

TECHNICAL DATA

RSSTM

TABLE 2 - RSSTM ULTIMATE WITHDRAWAL VALUES (*W*)¹
 [Withdrawal Values (*W*) Are in Pounds per Inch of Thread Penetration into Side Grain of Main Member]

FASTENER DESIGNATION and DIAMETER ϕ		WITHDRAWAL, <i>W</i> (lbs./in.)	
		FOR SPECIFIC GRAVITIES OF:	
		0.55	0.42
RSS	ϕ 1/4	932	756
	ϕ 5/16	1136	824
	ϕ 3/8	1293	898
LPS	ϕ 1/4	1006	641
LTF	ϕ 3/8	1082	816
PHE	ϕ 1/4	936	671
	ϕ 5/16	1012	682
JTS	ϕ 1/4	954	760

For SI: 1 inch = 25.4 mm

¹ Fastener withdrawal was tested in accordance with ASTM D 1761.

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

TABLE 3 - RSSTM ULTIMATE PULL-THROUGH VALUES (*P*)¹

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

FASTENER DESIGNATION and DIAMETER ϕ		PULL-THROUGH, <i>P</i> (lbs./in.)	
		FOR SPECIFIC GRAVITIES OF:	
		0.55	0.42
RSS	ϕ 1/4	1840	993
	ϕ 5/16	2697	1255
	ϕ 3/8	2332	1215
LPS	ϕ 1/4	2643	858
LTF	ϕ 3/8	2493	1263
PHE	ϕ 1/4	2085	1027
	ϕ 5/16	1702	1243
JTS	ϕ 1/4	2443	970

For SI: 1 inch = 25.4 mm

¹ 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 reduce by any safety factor.
 For safety factor requirements in your area, contact your local building official, architect or engineer.