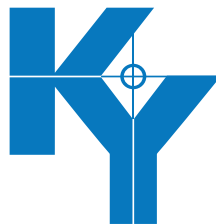


REDEFINING THE EDGE

SPECTACLE LENS TOOLING



Standard diamond inserts and
Cutters for Schneider, Satisloh,
Optotech, Coburn and MEI.



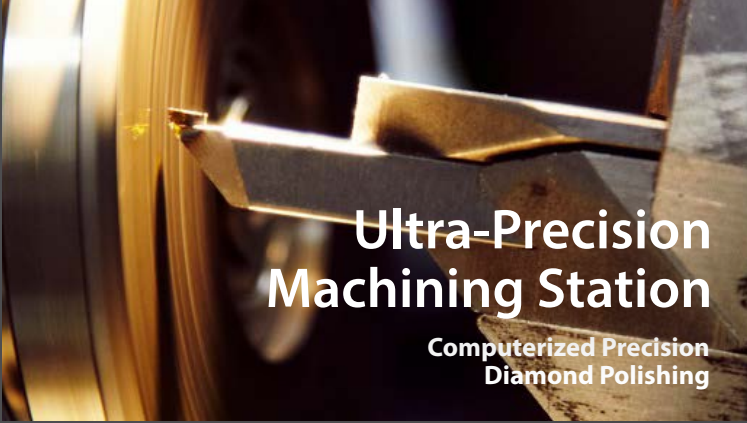
DIAMOND

www.kydiamond.ca


Ultra precision Diamond Tools Manufacturer

PROCESS

K&Y Diamond has leveraged knowledge gained through their precision optical fabrication partners in order to purchase and design custom manufacturing and metrology platforms that are used in the diamond edge shaping process. These devices include ultra-precision machine tools, Taylor Hobson surface profilometers (both contact and non-contact) and a scanning electron microscope. Our unmatched capabilities are your advantage. We are truly redefining the edge.



Ultra-Precision Machining Station
Computerized Precision Diamond Polishing



Optical Reading
Contactless Profile Profiling

Resolution
0.2 nanometers


Accuracy
2.0 nanometers Pt

Inspection Capacity
100 tools/day



Radius 1.5462 mm
Pln 2.9225 mm
Pv 0.0486 μm
Pp 0.0294 μm

Tolerance Specs.
Pt 0.0780 μm



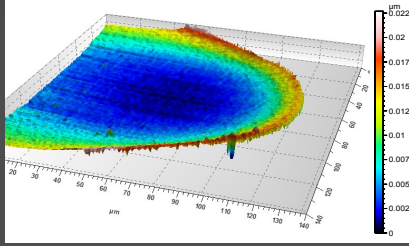
Scanning Electron Microscope
Nanometer Precision Quality Assessment

