FIRST CHOICE FOR TURNING STAINLESS STEEL

Lamina’s expertise in coatings and sub-micron substrates has allowed us to offer the best products on the market. Lamina’s new Magia Pro LT 1120M turning grade combines an exceptional sub-micron substrate with a cutting edge CVD coating to provide the best performance in turning stainless steels. Geometries are selected their ability to cut through stainless steels and to provide excellent chip control.

Our revolutionary new dedicated grade dedicated provides exceptional wear resistance and extended tool life.

INNOVATION IN TURNING

LT 1120M - SUB-MICRON, CVD GRADE

- Optimal balance between hardness and toughness
- Excellent for both stable and unstable conditions
- Works well in moderate to high speeds
- Outstanding wear resistance and extended tool life
- Enhanced built-up edge resistance

TEST RESULTS

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Material</th>
<th>Tool Life (parts)</th>
<th>Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNMG 150608 NX</td>
<td>SUS630</td>
<td>2</td>
<td>Vc (m/min) 150, fn (mm/rev) 0.5, Ap/doc (mm) 2.5, Coolant yes</td>
</tr>
<tr>
<td>CNMG 120408 NX</td>
<td>AISI 304</td>
<td>10</td>
<td>Vc (m/min) 200, fn (mm/rev) 0.12, Ap/doc (mm) 1.2, Coolant yes</td>
</tr>
</tbody>
</table>
Lamina Technologies strives to provide our customers the best products for their machining challenges. We continue to combine the best substrates, coatings and geometries per application.

Following the enormous success of our Magia Pro milling grade, LT 3130, Lamina continues to add grades to our product line.

MAGIA PRO
- Dedicated grades and selected geometries chosen for their impressive capabilities and extended tool life
- Extensive R&D investment in the development of cutting tools for specific materials and applications
- Magia Pro is a family of our highest performance dedicated grades

MAGIA
- Multi-Mat™ grades capable of outperforming the best on the market on most materials
- Highest performance Multi-Mat™ grades for top level machining and greatest versatility
- For customers that need ultimate performance and flexibility particularly in stops with short production runs

ALPHA
- Lamina’s original, pioneering universal grades
- Excellent performance at attractive price
- Best choice for machine shops with short product runs

For cutting conditions data and more information on our products, please visit us on our website.
www.lamina-tech.ch/products
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