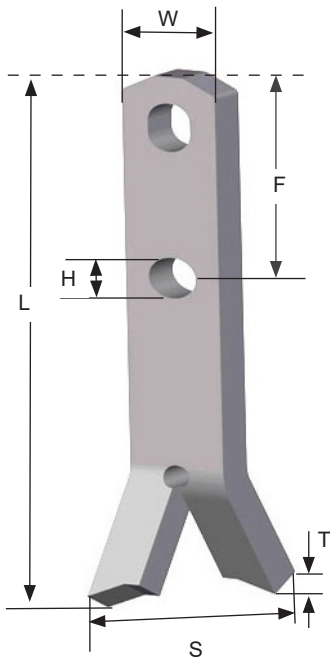


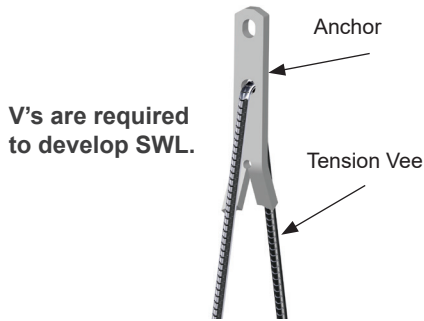
## SPREAD ANCHOR



TON	SYS CODE	ITEM CODE	BODY LENGTH (L)	BODY WIDTH (W)	BODY THICK. (T)	BASE SPREAD (S)	HOLE LOCA. (F)	HOLE DIA. (H)	SWL TENSION (LBS)	UML (LBS)
1	2.5	LH02048	4-3/4"	1-1/4"	3/16"	2-3/4"	N/A	N/A	2000	8000
2	2.5	LH02040	4"	1-1/4"	3/8"	2-3/4"	N/A	N/A	2530	16000
2	2.5	LH02055	5-1/2"	1-1/4"	3/8"	2-3/4"	2-1/4"	1/2"	4000	16000
4	5	LH04040	4"	1-1/2"	1/2"	3-3/8"	N/A	N/A	2670	24000
4	5	LH04048	4-3/4"	1-1/2"	1/2"	3-3/8"	N/A	N/A	3590	24000
4	5	LH04068	6-3/4"	1-1/2"	1/2"	3-3/8"	3-3/4"	7/8"	4960	32000
4	5	LH04063	6-1/4"	1-1/2"	5/8"	3-3/8"	3-3/4"	11/16"	5850	32000
4	5	LH04095	9-1/2"	1-1/2"	5/8"	3-3/8"	3-3/4"	11/16"	8000	32000
6	10	LH06110	11"	2-1/2"	5/8"	5-1/4"	5"	1"	12000	48000
8	10	LH08110	11"	2-1/2"	3/4"	5-1/4"	5"	1"	16000	64000
16	22	LH22150	15"	3-3/4"	1"	6-1/4"	7-1/2"	1-3/8"	32800	136000
22	22	LH22189	18-7/8"	3-3/4"	1"	6-1/4"	13"	1-3/8"	44000	176000

UML= Ultimate Mechanical Load

Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi normal weight concrete.



TENSION VEES	REQUIRED TO DEVELOP REINFORCED ALLOWABLE TENSION CAPACITY	Concrete Strength [psi]						
		2,200	2,500	3,000	3,500	4,000	4,500	5,000
Nominal System Capacity	Rebar Size	Length of Rebar Before Bending [in]						
2 Ton	#3	33	32	29	27	25	24	24
4 Ton	#4	49	46	43	40	37	35	34
8 Ton	#6	67	63	58	54	51	48	46
10 Ton	#7	88	83	76	71	67	63	60
16 Ton	#8	130	122	112	105	98	93	89
22 Ton	#9	150	141	129	120	113	107	102

Based on ACI 318-14 requirements.

For single bar application.

Multiply chart values by 1.3 for lightweight concrete.

Multiply chart values by 1.2 for epoxy coated bars.