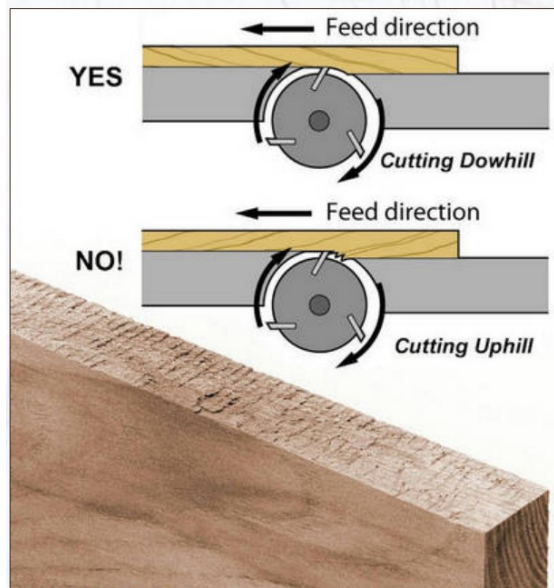


Jointing and Planing with the Grain

Bob Penoyer
April 16, 2021

Jointing and planing “with the grain” is also referred to as “cutting downhill.” This technique helps to limit tear-out. The pictures presented here make these concepts clearer.

Jointing with Grain



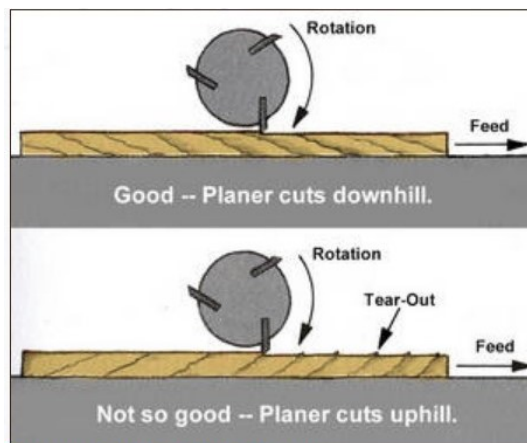
JOINTING WITH THE GRAIN

*If the wood chips and tears as you cut it, you are cutting against the grain. (This is sometimes called “cutting uphill.”) Turn the wood around and feed it in the opposite direction to cut with the grain (“downhill”).**

Source:

https://workshopcompanion.com/KnowHow/Techniques/Jointing_Planing/2_Jointing_KnowHow/2_Jointing_KnowHow.htm

Planing with the Grain



PLANING WITH THE GRAIN

1 *To avoid tearing and chipping, the knives must cut “downhill” on the grain slope.*

Source:

https://workshopcompanion.com/KnowHow/Techniques/Jointing_Planing/3_Planing_KnowHow/3_Planing_KnowHow.htm