



DESIGN VALUES FOR JOISTS AND RAFTERS

2012 EDITION

SUPPLEMENT TO SPAN TABLES FOR JOISTS AND RAFTERS

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AMERICAN WOOD COUNCIL

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TABLE OF CONTENTS

Table W-1 Design Values for Joists and Rafters - Visually Graded Lumber

Species or Species Combination	Species that may be Included in the Combination	Page
Alaska Cedar.....		1
Alaska Hemlock		1
Alaska Spruce	Alaska Sitka Spruce, Alaska White Spruce	2
Alaska Yellow Cedar		2
Aspen	Big Tooth Aspen, Quaking Aspen	3
Baldcypress		3
Beech-Birch-Hickory	American Beech, Bitternut Hickory, Mockernut Hickory,	4
	Nutmeg Hickory, Pecan Hickory, Pignut Hickory, Shagbark Hickory, Shellbark Hickory, Sweet Birch, Water Hickory, Yellow Birch	
Coast Sitka Spruce		4
Cottonwood		5
Douglas Fir-Larch.....	Douglas Fir, Western Larch	5
Douglas Fir-Larch (North)	Douglas Fir, Western Larch	6
Douglas Fir-South		6
Eastern Hemlock-Balsam Fir	Balsam Fir, Eastern Hemlock, Tamarack.....	7
Eastern Hemlock-Tamarack	Eastern Hemlock, Tamarack	7
Eastern Softwoods	Balsam Fir, Black Spruce, Eastern Hemlock, Eastern White Pine,	8
	Jack Pine, Norway (Red) Pine, Pitch Pine, Red Spruce, Tamarack, White Spruce	
Eastern White Pine		8
Hem-Fir.....	California Red Fir, Grand Fir, Noble Fir, Pacific Silver Fir,	9
	Western Hemlock, White Fir	
Hem-Fir (North).....	Amabilis Fir, Western Hemlock	9
Mixed Maple	Black Maple, Red Maple, Silver Maple, Sugar Maple.....	10
Mixed Oak	All Oak Species graded under NELMA rules	10
Mixed Southern Pine	Any species in the Southern Pine species combination, plus	11
	either or both of the following: Pond Pine, Virginia Pine	
Northern Red Oak.....	Black Oak, Northern Red Oak, Pin Oak, Scarlet Oak	11
Northern Species	All species graded under NLGA rules	12
	except Red Alder, White Birch, and Norway Spruce	
Northern White Cedar		12
Red Maple.....		13
Red Oak	Black Oak, Cherrybark Oak, Laurel Oak, Northern Red Oak, Pin.....	13
	Oak, Scarlet Oak, Southern Red Oak, Water Oak, Willow Oak	
Redwood		14
Southern Pine	Loblolly Pine, Longleaf Pine, Shortleaf Pine, Slash Pine.....	15
Spruce-Pine-Fir	Alpine Fir, Balsam Fir, Black Spruce, Engelmann Spruce,	16
	Jack Pine, Lodgepole Pine, Red Spruce, White Spruce	
Spruce-Pine-Fir (South)	Balsam Fir, Black Spruce, Engelmann Spruce, Jack Pine,	16
	Lodgepole Pine, Norway (Red) Pine, Red Spruce, Sitka Spruce, White Spruce	
Western Cedars	Alaska Cedar, Incense Cedar, Port Orford Cedar,	17
	Western Red Cedar	
Western Woods.....	Any species in the Douglas Fir-Larch, Douglas Fir-South,	17
	Hem-Fir, and Spruce-Pine-Fir (South) species combinations, plus any or all of the following: Alpine Fir, Idaho White Pine, Mountain Hemlock, Ponderosa Pine, and Sugar Pine	
White Oak	Bur Oak, Chestnut Oak, Live Oak, Overcup Oak, Post.....	18
	Oak, Swamp Chestnut Oak, Swamp White Oak, White Oak	
Yellow Cedar		18
Yellow Poplar.....		19
Table W-2 Design Values for Joists and Rafters - Mechanically Graded Lumber		21

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