EcoLine nozzles provide waterjet operators an economical option for light to medium duty applications, while still delivering industry-leading consistency, performance, and quality from Kennametal ROCTEC nozzles. Great choice for training new operators and applications with frequent nozzle breakage.

Kennametal ROCTEC nozzles applications include:
- Aerospace
- Automotive
- Medical
- Defense
- Energy
- Electronics
to provide greater dimensional accuracy and longer uninterrupted cuts with measured repeatability.

Kennametal ROCTEC - the leader in carbide nozzle technology, offering unmatched wear resistance and performance. Make sure your waterjet machines have ROCTEC nozzles. Available only from Kennametal Authorized Distributors.

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ROCTEC™ EcoLine
Rough cutting & severing (in glass), marble applications with open tolerance

ROCTEC™ 100
Industry workhorse, fit-for-use performance

ROCTEC™ 500
Most trusted for consistent, accurate cutting

ROCTEC™ APX
Newest technology delivers peak precision and life

[Graph: Nozzle Run Time vs. Bore Growth]

<table>
<thead>
<tr>
<th>ROCTEC™ APX</th>
<th>ROCTEC™ 500</th>
<th>ROCTEC™ 100</th>
<th>ROCTEC™ EcoLine</th>
<th>Traditional Carbide Nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elapsed Time (Hours)</td>
<td>0.04</td>
<td>0.044</td>
<td>0.048</td>
<td>0.052</td>
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<tr>
<td>Exit Bore Size (Inches)</td>
<td>0.04</td>
<td>0.044</td>
<td>0.048</td>
<td>0.052</td>
</tr>
</tbody>
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