

Ultimate* Shear and Tension Values in Normal Weight Concrete

Anchor Dia. (Inches)	Embedment Depth Inches (mm)	200 PSI Tension (Lbs.)	200 PSI Shear (Lbs.)	4,000 PSI Tension (Lbs.)	4,000 PSI Shear (Lbs.)
3/8	1-1/2 (38.1)	2,226	3,012	3,281	4,994
3/8	2 (50.8)	3,086	4,505	5,788	4,994
1/2	2-1/2 (63.5)	3,540	6,084	5,743	6,877
1/2	3-1/2 (88.9)	8,700	6,639	10,219	7,134
1/2	4-1/2 (114.3)	11,081	8,462	12,070	8,462

**Allowable load should not exceed 25% of ultimate load values*