degree, Straight	2120K
Stab, 15 Degree, 3mm Restricted Depth	2125K
Stab, 15 Degree, 3mm Restricted Depth, Tip Only	2126K
Precision Depth, 600μ, Straight	2160K
Paracentesis, Slit Style, 1.0mm, Straight	2378K
Vitrectomy, 19g, Straight	2710K
Vitrectomy, 20g, Straight	2705K
Vitrectomy, 20g, Angled	2700K
Vitrectomy, 23g, Straight	2720K
Vitrectomy, 23g, Angled	2715K
Vitrectomy, 25g, Straight	2725K



Stab



Paracentesis
MVR Style



Paracentesis
Slit Style



Vitrectomy



Precision
Depth

About ExactEtch Knives

Diamatrix employs a proprietary process ExactEtch™ Technology, to manufacture incisional instruments that are consistently sharp and dimensionally precise.

Exact Sharpness

ExactEtch™ Technology's non-grinding process begins by obtaining a high quality stainless steel that is hardened and tempered to a uniform strength and toughness. This process produces a structure that can be finished to ensure a consistently sharp, precise cutting edge.

Exact Consistency

ExactEtch™ Technology virtually assures that the last blade is as sharp and dimensionally precise as the first. The process to form the various configurations utilizes high purity carbon tools that produce a constant product dimension. These precision tools are relatively wear-free compared to the continued variations found in using traditional grinding methods. Our automated manufacturing minimizes operator handling to achieve unparalleled consistency.

Exact Design

ExactEtch™ Technology offers unlimited geometric shapes not readily achievable with traditional grinding methods used to fabricate most steel and diamond incisional instruments. These endless geometries are attained with unprecedented thinness and strict dimensional tolerances.

Please contact our customer service team at 281-367-8081, or toll free in North America at 800-867-8081, to find out more about our ExactEtch™ Technology and to request an evaluation of your favorite size.



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