



Technical Tip #139 – Stacking Tolerances Affect Center Height for Turning

Center height should always be checked after installing a new tool.

The tolerances of the tool shank and pocket, along with the tolerances of the insert, could affect the overall center height.

It is possible for the tool to become above center, or in some cases, below center. Most machines do not take this into consideration.

The machine is manufactured to a specific height and tolerance, which in turn might affect your center height. The improper center height will cause the tool to perform incorrectly.

This why it is important to check the center height after a new tool is installed.