

# Product Performance and Technical Data

Anchor Item No.	Application	For Threaded Rod Dia.	Fastener Orientation	UL-Listed Maximum Pipe Dia. (Inches)	FM** Approved Maximum Pipe Dia. (Inches)	Ultimate Pull-Out Values (Lbs.)							
						Concrete (3,000 PSI)	Wood ***	Steel Thickness					
								16 Ga.	14 Ga.	12 Ga.	1/8"	3/16"	1/4"
50911	Steel	1/4-20	Vertical	-	-	-	-	516	649	2,214	2,783	3,500	3,500
50912*	Steel	3/8-16	Vertical	4	4	-	-	3,500	3,500	3,500	3,500	3,500	3,500
50917*	Steel	3/8-16	Side-Mount	4	-	-	-	1,725	1,725	1,725	1,725	1,725	1,725
50913	Wood	1/4-20	Vertical	-	-	-	1,971	-	-	-	-	-	-
50914	Wood	3/8-16	Vertical	3-1/2	4	-	1,971	-	-	-	-	-	-
50918	Wood	3/8-16	Side-Mount	3-1/2	-	-	1,971	-	-	-	-	-	-
50915	Concrete	1/4-20	Vertical	-	-	2,752	-	-	-	-	-	-	-
50916	Concrete	3/8-16	Vertical	-	4	2,752	-	-	-	-	-	-	-

\*UL listed when used with nut \*\*FM = Factory Mutual \*\*\*1-1/2" minimum wood thickness

NOTE: Ultimate performance values are listed and were obtained in tests conducted in laboratory conditions. These figures are offered only as a guide.

A safety factor of 4:1 or 25% of ultimate pull-out value is generally accepted as a safe working load.