



Digital Generator Cutting Tools



2mm Diamonds

- Clear, high quality diamond - no inferior yellow material.
- Full Tangent radius. Not a partially generated arc.
- 100% traceability including serialization, diamond wear, diamond removal, lab technician, lab station, date work performed and overall diamond history.
- Your tools will be returned to you and not another lab.
- Custom edge prep provided to best suit lab requirements.



SL-ORB2 – New 2mm diamond for Orbit

SL-CVFT2 – New 2mm diamond for Compact

SL-VFT2 – New 2mm diamond for Ultra

SCH-2 – New 2mm diamond for Schneider and SatisLoh

COB-2 – New 2mm diamond for Coburn

Tool Life Study: 12 retrues Total Cuts: 4,000 cuts per tool x 13 = 52,000 **Cost per cut: 3¢**



PCD Milling Disks

- Precision ground to 8 micron tolerance.
- Extended life edge prep.
- Less machine down time.
- Dynamic radius certification to verify radius size while cutting.
- Balance certification for all new and retrue tools = G2.5 @ 32,000 rpm.
- New coating developed to protect against chip wash and corrosion.

SL-12 – New VFT 12-Blade

SCH-12 – New 12-Blade One-piece HSK Style (HSK-E, HSK-A, or HSK-C)

SCH-8 – New 8-Blade, one-piece HSK style (HSK-E, HSK-A or HSK-C)

Tool Life Study: 1 retrue Total Cuts: 50,000 cuts/disk x 2 = 100,000 **Cost per cut: ≥2¢**

Digital & Conventional Generator Cutting Tools



11mm PCD Generator Inserts

- Precision ground to 8 micron tolerance per set of 8.
- Extended life edge prep.
- Laser etched diamond for easy index identification.
- New cutter body design with diamond coated locating pin for extended life.
- Precision balanced as complete assembly.
- Custom edge prep provided to best suit your labs lens material



laser etched
diamond

135 – New 11mm PCD Insert for V50, V75 and VFT Orbit, Ultra & Compact (set of 8)

Tool Life Study: 5 retrues Total: 16,000 cuts x 4 indexes = 64,000 cuts per blade
6 uses per blade x 64,000 cuts = 384,000 total cuts per blade **Cost per cut: 1¢**





Conventional Generator Tools



107



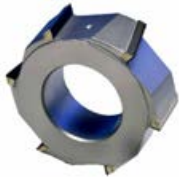
SL-AX32

Generator Cutter Blades

107 – For Optronics Vista & 2G, 3/8" tapered shank, 22mm Ball nose Endmill

SL-AX32 – For Axiom /2G Turbo, 32mm PCD ball (12,000 - 15,000 cuts, 2 or more retrues)

Edging Tools



ES3 Cribbing Cutter

SL-ES3 – For ES3 edgers



Cutter Blades

119 – Carbide for 6E, 6ES, 7E & 7EA (300 cuts)



119X – Extended Life Carbide for 6E, 6ES, 7E & 7EA (up to 800 cuts, depending on product mix) Work extremely well on extended range jobs and extra thick lenses.

129 – Diamond PCD for 6E, 6ES, 7E & 7EA (12,000 - 15,000 cuts)



MEI Edging Tools

- Quality tools made to OEM's exact specifications.
- Standard calibration as with OEM bits, no special procedures.
- Fits all MEI machines.
- Strong, milling bit reduces the number of snapped bits as well as producing cleaner circular holes with improved cutting from side to side.
- PCD tools can be resharpened up to 3x depending on the tool for 40% savings.

Manufactured by:



PSI Retip/Re-true Program

Types of Services Available:

ReLap - Re-sharpen to factory new condition

Re-True - Re-sharpen, balance and calibrate to factory new condition

Retip - Retip with new diamond, balance and calibrate to factory new condition

How to Order Service

1. Call PSI Customer Service at 800-237-8154.
2. Identify service needed.
3. PSI Customer Service provides a PO number and address to send the product to.
4. Send product to address provided and indicate PO number on shipping label
5. Product will be serviced and returned to your location.



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