Celebrating
50 *years of service*

D&R

Saw and Tool, Inc.

"Serving with Integrity, Honor & Pride"

Since 1966

Dallas, Texas

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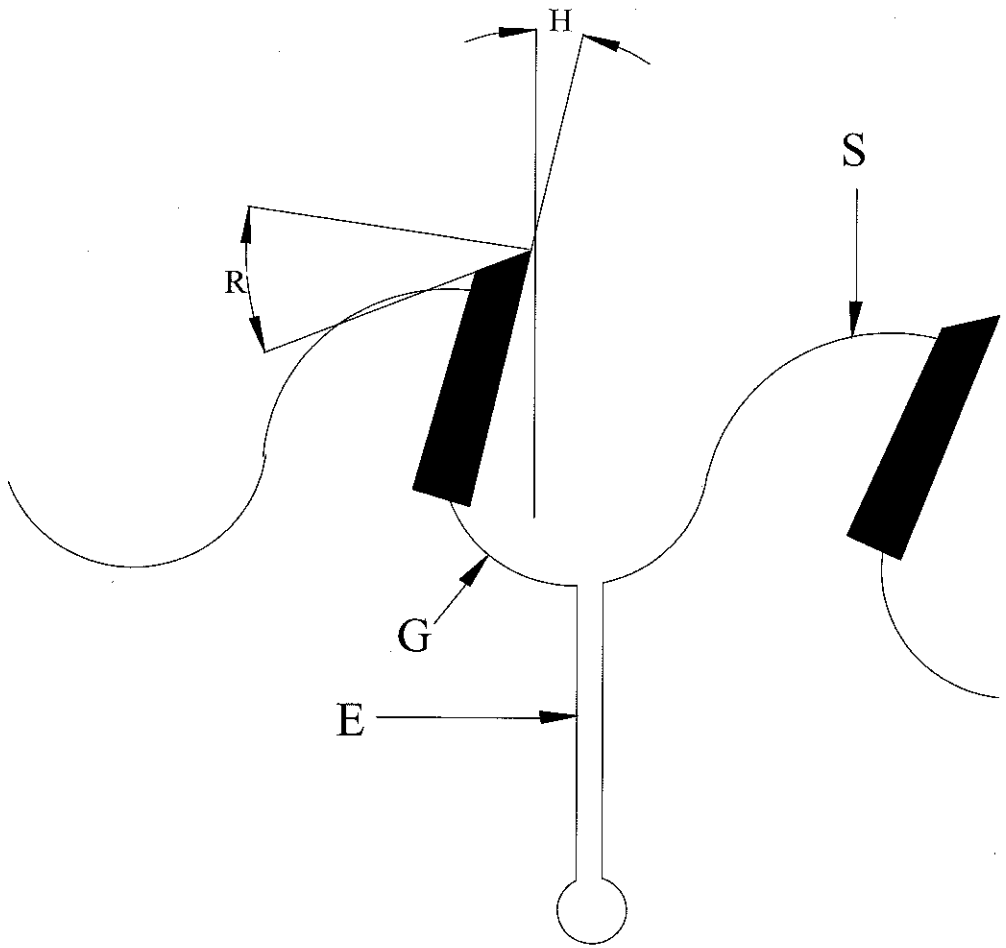
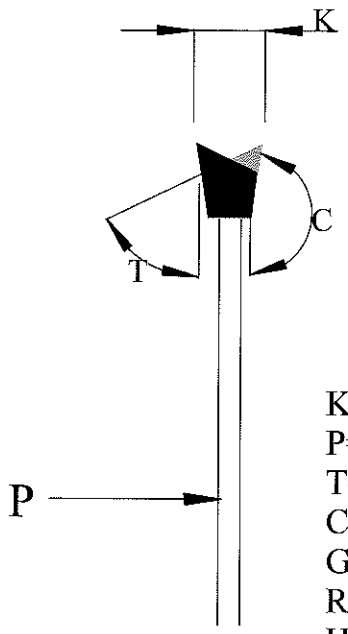
Saw Blade Terminology





K=Kerf
P=Plate
T=Top Bevel Angle
C=Radial Side Clearance
G=Gullet
R=Relief Angle
H=Hook Angle
S=Shoulder
E=Expansion Slot

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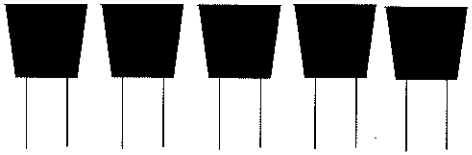
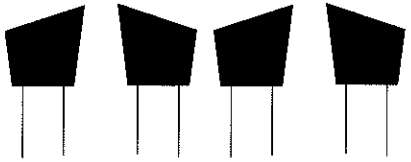
Top Grinds



