

# TECHNICAL DATA

## RSS<sup>TM</sup>

### RSS<sup>TM</sup> ULTIMATE WITHDRAWAL VALUES (*W*)

[Withdrawal Values (*W*) are in Pounds per Inch of Thread Penetration into Side Grain of Main Member]

FASTENER DESIGNATION and DIAMETER $\phi$		WITHDRAWAL, <i>W</i> (lbs./in.) FOR SPECIFIC GRAVITIES OF:	
		0.55	
RSS	$\phi$ 1/4	932	
	$\phi$ 5/16	1136	
	$\phi$ 3/8	1293	
LPS	$\phi$ 1/4	1006	
LTF	$\phi$ 3/8	1082	
PHE RSS	$\phi$ 1/4	936	
	$\phi$ 5/16	1012	
JTS	$\phi$ 1/4	954	

For SI: 1 inch = 25.4 mm; 1 lbf/in = 175.127 N/m.

<sup>1</sup> Fastener withdrawal was tested in accordance with ASTM D 1761.

<sup>2</sup> Withdrawal values (*W*) shall be multiplied by the length of thread penetration in the main member (including tip).

### RSS<sup>TM</sup> ULTIMATE PULL-THROUGH VALUES (*P*)

[Pull-Through Values (*P*) are in Pounds per Inch of Side Member Thickness]

FASTENER DESIGNATION and DIAMETER $\phi$		PULL-THROUGH, <i>P</i> (lbs./in.) FOR SPECIFIC GRAVITIES OF:	
		0.55	
RSS	$\phi$ 1/4	1840	
	$\phi$ 5/16	2697	
	$\phi$ 3/8	2332	
LPS	$\phi$ 1/4	2643	
LTF	$\phi$ 3/8	2493	
PHE RSS	$\phi$ 1/4	2085	
	$\phi$ 5/16	1702	
JTS	$\phi$ 1/4	2443	

For SI: 1 inch = 25.4 mm; 1 lbf/in = 175.127 N/m.

<sup>1</sup> Fastener pull-through testing was performed in accordance with ASTM D 1037 with 3/4" thick side members.

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.