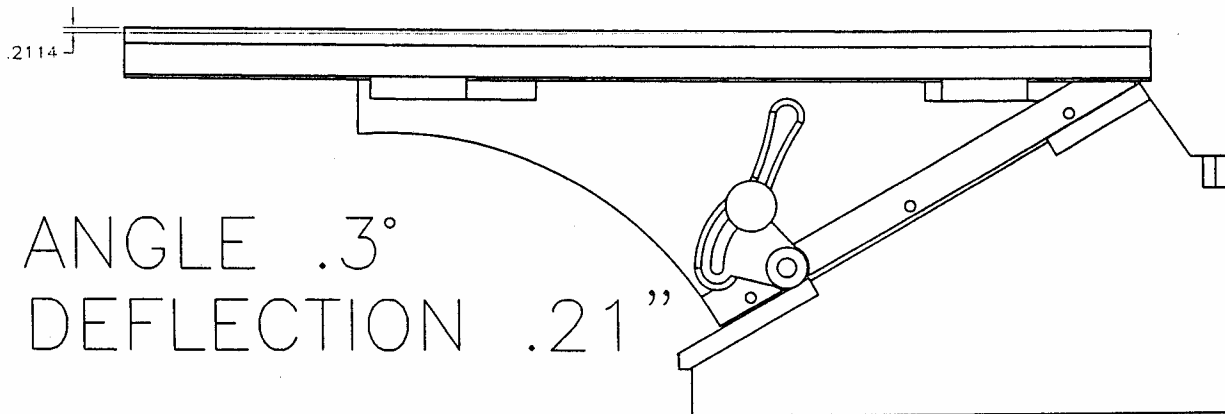


TECH TIPS JOINTER SPRING JOINT ATTACHEMENTS

Definition of a spring joint – An edge glued joint that has more compression at the ends to compensate for moisture loss from the end grain.

NORTHFIELD Heavy Duty Jointers manufactured from the 1930's until 1961 and patternmaker jointers until 1978, had spring joint attachments as standard equipment.

The spring joint attachment consisted of a two position camshaft located at the bottom of the out feed vee block. When rotated counter clockwise approximately 60° , it allowed the far end of the out feed table to drop out of the plane in relation to the cutter head cutting circle and the in feed table by approximately $7/32$ ".



When a piece of stock was edge jointed with the out feed table in this “down” position, a convex cut was generated allowing the formation of a spring joint.

The “spring joint attachment” is not to be confused with a “draft attachment” which allows the side of the in feed table to tilt sideways in relation to the cutter head cutting circle and out feed table. This is the attachment that makes a jointer into a patternmaker's jointer, as it allows you to plane “draft” or a bevel onto pattern ribs so that they may be drawn from the sand molds in the foundry.

Northfield Foundry & Machine Company
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