THE BEST OPTION FOR STEEL TURNING

Lamina’s new Magia Pro LT1125P can significantly extend insert tool life. This is achieved with a combination of advanced substrate surface and coating technologies. The substrate includes both a hard heat resistant core to provide resistance to thermo mechanical load and a cobalt enriched surface zone to provide toughness.

The grade is coated with an advanced MT-CVD TiCN/Al2O3 coating that offers high resistance to abrasive wear. It also acts as a thermal barrier and has low chemical affinity to the workpiece material.

LT1125P is optimized to resist plastic deformation and has a good combination of wear resistance and toughness. These features make the grade the first option for roughing and finishing of ISO P materials. LT1125P can operate in a wide range of parameters including high cutting speed and high metal removal rates.

INNOVATION IN TURNING

LT 1125P – CVD GRADE
- Increased tool life
- Better reliability for machining all types of work pieces
- High wear resistance under demanding high temperature applications

TEST RESULTS

<table>
<thead>
<tr>
<th>Designation</th>
<th>Vc (m/min)</th>
<th>fn (mm/rev)</th>
<th>Ap/doc (mm)</th>
<th>Coolant</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNMG 120404-P5 LT 1125P</td>
<td>301</td>
<td>0.25</td>
<td>1</td>
<td>yes</td>
</tr>
<tr>
<td>CNMG 120408-P5 LT 1125P</td>
<td>301</td>
<td>0.25</td>
<td>1</td>
<td>yes</td>
</tr>
<tr>
<td>WNMG 080408-P5 LT 1125P</td>
<td>120</td>
<td>0.22</td>
<td>2</td>
<td>no</td>
</tr>
</tbody>
</table>

NEW CHIPBREAKER – MP

High Technology new chip breaker designed to reduce cutting forces and to provide excellent surface finish even in roughing operations.

Our MP chipbreaker offers high-performance in Steels in a wide range of cutting conditions. Consequently, it eliminates the use of different insert types for each application and therefore reduces the stocked items.

- Impact Resistance
- Efficient chip control
- Smooth cut

INITIAL PRODUCT RANGE

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