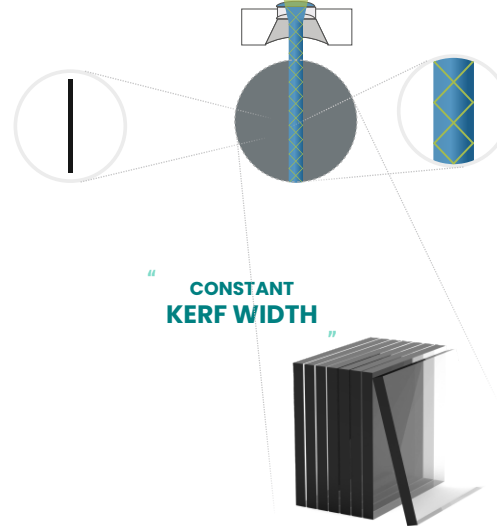


# Hydorix

NEXT GENERATION  
WLG TECHNOLOGY



“  
CONSTANT  
KERF WIDTH  
”

[info@Hydorix.com](mailto:info@Hydorix.com) | +(91) 70 696 99911

# Hydorix

YOUR PARTNER  
FOR ENGINEERING PRECISION

[www.Hydorix.com](http://www.Hydorix.com)

## WHY HYDORIX?

Hydorix brings cutting-edge innovation and unmatched cutting precision with WLG technology, tackling industrial challenges across sectors like aerospace, automotive, electronics, tools, and semiconductors. Designed for the highest level of accuracy, pinpoint precision, and exceptional micromachining, Hydorix maximizes productivity with unparalleled material processing capabilities and ultra-high quality results.

### UNMATCHED PRECISION AND SPEED

Hydorix delivers superlative cutting accuracy and ultra-fast speeds, perfect for intricate designs and complex operations. With ultra-high quality finishes, it eliminates post-processing and ensures consistent uniformity with near to zero taper.

### SUPERIOR QUALITY AND CLEAN PROCESS

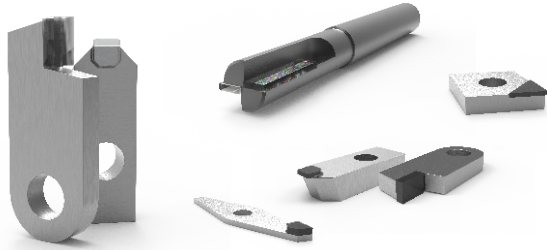
Hydorix guarantees flawless cuts with smooth edges and no irregularities. The process minimizes heat impact, preserving material integrity and ensuring a clean, debris-free workspace.

### PERFECT FOR SENSITIVE MATERIALS

Ideal for delicate materials, Hydorix ensures precision cutting without heat distortion, meeting the strict demands of industries like semiconductors and medical devices.

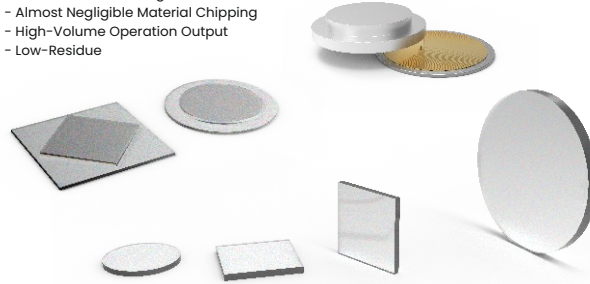
## INDUSTRIAL TOOLING

- Optimized for Faster Operations
- Fine Edge Detailing
- Precision-Engineered Multi-Tip Tools
- Clean Surface Finish
- Tight Tolerance Cutting Angles
- Oxidation-Free Surface Finish



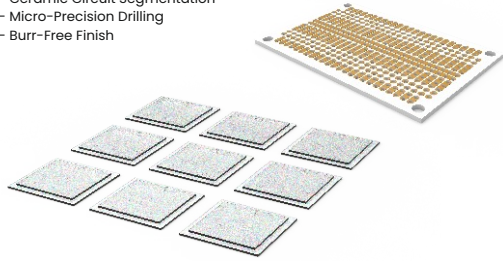
## OPTICS & PHOTONICS

- Greater Tensile Strength
- Almost Negligible Material Chipping
- High-Volume Operation Output
- Low-Residue



## ELECTRICAL AND ELECTRONICS

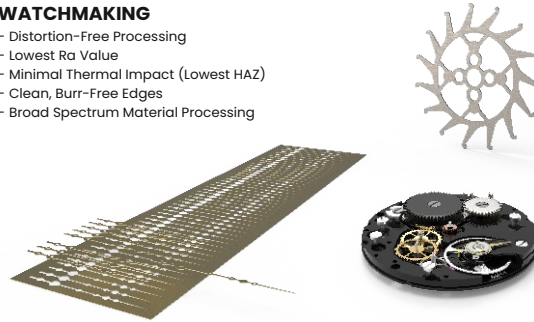
- Ceramic Circuit Segmentation
- Micro-Precision Drilling
- Burr-Free Finish



