Carbide Single Roller Burnishing Tools
SRI Series

Features
- Speed of burnishing is same as turning speed
- Achievable surface finish upto 0.15 µRa
- Long tool life because of carbide roller
- Hardened component upto 40Rc can be burnished

Mech-India Carbide Single Roller Burnishing Tool have carbide roller mounted on bearing that rotates on hardened and ground axle. The carbide roller is spring loaded in the two axial directions for having the right pressure during the burnishing operation. The worn out carbide roller can be reconditioned by regrinding / lapping thus giving long tool life.

Carbide Single Roller Burnishing Tools SRI Series

Model: SRI 30 SQ35 R75

Model: SRI 45 SQ47 R300

Model: SRI 45 SQ47 R150
Carbide Single Roller Burnishing Tools
SRL Series

Features
- Low operating cost as less handling of parts
- Suitable for most CNC machines
- Longer tool life because roller is made of carbide
- Very high surface finish 0.1 to 0.2 µRa can be achieved

Applications:
The tool with carbide Roller is suitable for all outside surfaces including ODs of shafts, taper shaft, radii, shoulders etc. and can be used on CNC lathes, turret or conventional lathes. The turned surface can be burnished up to 0.1 - 0.2 µRa.

The tool, put in working position, follows the same way carried out by turning with the same RPM to obtain desired surface finish.

This changes your CNC turning centre to finishing centre by using Mech-India Carbide Single Roller Burning Tool.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TYPE</th>
<th>SHANK SIZE</th>
<th>CENTRE HEIGHT</th>
<th>X</th>
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<tbody>
<tr>
<td>SRL 32 HR</td>
<td>Right</td>
<td>32 mm</td>
<td>32 mm</td>
<td>45</td>
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<tr>
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<td>1”</td>
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<td>SRL 25 HR</td>
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<tr>
<td>SRL 20 HR</td>
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<td>20 mm</td>
<td>32</td>
</tr>
<tr>
<td>SRL 19.1HR</td>
<td>Right</td>
<td>19.1 mm</td>
<td>¾”</td>
<td>31.75</td>
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Carbide Single Roller Burnishing Tools
SRP Series
Plunger Type