Interferometer

Measuring range
40 mm

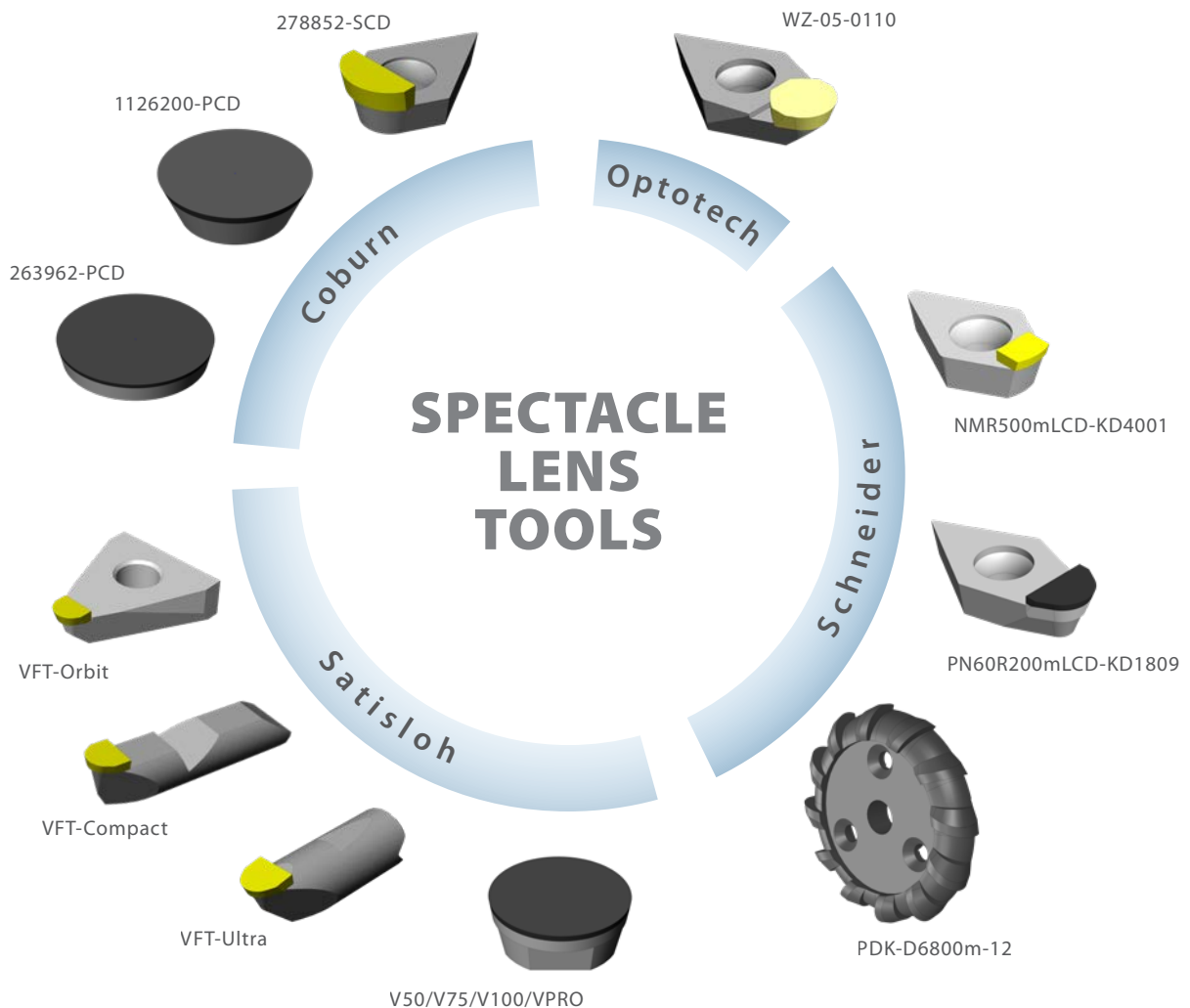
Resolution
0.1 nm

Built in anti-vibration



A CLEAR EDGE

K&Y Diamond is a world-leading provider of single crystal diamond tooling, PCD inserts, and PCD generators used on spectacle lens generators from manufacturers such as Coburn, Optotech, Satisloh, Schneider, MEI and even custom built machines. K&Y Diamond combines a half-century of diamond cutting and shaping experience, with state-of-the-art ultra-precision machine tools and metrology to provide world class accuracy and durability with every K&Y Diamond tool. From the humble beginnings of providing diamond tooling and repair service to the jewelry industry, to tools being used today for machining the lenses for deep space exploration, K&Y Diamond has established a name synonymous with excellence, integrity and unmatched value.



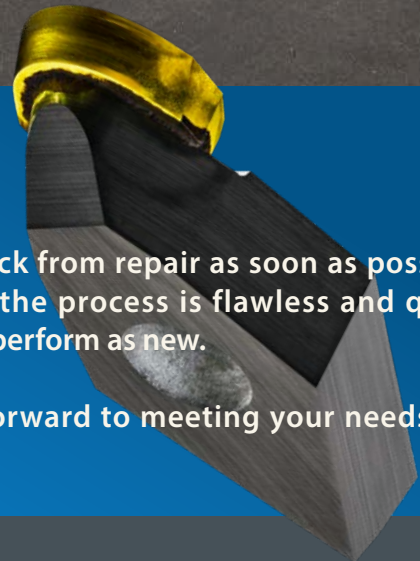
STATE OF THE ART LABORATORY



TOOL REPAIR/RELAP

We are aware of the importance of getting your tools back from repair as soon as possible, and our experienced and dedicated team ensures that the process is flawless and quick. When your repaired tools are shipped back to you, they will perform as new.

We are grateful for all of our loyal customers and look forward to meeting your needs and expectations as we continue redefining the edge!



K&Y Diamond
1801 Boul. Saint Regis
Dollard-des-Ormeaux, QC, H9B 2M9
CANADA

sales@kydiamond.ca
T.: 514 676 0640 F.: 514 676 0645

USA Customers, please send all tools for repair to:

NFI Industries
c/o K&Y Diamond Ltd.
2002 Ridge Road
Champlain, NY, USA 12919