# INDUSTRIES

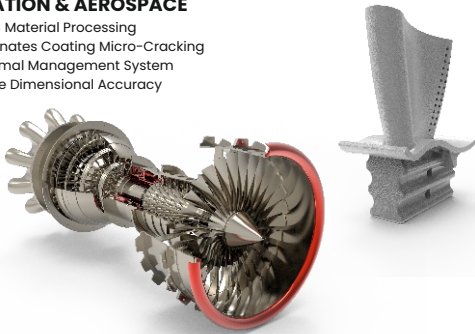
## WATCHMAKING

- Distortion-Free Processing
- Lowest Ra Value
- Minimal Thermal Impact (Lowest HAZ)
- Clean, Burr-Free Edges
- Broad Spectrum Material Processing



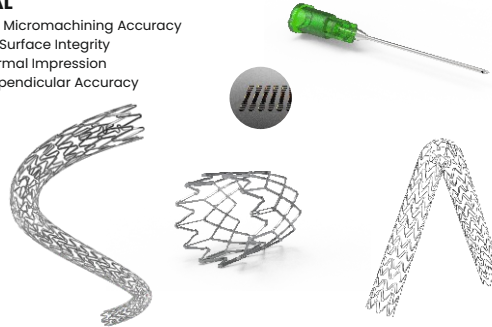
## AVIATION & AEROSPACE

- CMC Material Processing
- Eliminates Coating Micro-Cracking
- Thermal Management System
- Close Dimensional Accuracy



## MEDICAL

- Precision Micromachining Accuracy
- Flawless Surface Integrity
- Zero Thermal Impression
- Ideal Perpendicular Accuracy



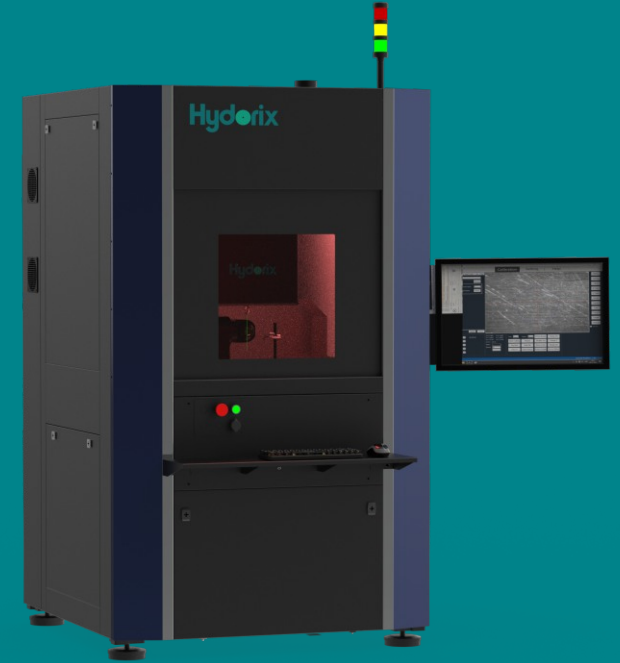
## AUTOMOTIVE INDUSTRY

- No Alteration to Material Properties
- Maximizes Operational Lifespan
- Optimized for Dynamic Operations
- Fine-Tuned Dimensional Precision



## JEWELRY & GEMSTONES

- Straight Vertical Edges with No V-Shape
- Lowest Weight Degradation
- Burr-Free Hole Perimeter
- Diamond Hour Markers or Bezels in Watchmaking
- Achieving the Highest Number of Slices from CVD Crystal
- Quality-Assured Process for Repetitive Large-Scale Production



# Hydorix

PRECISION IN EVERY MICRON

## MATERIAL PROCESSING

- Advanced Composites
- All sort of Special Alloys
- Ferrous & Non-Ferrous Metals
- Precious Metals
- Tungsten
- Carbides
- Natural Diamond
- HPHT Diamond
- CVD Diamond
- Polycrystalline Diamond (PCD)
- Ceramic Matrix Composite (CMC)
- Ceramics
- Nickel Foils
- Nitinol
- Photolithography
- Platinum-Iridium
- Polycrystalline Cubic Boron Nitride (CBN)
- Silicon Carbide

## APPLICATIONS

- 3D Form Cuts
- Bruting
- Coring
- Cutting
- Dicing
- Edge Grinding
- Edge Trimming
- Micro-Machining
- Hole-Drilling
- Prototyping
- Shaping
- Slicing