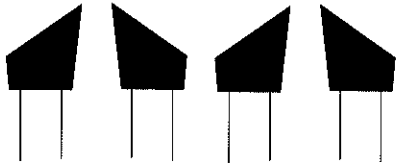
Flat Top Grind (FTG)

*Ripping Solid Wood (With Grain)



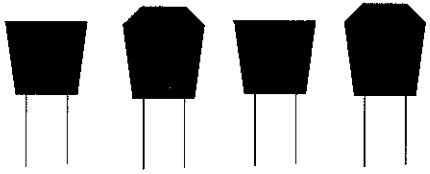
Alternate Top Bevel (ATB)

* General Sizing of Natural Woods



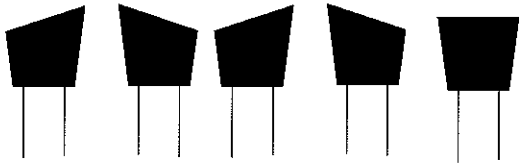
Hi-ATB

* Higher Angle (+30") Double Sided Veneer



Triple Chip Grind (TCG)

* High Production, MDF, Plastics



Combination (4+1)

* All Around Use, Picture Frame

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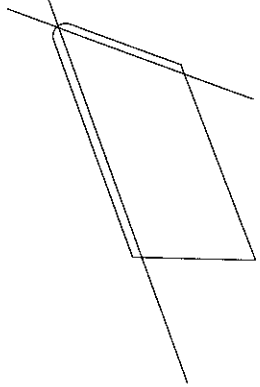
Edge Wear

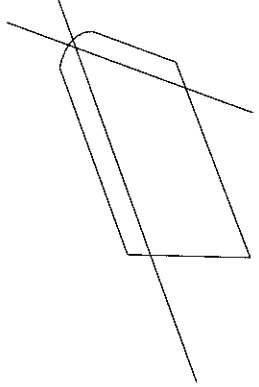
* Cutting tools wear constantly when they are being used. Normal wear is not cause for concern but should be watched for abnormal wear or tool breakage. These could be an indication of an improper operating procedure.

* Overextending the sharpening cycle is a false gain. The production gained at the tail end of the cycle is of poor quality and greatly accelerates wear at the cutting edge. Sharpening will restore the tool but at a considerable loss of tooth material reducing the number of sharpenings.

