

Purpose Intended: Cutting Qualities

Grades of Cuttings	A (Flawless)	B	C (Sash only)
Rate of Growth Measure best end for each cutting	6 rings/inch	6 rings/inch	6 rings/inch
Slope of Grain	1 in 8	1 in 8	1 in 8
Pockets	NOT PERMITTED	Size of cutting is compared to the basic size	1 Small not thru 1/16" x 6" or 1/8" x 4" or 1/4" x 2" *
Pitch Streaks			light pitch *
Stain			no limit

Notes

1. **Cuttings** are measured starting where wood is free of grain distortion around knots and knot holes
2. **Cuttings** can be measured right up to wane, bruises or sawcuts (where the defect ends cuttings may start)
3. In vertical grain lumber, **spike knots/edge knots** are considered to extend through the piece of the to the other edge if they do not run out on to the wide face
4. **Sash cuttings** are not counted in recovery until #3 Shop

Cutting Types	Wide Cuttings 10", 11", 12"	Medium Cuttings 6", 7", 8"	Narrow Cuttings 3", 4", 5"	Sash Cuttings #3 Shop ONLY
Size	9 1/4 " or wider 18" and Longer	5" or wider 36" (3') and Longer	Full width cuttings in 3" and 4" ONLY 3' and Longer	Sash (#3 Shop only) 2-1/2", 3-1/2", 4-1/2" widths 28" and Longer
Grade	A (Flawless Cuttings)	A and/or B cuttings	A and/or B cuttings	C cuttings or better
Shop Grades	Select Shop	#1 Shop	#2 Shop	#3 Shop
Faces Graded	Poorest face determines the grade!			
Percentage of Recovery	70% or more A and/or B Cuttings	50% A and/or B Cuttings	33 1/3% A and/or B Cuttings	50% Sash Cuttings or 30% or more Sash plus 10% or more A / B Cuttings

Measuring Recovery

1. **Full Width** - recovery is based on total lineal inches
- $\frac{\text{Length of cuttings} \times 100}{\text{Length of piece}} = \% \text{ of cuttings}$
2. **Other** - either not full width or a mixture of cuttings
- recovery is based on total square inches
- $\frac{\text{Total Square Inches of Cuttings} \times 100}{\text{Total Square Inches of Piece}} = \% \text{ of cuttings}$

