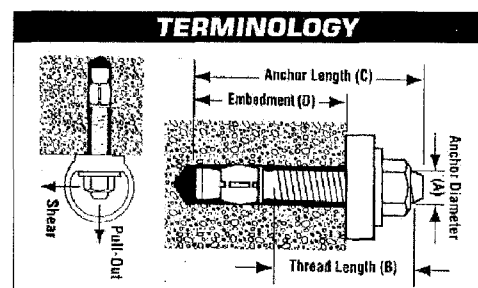


WEDGE ANCHOR SPECIFICATIONS



SPECIFICATIONS			
Anchor Size (A) X (C)	Thread Length (B)	Drill Size (A) / Threads per inch	Guide Torque (ft - lbs)
1/4" X 1-3/4"	3/4"		
1/4" X 2-1/4"	1-1/4"	1/4" - 20 UNC	10
1/4" X 3-1/4"	2-1/4"		
3/8" X 2-1/4"	1-1/8"		
3/8" X 2-3/4"	1-1/2"		
3/8" X 3"	1-3/4"	3/8" - 16 UNC	30
3/8" X 3-3/4"	2-1/2"		
3/8" X 5"	3-1/2"		
1/2" X 2-3/4"	1-1/2"		
1/2" X 3-3/4"	2-1/4"		
1/2" X 4-1/4"	2-3/4"	1/2" - 13 UNC	60
1/2" X 5-1/2"	3-1/4"		
1/2" X 7"	4"		
5/8" X 3-1/2"	1-1/2"		
5/8" X 4-1/2"	2-1/2"		
5/8" X 5"	3"	5/8" - 11 UNC	70
5/8" X 6"	4"		
5/8" X 7"	4"		
5/8" X 8-1/2"	1-1/2"		
3/4" X 4-1/4"	2"		
3/4" X 4-3/4"	2-1/2"		
3/4" X 5-1/2"	3-1/4"		
3/4" X 6-1/4"	4"	3/4" - 10 UNC	120
3/4" X 7"	4"		
3/4" X 8-1/2"	1-1/2"		
3/4" X 10"	1-1/2"		
7/8" X 6"	2-1/4"		
7/8" X 9"	2-1/4"	7/8" - 9 UNC	200
7/8" X 10"	2-1/4"		
1" X 6"	2-1/4"		
1" X 9"	2-1/4"	1" - 8 UNC	250
1" X 12"	2-1/4"		
1-1/4" X 9"	3-1/4"		
1-1/4" X 12"	3-1/4"	1-1/4" - 7 UNC	400

SPECIFICATIONS									
Anchor Diameter	Embedment Depth (D)	2250 PSI		3000 PSI		4000 PSI		5000 PSI	
		Ultimate Pullout (lbs)	Ultimate Shear (lbs)	Ultimate Pullout (lbs)	Ultimate Shear (lbs)	Ultimate Pullout (lbs)	Ultimate Shear (lbs)	Ultimate Pullout (lbs)	Ultimate Shear (lbs)
1/4"	1-1/8" min.	2459	1500	2710	1742	3059	2493	3407	3245
	2"	-	-	3304	1829	3766	2618	4228	3407
	2-3/4"	-	-	3898	1916	4473	2743	5048	3569
3/8"	1-5/8" min.	2987	2776	3534	3086	4264	5913	4994	8740
	3"	-	-	4119	3240	5090	6209	6061	9177
	4-1/4"	-	-	4709	3395	5916	6505	7129	9614
1/2"	2-1/4" min.	6298	6298	6836	6232	7704	10234	8572	14236
	4-1/8"	-	-	7704	6543	8897	10746	10089	14947
	6"	-	-	8572	6855	10089	11257	11607	15659
5/8"	2-7/8" min.	6965	7724	8007	8233	10307	13005	12608	17776
	5"	-	-	9238	8645	12130	13655	15022	18665
	7"	-	-	10470	9056	13953	14305	17435	19554
3/4"	3-3/8" min.	10114	11157	11338	12138	15405	16728	19472	21317
	5-3/4"	-	-	15309	12745	19460	17564	23610	22383
	8"	-	-	19280	13351	23514	18400	27748	23448
7/8"	4"	-	-	-	-	18750	-	-	-
1"	4-1/2"	-	-	-	-	23000	-	-	-
1-1/4"	5-1/2"	-	-	-	-	35000	-	-	-

Test results shown are ultimate loads and are to be used as a guide only. Actual results may vary. It is recommended to apply a safety factor of 4 to 1 to these loads.

NOTE: Thread length on above sizes applies to cold formed bolts only. Thread length must be specified on other sizes when ordering.

Meets or Exceeds GSA specification. FF-S-325, Group II, type 4, Class 1.

SLEEVE ANCHOR SPECIFICATIONS

INDUSTRIAL QUALITY



DIAMETER (Inches)	CONCRETE EMBEDMENT (Inches)	TORQUE REQUIRED (FT-LBS)	ULTIMATE* PULLOUT (LBS)	ULTIMATE * SHEAR (LBS)
1/4	1-3/8	5	1300	1500
5/16	1-1/2	10	1700	2000
3/8	1-7/8	15	2400	3000
1/2	2-1/4	30	4700	5200
5/8	2-1/4	60	5900	10100
3/4	3-3/8	90	9200	15000

* Work Load values are 25% of ultimate values. Tests were done in 3,000 P.S.I. Concrete by an Independent Laboratory, using industry accepted Testing Standards.

* Hole has to be 1/4" deeper than the calculated embedment.

* Meets or Exceeds GSA Specification FF-S-325, Group II, Type 3, Class 3.