

TABLE NO.2 - PRO-POXY 300 FAST ALLOWABLE SHEAR VALUES FOR
THREADED ROD INSTALLED IN MINIMUM 2000 PSI CONCRETE ^{1,2,3,4,5}

Anchor Diameter (Inches)	Ba Diameter (Inches)	Embedment (Inches)	Allowable Steel Strength (lbs)		
			A36 A307	A193 B7	300 Series Stainless
3/8	7/16	3-3/8	1080	2350	1565
1/2	9/16	4-1/2	1930	4170	2900
5/8	3/4	5-5/8	3030	6520	4660
3/4	7/8	6-3/4	4360	9390	5880
7/8	1	7-7/8	5930	12780	8170
1	1-1/8	9	7740	16690	10730
1-1/4	1-3/8	11-1/4	12100	26070	17340

¹ The tabulated shear and tension values are for anchors installed in normal weight concrete having reached a minimum ultimate compressive strength f_c of 2000 psi at the time of installation.

² Spacing and edge distance shall be in accordance with Table No. 5.

³ Stainless steel values are based on ASTM F-353, cold worked condition strength.

⁴ Allowable loads may be increased by 33-1/3% for short term loading due to earthquakes or wind. A 36 & A 307 values must be used instead of listed values for higher strength steels for these loading conditions.

⁵ Pro-Poxy 300 Fast is recognized for installation in water-filled or moist holes, for use in locations subject to severe exterior weathering conditions and for resisting tension and shear loads due to earthquake and wind.