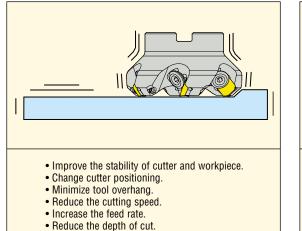
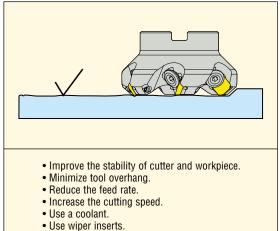
## Milling - Troubleshooting

## Vibrations



## Poor surface finish



## Tool life problems

Rapid flank wear	<ul> <li>Reduce the cutting speed.</li> <li>Increase the feed rate.</li> <li>Climb milling.</li> </ul>
Rapid notch wear	<ul> <li>Reduce the cutting speed.</li> <li>Increase the feed rate.</li> <li>Increase the depth of cut.</li> <li>Climb milling.</li> <li>Change cutter positioning.</li> </ul>
Chipping	<ul> <li>Increase the cutting speed.</li> <li>Reduce the feed rate.</li> <li>Conventional milling.</li> <li>Improve chip evacuation.</li> <li>Change cutter positioning.</li> <li>Minimize tool overhang.</li> <li>Improve stability.</li> </ul>

Comb cracks	<ul> <li>Reduce the cutting speed.</li> <li>Reduce the feed rate.</li> <li>No coolant.</li> <li>Change cutter positioning.</li> </ul>
Built up edge	<ul> <li>Increase the cutting speed.</li> <li>Increase the feed rate.</li> <li>No coolant.</li> <li>Climb milling.</li> <li>Change cutter positioning.</li> </ul>