

mod. **FF** Plates vertical lifting with locking device and articulated shackle

Model "FF" is a vertical lifting clamp equipped with a "Lock-Open" and a "Lock-Close" device, that facilitates placing and removing the clamp from the member, and it is used primarily for construction and erection of steel plates and structures.

Make sure that the clamp is well inserted on the member to be lifted, leaving 4÷5 mm clearance between the back of the jaw and the load and that the lock lever is in the lock closed position before starting a lift.

In case of sideloading, do not exceed the capacity reduction (as per graph below depending angle). Never exceed 10° sideloading.

Remove clamp only after the load is fully supported and at rest in a stable permanent position. Do not lift with vertical clamps plates which thickness is less of 1/4 of the maximum opening width.

(EX. Mod. F 0,75 ton - opening mm 0-15 lifting plates with thickness of 3 mm).

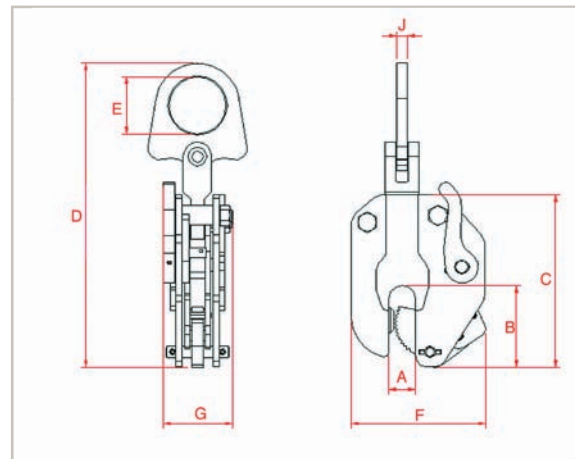
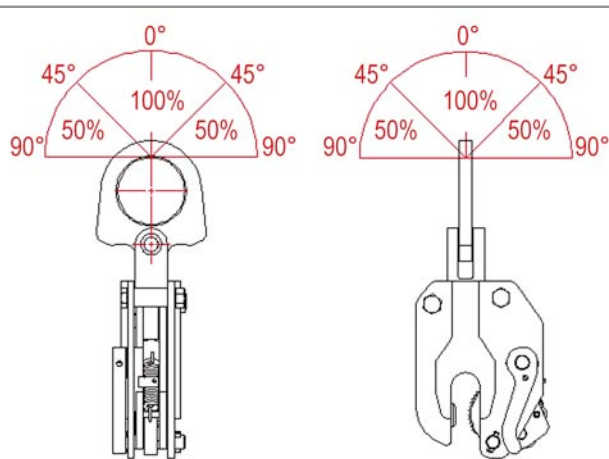
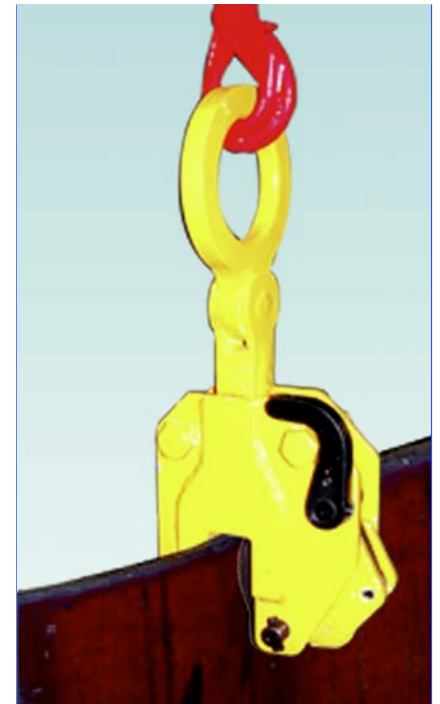
Do not lift any load less than 1/5 of the lifting capacity of the clamp.

(EX. 3 ton clamp - less than 0,6 ton)

FF clamp is equipped with an articulated shackle in order to increase the allowable sideloading angle as per graph below.



CODE	CAPACITY TON	A OPENING MM	B	C	D	E	F	G	J	WEIGHT KG
			MM	MM	MM	MM	MM	MM	MM	
CFF00750A	0,75	0 - 15	62	150	260	50	117	60	10	3,0
CFF00750B		10-25								
CFF01500A	1,5	0 - 20	68	167	310	63	120	70	12	4,0
CFF01500B		10 - 30								
CFF03000A	3	0 - 30	94	228	503	90	192	108	20	12,0
CFF03000B		15 - 45								
CFF04500A	4,5	0 - 30	94	228	503	90	192	108	20	15,0
CFF04500B		15 - 45								
CFF06000A	6	0 - 32	114	290	588	100	214	128	20	19,0
CFF06000B		15 - 50								
CFF08000A	8	0 - 40	115	342	620	100	235	138	25	23,0
CFF08000B		20 - 60								
CFF10000A	10	0 - 40	115	342	620	100	235	148	25	31,0
CFF10000B		20 - 60								
CFF12000A	12	0 - 64	167	440	800	100	300	155	45	60,0
CFF12000B		40 - 80								



WARNING: BEFORE USING THE CLAMPS READ AND FULLY UNDERSTAND GENERAL INFORMATION FOR A SAFE USE SHOWN ON PAGE 26

FOR INSPECTION AND MAINTENANCE PLEASE REFER TO INSTRUCTIONS LISTED ON PAGE N° 27