The Well Miller® for hardware milling provides operators with a better way to repair wells with mechanical problems. Using only e-line tools, nipple profiles or other restrictions can be eliminated or increased, plugs can be removed, failed isolation valves can be milled through for production or access to deeper parts of the wellbore. The Well Miller® is run in combination with the Well Tractor® for precise control of weight on bit and to counter reactive torque.

**APPLICATIONS**
- Nipple profile milling
- Access through failed isolation valves
- Cement plug milling
- Enlargement of buckled tubing
- Bridge plug removal
- Glass plug milling

**FEATURES**
- Passive fail-safe system
- Modular
- Surface read-out
- Various bits based on objective
- Wide range of sizes
- Universal
- NACE compliant

**BENEFITS**
- No additional fluids required
- Provides access to TD
- Large range of ID’s accessible
- Accurate depth control
- Operates on any e-line via DC

**SPECIFICATIONS***

<table>
<thead>
<tr>
<th></th>
<th>IMPERIAL</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>12.2 ft</td>
<td>3.7 m</td>
</tr>
<tr>
<td>Running OD nominal</td>
<td>3 1/2”</td>
<td>89 mm</td>
</tr>
<tr>
<td>Weight in air</td>
<td>95 lbs</td>
<td>43 Kg</td>
</tr>
<tr>
<td>Minimum completion ID</td>
<td>3.6”</td>
<td>91.4 mm</td>
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<tr>
<td>Maximum well pressure</td>
<td>25,000 psi</td>
<td>1,720 bar</td>
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<tr>
<td>Maximum well temperature</td>
<td>338 F</td>
<td>170 °C</td>
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<tr>
<td>Tensile strength</td>
<td>42,000 lbs</td>
<td>19,000 Kg</td>
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<tr>
<td>Compressive strength</td>
<td>50,000 lbs</td>
<td>22,700 Kg</td>
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</tbody>
</table>

*Dependent upon configuration