

TECHNICAL DATA

RSSTM

**RSSTM ULTIMATE LATERAL VALUES (Z)
 FOR SINGLE SHEAR (TWO-MEMBER) CONNECTIONS
 [For Sawn Lumber or SCL with Both Members of Identical Specific Gravity]**

FASTENER DESIGNATION	SIDE MEMBER THICKNESS, t_s (inches)	FASTENER PENETRATION, p (inches)	ULTIMATE LATERAL VALUE, Z (pounds)		
			FOR SPECIFIC GRAVITIES OF:		
			0.55		
			Parallel to Grain, $Z_{ }$	Perpendicular to Grain, Z_{\perp}	
RSS	1/4 x 2 1/2"	3/4	1 5/8	876	875
	1/4 x 2 3/4"	3/4	2		
	1/4 x 3 1/8"	3/4	2 3/8		
	1/4 x 3 1/2"	3/4	2 3/4		
	5/16 x 2 1/2"	3/4	1 5/8	1068	916
	5/16 x 2 3/4"	3/4	2	1088	890
	5/16 x 3 1/8"	3/4	2 3/8		
	5/16 x 3 1/2"	3/4	2 3/4		
	5/16 x 4"	1 1/2	2 3/8		
	5/16 x 5 1/8"	1 1/2	3 1/2	1667	1417
	5/16 x 6"	2	3 7/8	1857	1286
	3/8 x 3 1/8"	3/4	2 3/8	2360	1446
	3/8 x 4"	1 1/2	2 3/8	1253	1098
	3/8 x 5 1/8"	1 1/2	3 5/8	1443	1454
	3/8 x 6"	2	3 7/8	1369	1321
	3/8 x 7 1/4"	2 3/4	4 1/4	1625	1440
	3/8 x 8"	3 1/2	4 3/8	2964	1518
	3/8 x 10"	3 1/2	6 1/4		
3/8 x 12"	3 1/2	8 3/8			
3/8 x 14 1/8"	3 1/2	10 5/8			
3/8 x 16"	3 1/2	12 1/8			
LPS	1/4 x 6"	3	2 7/8	1789	1093
	1/4 x 8"	5	2 7/8		
	1/4 x 9"	6	3		
	1/4 x 10"	7	2 7/8		
	1/4 x 11"	8	2 7/8		
	1/4 x 12"	9	2 3/4		
	1/4 x 14"	11	2 7/8		
LTF	3/8 x 8"	4	3 7/8	2779	2008
	3/8 x 10"	6	3 7/8		
	3/8 x 12"	8	3 3/4		
	3/8 x 15"	11	3 3/4		
	3/8 x 18"	14	4		
3/8 x 20"	16	3 5/8			
PHEINOX RSS	1/4 x 2 1/2"	3/4	1 5/8	1077	925
	1/4 x 3 1/8"	3/4	2 3/8	906	873
	5/16 x 2 1/2"	3/4	1 5/8		
	5/16 x 3 1/8"	3/4	2 3/8	1884	1361
	5/16 x 4"	1 1/2	2 3/8		
	5/16 x 5 1/8"	1 1/2	3 5/8		
5/16 x 6"	2	3 7/8			
JTS	1/4 x 3 3/8"	1 3/4	1 5/8	830	983
	1/4 x 5"	1 3/4	3 1/4	1203	1184
	1/4 x 6 3/4"	1 3/4	5		

For SI: 1 inch = 25.4 mm.

¹ Lateral load testing was performed in accordance with ASTM D 1761.

These figures are only offered as a guide and are not reduced by any safety factor.
 For safety factor requirements in your area, contact your local building official, architect or engineer.

TECH DATA