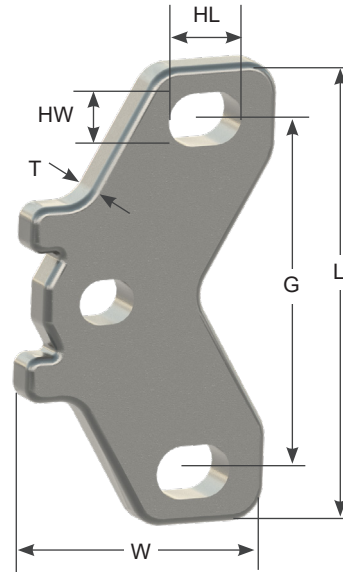


Flat Steel System



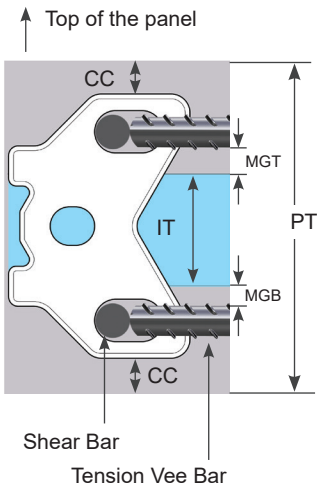
Forged Insulated Panel Erection Anchor

CONAC's CFIN Forged Insulated Panel Erection Anchor is designed for use in insulated panels. The design spans the insulation with minimal effect on thermal efficiency and achieves even load distribution throughout both wythes for optimal performance. The forging process ensures higher anchor strength and increased load capacity. Use of tension rebar V's is required to achieve full SWL, and shear bars develop maximum shear capacity.



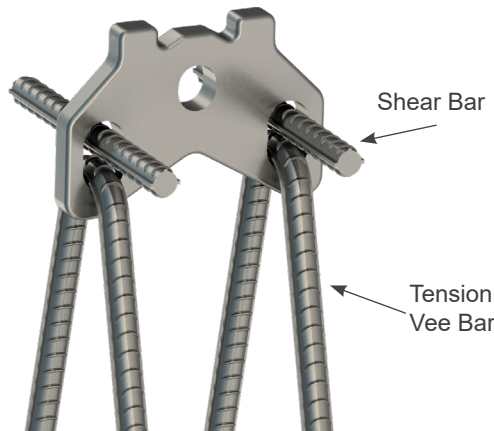
TON	RING CLUTCH	ITEM CODE	LENGTH (L)	WIDTH (W)	THICK. (T)	HOLE CENT. (G)	HOLE LENGTH (HL)	HOLE WIDTH (HW)	UML TENSION (LBS)
6	4-6 T	CFIN6T	7"	4"	5/8"	5-3/8"	1-3/16"	13/16"	48000
9	8-11 T	CFIN9T	5-3/4"	4-3/16"	3/4"	3-3/4"	1-1/2"	15/16"	72000
12	12 T	CFIN12X7	7"	4-13/16"	3/4"	5"	1-13/16"	1-1/8"	96000
12	12 T	CFIN12X8	8"	4-13/16"	3/4"	6"	1-13/16"	1-1/8"	96000

UML= Ultimate Mechanical Load



ITEM CODE	LENGTH (L)	PANEL THICKNESS	BOTTOM WYTHE	INSUL. THICK.	TOP WYTHE	MGT	MGB	CONCRETE COVER
CFIN6T	7"	8"	2"	4"	2"	7/16"	7/16"	1/2"
		9"	3"	3"	3"	15/16"	15/16"	1"
CFIN9T	5-3/4"	8"	3"	2"	3"	9/16"	9/16"	1-1/8"
CFIN12X7	7"	9"	3"	3"	3"	5/8"	5/8"	1"
CFIN12X8	8"	10"	3"	4"	3"	5/8"	5/8"	1"
		11"	2-1/2"	4"	2-1/2"	5/8"	5/8"	1/2"

Minimum 1/2" concrete cover required on top and bottom of Insulated Panel Anchor.