Normal Wear



Excessive Wear



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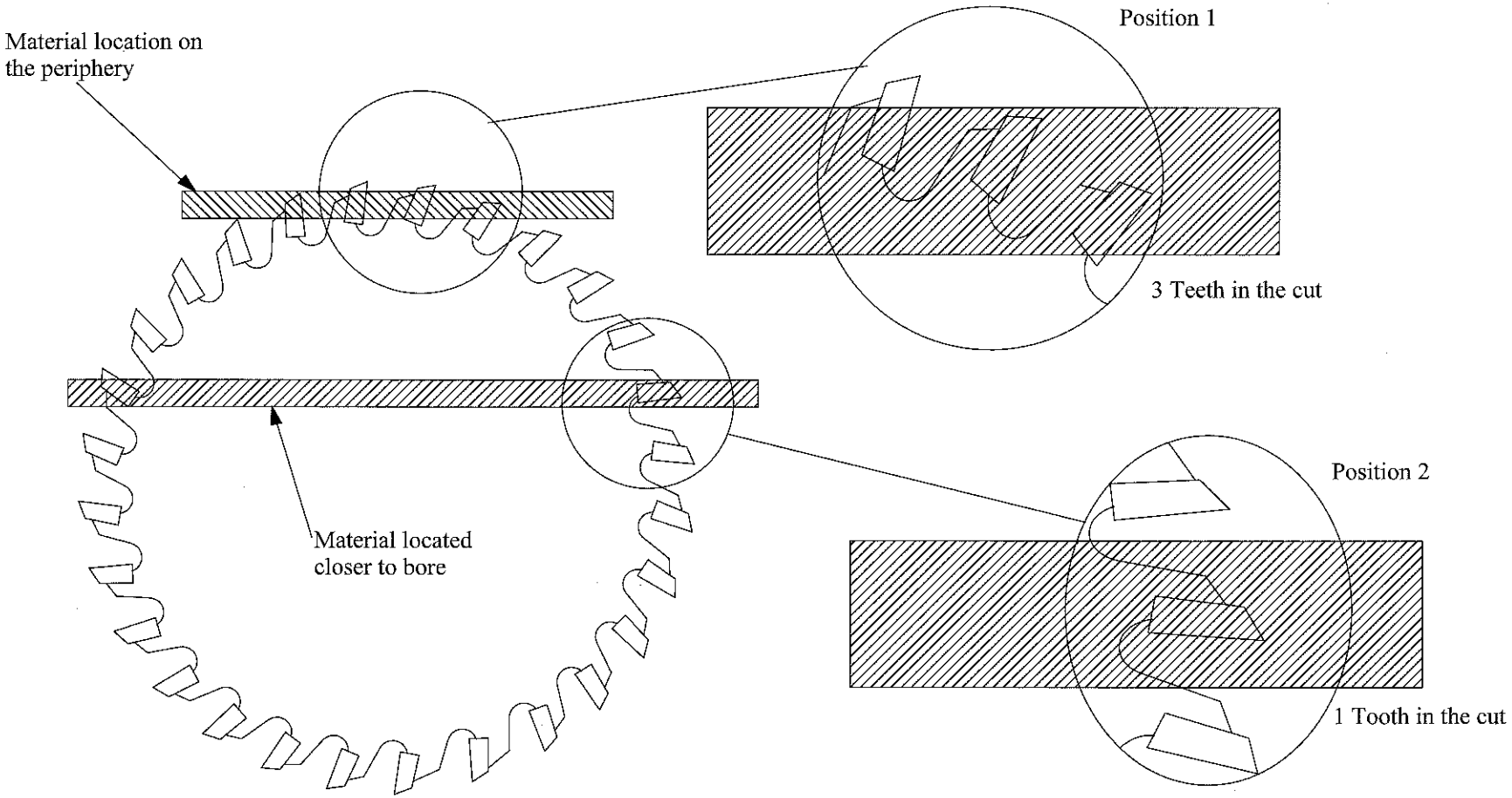
Changing The Cutting Position



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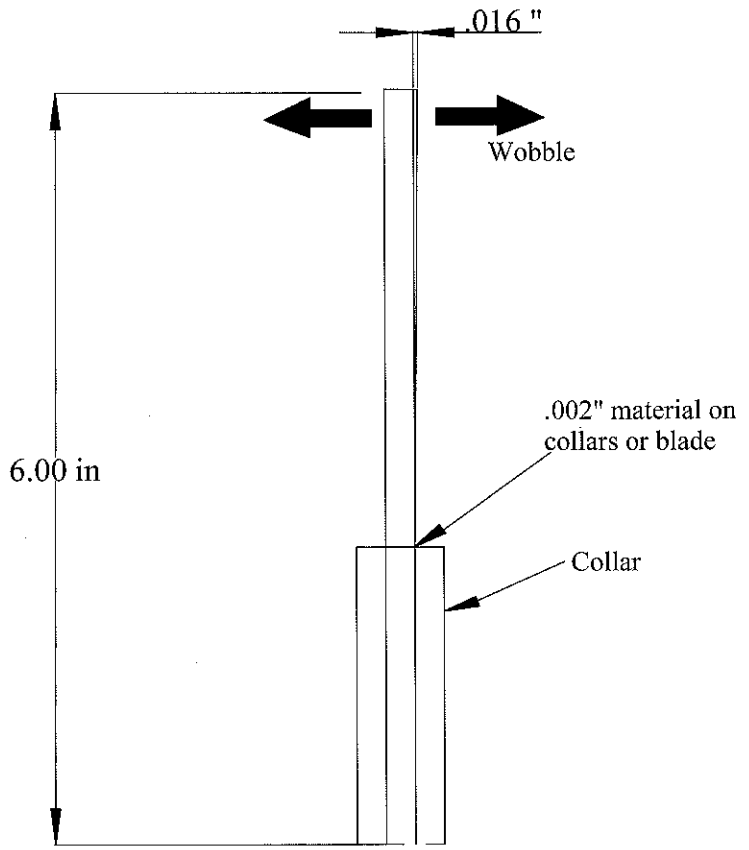
Cleaning the Blade and Arbor

* Well....A dirty collar has a tremendous effect on the end product.

* A particle as small as .002" on a 12" diameter saw blade will cause .016" runout on the cutting diameter

* This runout is a left/right movement

*This can cause poor finishes on the side of the material (score marks), as well as chipped material.



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Thank you for your time.

Questions?