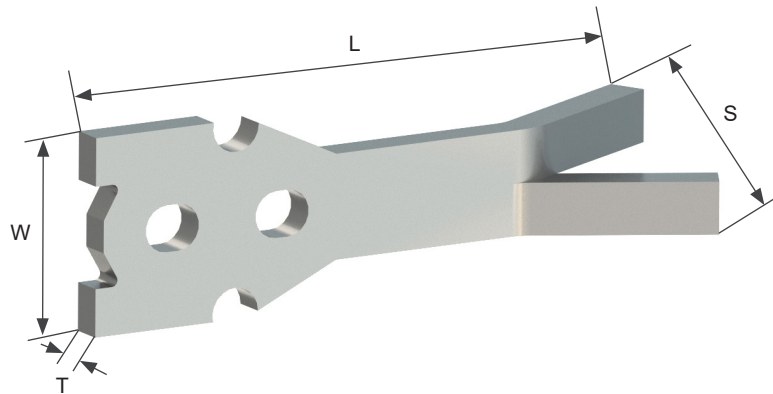


Erection Split Tail Anchor

CONAC Erection Split Tail Anchor is ideal for use in thick precast wall panels and edge lifting applications. The protrusions on the anchor head prevent lifting device interaction with the concrete that could cause spalling, and enables a wider shear cone to achieve higher shear loads.

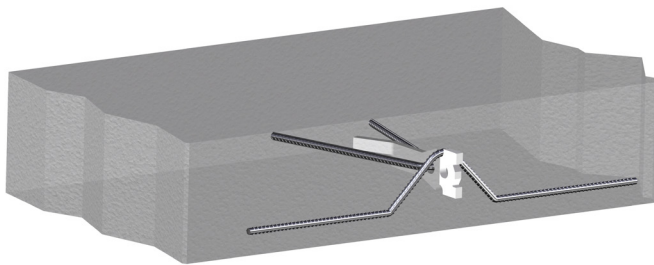


TON	SYS CODE	ITEM CODE	BODY LENGTH (L)	BODY WIDTH (W)	BODY THICK. (T)	HOLE DIA. (H)	SPREAD (S)	SWL (LBS)	UML
17	22	FEA-S1720	19-5/8"	5-7/8"	1"	1-3/8"	3-1/8"	34000	158000
21	22	FEA-S2120	19-5/8"	5-7/8"	1-1/8"	1-3/8"	3-1/8"	42000	168000

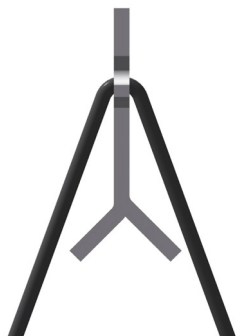
UML=Ultimate Mechanical Load
Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi normal weight concrete.

TON	SYS CODE	ITEM CODE	MIN. EDGE DISTANCE	MIN. ANCHOR SPACING	PANEL THICKNESS	SWL SHEAR W/SHEAR BAR (LBS)	SWL TENSION W/TENSION BAR (LBS)
17	22	FEA-S1720	36"	72"	12"	18910	34000
21	22	FEA-S2120	36"	72"	14"	18910	42000

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



SHEAR BAR		
TON	REBAR SIZE (DIA)	REBAR LENGTH (BEFORE BENDING)
17	#8	72"
21	#8	72"



Rebar V's are required to develop SWL.

TENSION VEES	REBAR SIZE	MIN. BEND DIAMETER (D)	REQUIRED TO DEVELOP REINFORCED ALLOWABLE TENSION CAPACITY						
			Concrete Strength [psi]						
Nominal System Capacity			2,200	2,500	3,000	3,500	4,000	4,500	5,000
			Length of Rebar Before Bending [in]						
12.5 Ton	#7	5-1/4"	110	104	95	89	83	79	75
17 Ton	#8	6"	130	122	112	105	98	93	89
21 Ton	#9	9-1/2"	143	134	123	115	108	102	97

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.