Flat Steel System

Forged Insulated Panel Erection Anchor Load Chart

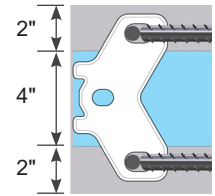
TON	ITEM CODE	V1 SHEAR 4:1 (LBS)	V1 SHEAR 2.66:1 (LBS)	V2 SHEAR 4:1 (LBS)	SWL TENSION 4:1 (LBS)	UML TENSION (LBS)	TENSION REBAR GR 60	SHEAR REBAR GR 60
FOR 8" THICK PANEL 2+4+2								
6	CFIN6T	2670	4020	8200	12000	48000	#4 x 45"	#5 x 6"

Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi for 6 T anchor and 4,500 psi for 9T and 12T anchors normal weight concrete.

2.66:1 safety factor in shear may be used at the discretion of the engineer for stripping.

V1= Parallel Shear

V2= Perpendicular Shear



6 Ton Forged Anchor for 8" Panel

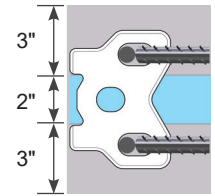
TON	ITEM CODE	V1 SHEAR 4:1 (LBS)	V1 SHEAR 2.66:1 (LBS)	V2 SHEAR 4:1 (LBS)	SWL TENSION 4:1 (LBS)	UML TENSION (LBS)	TENSION REBAR GR 60	SHEAR REBAR GR 60
FOR 8" THICK PANEL 4+2+2								
9	CFIN9T	4600	6910	9260	18000	72000	#5 x 58"	#6 x 6"
FOR 8" THICK PANEL 3+2+3								
9	CFIN9T	4400	6610	8700	18000	72000	#5 x 58"	#6 x 6"

Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi for 6 T anchor and 4,500 psi for 9T and 12T anchors normal weight concrete.

2.66:1 safety factor in shear may be used at the discretion of the engineer for stripping.

V1= Parallel Shear

V2= Perpendicular Shear



9 Ton Forged Anchor for 8" Panel

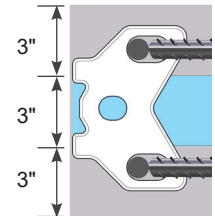
TON	ITEM CODE	V1 SHEAR 4:1 (LBS)	V1 SHEAR 2.66:1 (LBS)	V2 SHEAR 4:1 (LBS)	SWL TENSION 4:1 (LBS)	UML TENSION (LBS)	TENSION REBAR GR 60	SHEAR REBAR GR 60
FOR 9" THICK PANEL 3+3+3								
6	CFIN6T	4500	6780	9600	12000	48000	#4 x 45"	#5 x 6"
12	CFIN12X7	4700	7060	10900	24000	96000	#6 x 54"	#7 x 6"

Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi for 6 T anchor and 4,500 psi for 9T and 12T anchors normal weight concrete.

2.66:1 safety factor in shear may be used at the discretion of the engineer for stripping.

V1= Parallel Shear

V2= Perpendicular Shear



12 Ton Forged Anchor for 9" Panel

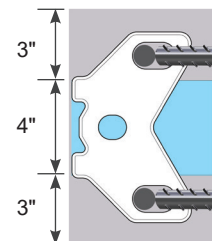
TON	ITEM CODE	V1 SHEAR 4:1 (LBS)	V1 SHEAR 2.66:1 (LBS)	V2 SHEAR 4:1 (LBS)	SWL TENSION 4:1 (LBS)	UML TENSION (LBS)	TENSION REBAR GR 60	SHEAR REBAR GR 60
FOR 10" THICK PANEL 3+4+3								
12	CFIN12X8	4400	6610	9200	24000	96000	#6 x 54"	#7 x 6"

Safe working loads based on approximate 4:1 Safety Factor in 3,500 psi for 6 T anchor and 4,500 psi for 9T and 12T anchors normal weight concrete.

2.66:1 safety factor in shear may be used at the discretion of the engineer for stripping.

V1= Parallel Shear

V2= Perpendicular Shear



12 Ton Forged Anchor for 10" Panel

