

SAF-T-ANCHOR DESCRIPTION	CATALOG NUMBER
3/4" x 2' rod with flites of 2", 2" and 2" with 4" stop plate for VTP base plates	STAD24222- VN- 3/4
3/4" x 2' rod with flites of 3" and 2" (Used for tie back anchor)	STAD232TE - 3/4
3/4" x 4' rod with flites of 4" and 2" (Temporary Anchor)	STAD442N - 3/4
3/4" x 4' rod with flites of 4" and 2" with hooks (Provided with the VER-T-POL)	STAD442N-H - 3/4
3/4" x 4' rod with flites of 4", 3" and 2"	STAD4432N - 3/4
3/4" x 5' rod with flites of 5", 4" and 2"	STAD5542N - 3/4
3/4" x 5' rod with flites of 5", 4", 3" and 2"	STAD55432N - 3/4
1" x 4' rod with flites of 4", 3" and 2"	STAD4432N - 1
1" x 5' rod with flites of 5", 4", 3" and 2"	STAD55432N - 1
1" x 6' rod with flites of 6", 5" and 3"	STAD6653N - 1
1" x 6' rod with flites of 6", 5", 4" and 3"	STAD66543N - 1
1" x 8' rod with flites of 8", 6", 4" and 2"	STAD88642N - 1
1" x 9' rod with flites of 8", 6", 4" and 2"	STAD98642N - 1
1" x 5' rod with flites of 4", 3", 2" and 2"	CSTAD54322N - 1
1" x 6' rod with flites of 4", 3", 2" and 2"	CSTAD64322N - 1
1" x 10' rod with flites of 8", 6", 5", 4" and 2"	STAT1086542N - 1

NOTE: 3/4" rod anchors to be installed by hand and 1" rod anchors to be installed by truck
3/4" rod anchors are available with either a welded 2" nut (N) or a welded single thimble eye head (TE)

SAF-T-ANCHOR PULL-OUT CHART

Anchor Size	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8
Impact Driven: 2', 4', 5'	Dense sand, hard silts, course gravel	Dense clays, sands & gravel; hard silts & clays	Medium dense sandy gravel; very stiff to hard silts & clays	Medium dense coarse sand & sandy gravels; stiff silts & clays	Loose to medium dense fine to coarse sand; firm stiff clays & silts	Loose fine sand; soft-firm clays; varied clays; & fill	Peat, organic silts; inundated silts, & fly ash
High Torque Power Driven: 6', 7', 8', 9'							
STAD232TE- 3/4"	2,105	1,920	1,735	1,500	1,100	850	250
STAD442N- 3/4"	8,200	7,000	5,800	4,700	3,350	1,850	625
STAD4432N- 3/4"	26,648	22,532	18,416	14,300	10,400	5,200	1,950
STAD5542N- 3/4"	31,977	27,038	22,099	17,160	12,480	6,240	2,340
STAD55432N- 3/4"	47,536	41,659	35,780	29,904	24,335	16,050	10,481
STAD4432N- 1"	26,648	22,532	18,416	14,300	10,400	5,200	1,950
STAD55432N- 1"	47,536	41,659	35,780	29,904	24,335	16,055	10,481
STAD66543N- 1"	54,674	48,724	40,481	34,619	31,506	16,940	10,443
STAD88642N- 1"	55,216	49,533	43,851	36,860	34,138	24,129	10,680
STAD98642N- 1"	60,121	55,718	51,315	44,353	36,771	32,751	11,191
CSTAD54322N- 1"	42,445	38,445	30,518	26,592	20,976	9,984	3,744
CSTAD64322N- 1"	53,455	47,455	45,518	35,592	29,976	15,476	5,648
STAT1086542N- 1"	67,890	63,450	59,299	54,907	51,540	47,933	44,579

SAF-T-ANCHOR COMPARISON CHART

COMPETITOR'S ANCHOR DESCRIPTION	ADVERTISED HOLDING STRENGTH IN CLASS 5 SOIL	OKLAHOMA DESIGN TECHNOLOGIES ANCHOR PART NUMBER WITH DESCRIPTION	ADVERTISED HOLDING STRENGTH IN CLASS 5 SOIL
4" Helix - 4.5' Rod Single Helix	4,500	STAD442N - 3/4" x 4' rod with flites of 4" and 2"	4,700
6" Helix - 5.5' Rod Single Helix	6,500	STAD4432N - 3/4" x 4' rod with flites of 4", 3" and 2"	14,300
8" Helix - 8' Rod Single Helix	12,000	STAD4432N - 3/4" x 4' rod with flites of 4", 3" and 2"	14,300
10" Helix - 8' Rod Single Helix	17,500	STAD5542N - 3/4" x 5' rod with flites of 5", 4" and 2"	17,160
10" Helix - 8' Rod Single Helix	17,500	STAD55432N - 3/4" x 5' rod with flites of 5", 4", 3" and 2"	29,904
12" Helix - 8' Rod Single Helix	23,000	STAD66543N - 1" x 6' rod with flites of 6", 5", 4" and 3"	34,169
14" Helix - 8' Rod Single Helix	28,000	STAD88642N - 1" x 8' rod with flites of 8", 6", 4" and 2"	36,860
MULTI HELIX		OKLAHOMA DESIGN TECHNOLOGIES	
4", 4"	11,250	STAD4432N - 3/4" x 4' rod with flites of 4", 3" and 2"	14,300
8", 8"	22,500	STAD55432N - 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
10", 10"	27,500	STAD55432N - 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
8", 10"	28,250	STAD55432N - 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
4", 8", 10"	29,000	STAD55432N - 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
6", 8", 10"	30,000	STAD66543N - 1" x 6' rod with flites of 6", 5", 4" and 3"	34,169
8", 10", 12"	36,000	STAD88642N - 1" x 8' rod with flites of 8", 6", 4" and 2"	36,860
10", 12", 14"	42,000	STAD98642N - 1" x 9' rod with flites of 8", 6", 4" and 2"	44,353
8", 10", 12", 14"	46,000	STAT1086542N - 1" x 10' rod with flites of 8", 6", 5", 4", 2"	54,907
14", 14", 14"	51,000	STAT1086542N - 1" x 10' rod with flites of 8", 6", 5", 4", 2"	54,907
BUST EXPANDING ANCHOR		OKLAHOMA DESIGN TECHNOLOGIES	
6"	11,000	STAD4432N - 3/4" x 4' rod with flites of 4", 3" and 2"	14,300
8"	18,000	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
10"	21,000	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
12"	26,500	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
DISC ANCHOR		OKLAHOMA DESIGN TECHNOLOGIES	
16"	21,000	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
20"	26,000	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
24"	33,500	STAD65432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	34,619
CROSS-PLATE ANCHOR		OKLAHOMA DESIGN TECHNOLOGIES	
16"	18,500	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
20"	24,000	STAD55432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	29,904
24"	30,000	STAD65432N - 3/4" or 1" x 5' rod with flites of 5", 4", 3" and 2"	34,619