

SHORTHAND GRADING GUIDE

STUD



SHORTHAND GUIDELINES - 2X3'S

Dry Lbr.	NO. 1	NO. 2	NO. 3 & STUD
2X3	1" Wood	3/4" Wood	Full Face
	CONST	STAND	UTIL
2X3	Full Face	1/2" Over	1 1/2" Over
Grn Lbr.	NO. 1	NO. 2	NO. 3 & STUD
	1 1/16" Wood	15/16" Wood	1/16" Wood
	CONST	STAND	UTIL
2X3	1/16" Wood	7/16" Over	1 7/16" Over

SHORTHAND GUIDELINES - WARP SUMMARY FOR STUD

CROOK	6'	7'	8'	9'	10'
2X3 2X4	3/16	7/32	1/4	5/16	3/8
	1/8	3/16	1/4	9/32	5/16

TWIST	6'	7'	8'	9'	10'
2X3 2X4	1/4	5/16	3/8	13/32	7/16
	3/8	5/32	9/16	5/8	11/16

BOW	6'	7'	8'	9'	10'
2X3 2X4	3/8	7/16	1/2	15/16	1 3/8

**Most Important Limitation

TOTAL MEASUREMENT RULES FOR STUD GRADERS

Dry Lbr.	No. 1		No. 2		No. 3 & STUD	
	Edge	Combo	Edge	Combo	Edge	Combo
2x4	About 1/2 The Face	1/2" Wood	About 2/3 The Face	1/2" Over	About Full Face	1 1/2" Over
2x6		1" Wood		1/4" Wood		2" Wood
Dry Lbr.						
2x4		9/16" Wood		7/16" Over		1 7/16" Over
2x6		1 1/8" Wood		1/8" Over		1 7/8" Over
		CONST Any Knot		STAND Any Knot		UTIL Any Knot

ABOUT THE TOTAL MEASUREMENT RULES

Total Measurement (TM) is a practical method of quickly and accurately judging the grade of any knot on the production line. TM is the SUM of all of the parts of the knot which must be measured eliminating the need to determine the average knot size. Applying TM to grade any shape knot: Compare the observed Total Measurement (TM) of the knot to the twice the knot size allowed in the rules while using the width of the piece as a guide when estimating the knots total (TM).

NEED MORE INFO?

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