

SPECIFIED STRENGTHS & MODULUS OF ELASTICITY

:: DOUGLAS FIR - LARCH ::

		24f-E	24f-EX	20f-E	20f-EX	16c-E
Bending Moment (pos.)	fb	30.6	30.6	25.6	25.6	14.0
Bending Moment (neg.)	fb	23.0	30.6	19.2	25.6	14.0
Longitudinal Shear	fv	2.000	2.000	2.000	2.000	2.000
Compression parallel	fc	30.2	30.2	30.2	30.2	30.2
Compression parallel combined with bending	fc	30.2	30.2	30.2	30.2	30.2
Compression perpendicular	fc					
– compression face bearing		7.0	7.0	7.0	7.0	7.0
– tension face bearing		7.0	7.0	7.0	7.0	7.0
Tension net section	ftn	20.4	20.4	20.4	20.4	20.4
Tension gross section	ftg	15.3	15.3	15.3	15.3	15.3
Tension perpendicular to grain	ftp	0.83	0.83	0.83	0.83	0.83
Modulus of elasticity	E	13100	13100	12400	12400	12400