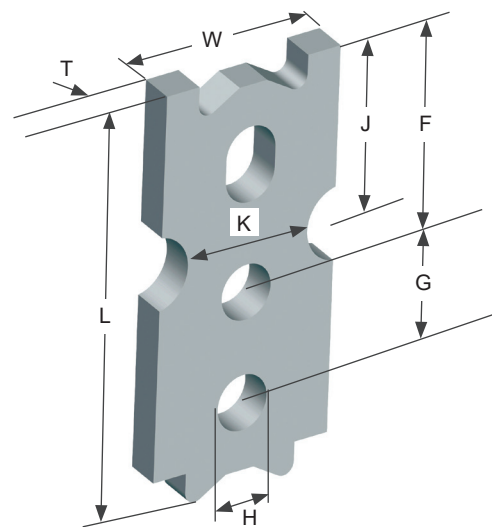
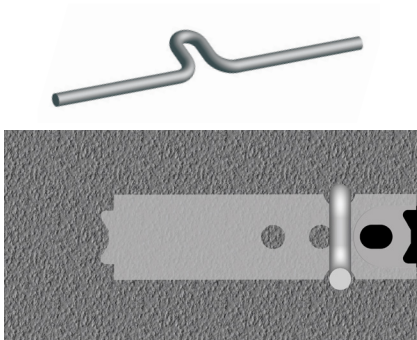


Erection Head Anchor

Ideal for lifting in shear position, such as a tilt table or A-frame when shear plate or shear bar is used.

Rebar V's are required to develop SWL.

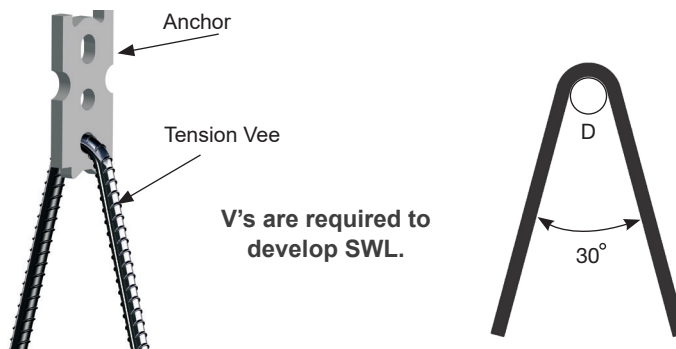
See page 39 for shear bar information.



TON	SYS CODE	ITEM CODE	BODY LENGTH (L)	BODY WIDTH (W)	BODY THICK. (T)	NOTCH LOCATION (J)	NECK WIDTH (K)	HOLE LOCA. (F)	HOLE CENTER (G)	HOLE DIA. (H)	SWL TENSION (LBS)	UML (LBS)
2	2.5	FEH02043	4-1/4"	2"	3/8"	1-13/16"	1-3/8"	2-1/4"	1-1/8"	9/16"	4,000	16000
2	2.5	FEH02080	7-7/8"	2"	3/8"	1-13/16"	1-3/8"	2-1/4"	1-1/8"	9/16"	4,000	16000
4	5	FEH04075	7-7/16"	2-1/2"	5/8"	2-1/2"	1-13/16"	3-3/16"	1-1/4"	3/4"	8,000	32000
4	5	FEH04105	10-1/2"	2-1/2"	5/8"	2-1/2"	1-13/16"	3-3/16"	1-1/4"	3/4"	8,000	32000
8	10	FEH08133	13-1/4"	3-3/4"	3/4"	3-1/8"	2-7/16"	4"	1-3/4"	1"	16,000	64000

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

UML= Ultimate Mechanical Load



TENSION VEES		REQUIRED TO DEVELOP REINFORCED ALLOWABLE TENSION CAPACITY							
Nominal System Capacity	Rebar Size	Min. Bend Diameter (D)	Concrete Strength [psi]						
			2,200	2,500	3,000	3,500	4,000	4,500	5,000
			Length of Rebar Before Bending [in]						
2 Ton	#3	2-1/4"	33	32	29	27	25	24	24
4 Ton	#4	3"	49	46	43	40	37	35	34
8 Ton	#6	4-1/2"	67	63	58	54	51	48	46
10 Ton	#7	5-1/4"	88	83	76	71	67	63	60

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.

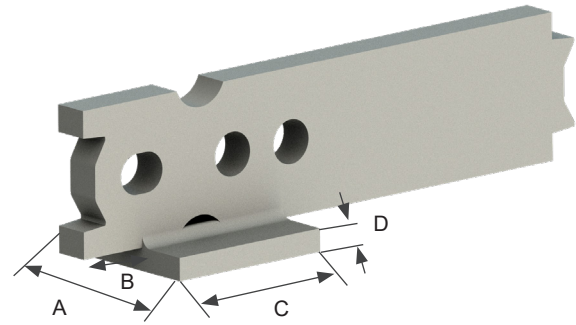
Flat Steel System



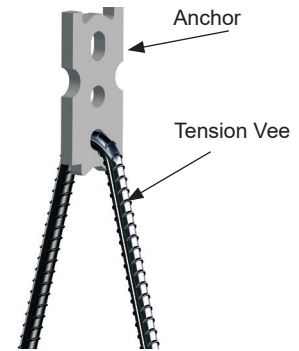
Erection Head Anchor with Shear Plate

Welded shear plate eliminates need for shear bars.

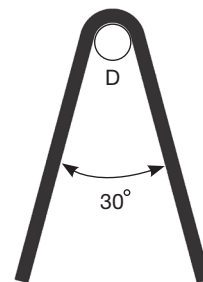
TON	SYS CODE	ITEM CODE	PLATE WIDTH (A)	PLATE POSITION (B)	PLATE LENGTH (C)	PLATE THICK. (D)
2	2.5	FEH02043S	2-1/2"	3/4"	3"	1/4"
2	2.5	FEH02080S	2-1/2"	3/4"	3"	1/4"
4	5	FEH04075S	2-1/2"	1-1/4"	3"	3/8"
4	5	FEH04105S	2-1/2"	1-1/4"	3"	3/8"
8	10	FEH08133S	3"	1-5/8"	3-1/2"	3/8"



TON	SYSTEM CODE	ITEM CODE	PANEL THICKNESS	SWL SHEAR W/SHEAR PLATE (LBS)	SWL TENSION W/TENSION BAR (LBS)
2-Ton Ring Clutch (2 Ton Anchor)					
2	2.5	FEH02043S	4"	1235	4000
			5"	1525	
			6"	1750	
			7"	1900	
			8"	2075	
2	2.5T	FEH02080S	4"	1950	4000
			5"	2100	
			6"	2500	
			7"	2870	
			8"	3160	
4-Ton Ring Clutch (4 Ton Anchor)					
4	5T	FEH04075S	5-1/2"	2025	8000
			6"	2250	
			7"	2600	
			8"	3000	
			9"	3375	
			10"	3750	
4	5T	FEH04105S	5"	2660	8000
			6"	2920	
			7"	3170	
			8"	3430	
			9"	3650	
			10"	3860	
			11"	3930	
12"	4010				
8-Ton Ring Clutch (8 Ton Anchor)					
8	10T	FEH08133S	7"	4010	16000
			8"	4010	
			9"	4120	
			10"	4280	
			11"	4420	
			12"	4550	



V's are required to develop SWL.



Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi normal weight concrete. See page 26 for Tension Vee Bar information.