

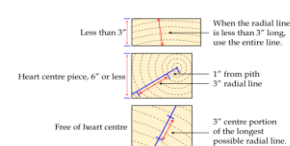


*R List Dimension 3" & thicker, up to not including 6"*  
**WORST CHARACTERISTIC DETERMINES THE GRADE**

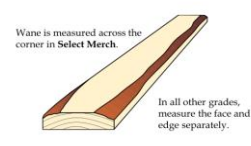
*All Species Except WRC*  
**Purpose Intended: Strength**

Grades	Select Merchantable			No. 1 Merchantable			No. 2 Merchantable		No. 3 Common		
Faces Graded	Graded on all faces and both ends - <b>WORST CHARACTERISTIC DETERMINES THE GRADE!</b>										
Rate of Growth	Close - 6 Rings per inch			Medium - 4 Rings per inch			no limit		no limit		
Pockets	Medium (1/8" x 8")			Medium (1/8" x 8")			no limit		no limit		
Splits	1/2 width of piece			short - width of piece			2 x width of piece		1/4 length of piece		
Slope of Grain	1 in 8			1 in 8			1 in 6		1 in 4		
Wane	Slight = 1/2" across corner			1/6 Width x 1/3 Length or equiv 1/4T x Max 1/4 Width			1/3 Width x 1/2 Length or equiv 1/2T x Max 1/2W		1/2 Width x 2/3 Thickness Full Length Max 1/2 Width		
Sapstain	50% med. (Hem. = 100% Medium)			50% med. (Hem. = 100% Medium)			no limit		no limit		
Heartstain	<div>Not Permitted</div>			25% Volume			no limit		no limit		
Pin Holes				10 / sq.ft. (50% more in concentrated area)			30 / sq.ft. (50% more in concentrated area)		no limit		
Grub/Teredo							1 per square foot		no limit		
Shake							through - up to 2' long not thru - greater of 3' or 1/4 Length up to 3/4T			through - several 1/3 Length not through - Full Length 3 face - limited to 1/6 Length - > 3/4T	
White Specks							25% volume, through			no limit	
Honeycomb									streaks		
Unsound Wood									Spots = 1 1/2" x nominal width or equivalent area, every 2'		
Knots	S&T	NFF	Holes	S&T	NFF	Holes	Any Quality	Holes	Any Quality	Holes	
Nominal Widths 4"	1 1/4"	none	none	1 1/2"	1"	none	2"	none	2 1/2"	2 1/2"	
Nominal Widths 6"	1 1/2"	none	none	1 3/4"	1 3/16"	none	2 1/2"	none	3"	3"	
Nominal Widths 7"	1 5/8"	none	none	1 7/8"	1 1/4"	none	2 3/4"	none	3 1/4"	3 1/4"	
Nominal Widths 8"	1 3/4"	none	none	2"	1 5/16"	none	3"	none	3 1/2"	3 1/2"	
Nominal Widths 9"	1 7/8"	none	none	2 1/4"	1 1/2"	none	3 1/4"	none	3 3/4"	3 3/4"	
Nominal Widths 10"	2"	none	none	2 1/2"	1 5/8"	none	3 1/2"	none	4"	4"	
Nominal Widths 12"	2 1/2"	none	none	3"	2"	none	4"	none	5"	5"	
Spike knots = same displacement as allowable round knots											

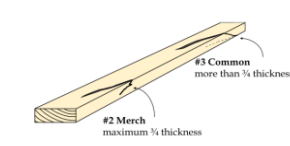
Rate of Growth



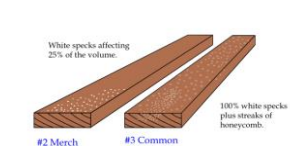
Wane



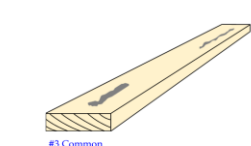
Edge Shake



White Specks and Honeycomb



Unsound Wood



Knots

