

TABLE 1 - EPOXY ALL-THREAD ANCHOR CAPACITIES***

			MIN. 3,000 PSI CONCRETE												
			EDGE OF SLAB (2")				EDGE OF SLAB (4")				INTERIOR OF SLAB				
MARK	ALL-THREAD ANCHOR (dia)	ROD ABOVE (dia)	EMBED. DEPTH (IN)	ALLOWABLE TENSILE CAPACITIES (LBS)	STRENGTH DESIGN CAPACITIES (LBS)	MIN. FOUND. DEPTH (IN)	EMBED. DEPTH (IN)	ALLOWABLE TENSILE CAPACITIES (LBS)	STRENGTH DESIGN CAPACITIES (LBS)	MIN. FOUND. DEPTH (IN)	EMBED. DEPTH (IN)	**MIN. EDGE DIST. (IN)	ALLOWABLE TENSILE CAPACITIES (LBS)	STRENGTH DESIGN CAPACITIES (LBS)	MIN. FOUND. DEPTH (IN)
E12-38	1/2"	3/8"	4½	2,200	3,520	11	4	2,900*	4,640*	10	3½	6	2,900*	4,640*	8
E12	1/2"	1/2"	4½	2,200	3,520	11	4½	3,065	4,905	11	5	8	5,150*	8,240*	12
E58-38	5/8"	3/8"	5⅝	2,900*	4,640*	13	3¾	2,900*	4,640*	9	3½	6	2,900*	4,640*	6
E58-12	5/8"	1/2"	5⅝	3,155	5,050	14	5⅝	4,125	6,600	14	5	7	5,150*	8,240*	12
E58	5/8"	5/8"	5⅝	3,155	5,050	14	5⅝	4,125	6,600	14	6¼	10	8,050*	12,880*	15
E34-12	3/4"	1/2"	7½	4,185	6,700	19	6¾	5,150*	8,240*	17	5¼	6	5,150*	8,240*	14
E34-58	3/4"	5/8"	7½	4,185	6,700	19	7½	5,350	8,560	19	6¾	9	8,050*	12,880*	16
E34	3/4"	3/4"	7½	4,185	6,700	19	7½	5,350	8,560	19	8¼	12	11,595*	18,552*	20
E78-58	7/8"	5/8"	8¾	5,450	8,720	22	8¾	6,800	10,880	22	6⅞	10	8,050*	12,880*	14
E78-34	7/8"	3/4"	8¾	5,450	8,720	22	8¾	6,800	10,880	22	7	12	11,595*	18,552*	20
E78	7/8"	7/8"	8¾	5,450	8,720	22	8¾	6,800	10,880	22	9⅝	16	15,785*	25,256*	22
E1-34	1"	3/4"	10	6,750	10,800	24	10	8,250	13,200	24	11	8	11,595*	18,552*	20
E1-78	1"	7/8"	10	6,750	10,800	24	10	8,250	13,200	24	10	14	15,785*	25,256*	24
E1	1"	1"	10	6,750	10,800	24	10	8,250	13,200	24	12	21	20,615*	32,984*	24
E98-78	1-1/8"	7/8"	N/A	N/A	N/A	N/A	10	8,700	13,920	24	9¾	14	15,785*	25,256*	24
E98-1	1-1/8"	1"	N/A	N/A	N/A	N/A	10	8,700	13,920	24	11½	20	20,615*	32,984*	24
E98	1-1/8"	1-1/8"	N/A	N/A	N/A	N/A	10	8,700	13,920	24	13½	25	26,090*	41,744*	24
E108-1	1-1/4"	1"	N/A	N/A	N/A	N/A	12½	9,200	14,720	24	12½	20	20,615*	32,984*	24
E108-98	1-1/4"	1-1/8"	N/A	N/A	N/A	N/A	12½	9,200	14,720	24	13¾	26	26,090*	41,744*	24
E108	1-1/4"	1-1/4"	N/A	N/A	N/A	N/A	12½	9,200	14,720	24	16¼	34	32,210*	51,536*	24

* STEEL TENSILE CAPACITY OF ANCHOR OR THREADED ROD ABOVE CONTROLS
 ** MINIMUM DISTANCE FROM EDGE OF SLAB TO ANCHOR CENTERLINE TO BE CONSIDERED "INTERIOR OF SLAB".
 *** TABLE CAPACITIES ARE BASED ON POWERS PURE110+ EPOXY