

Beam & Girder Clamps



The Caldwell Group.

Model F - Beam Grabs

IN-STOCK PROGRAM



PRODUCT FEATURES:

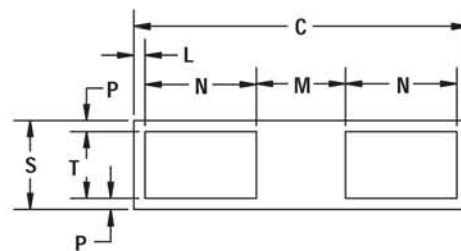
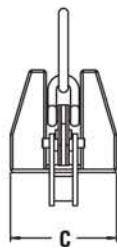
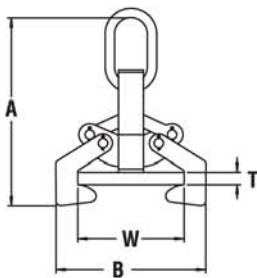
- Heavy duty design.
- These grabs provide an efficient method for handling wide flange beam sections and plate girders.
- Clamps have a recessed base to accept studs welded to a beam's surface.
- Beam grabs eliminate the need for slings, chokers and spreader bars.
- Designed and manufactured to ASME B30.20
- For longer beams or girders, use units in pairs in conjunction with a spreader/lifting beam.

SPECIFICATIONS

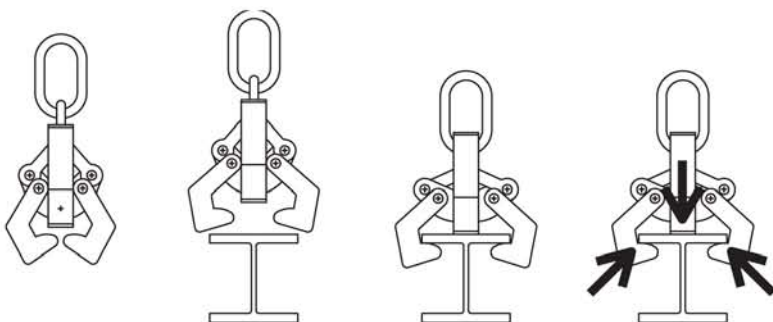
Base Dimensions

Models have bases cut out to avoid interference of studs.

Model Number	Rated Capacity (tons)	Dimensions in Inches													Weight (lbs.)
		A	B	C	Flange Width	Flange Thickness		S	C	N	T	M	L	P	
						Min.	Max.								
F-5	5	22.7	15.7	11.6	4	1/4	1/4	3	11.6	3	2	4.6	.5	.5	68
					5	1/4	3/8								
					6 - 10	1/4	1								
F-15	15	30.1	25.1	17	7	1/2	3/4	4	17	4	2.5	7.3	.9	.8	187
					8	1/2	1								
					9	1/2	1-1/4								
					10	1/2	1-1/2								
					11 - 17	1/4	2								
F-25	25	44.8	45.2	24.3	16 - 17	1-1/4	3	5-1/2	24.3	6	4	9.8	1.3	.8	594
					18 - 24	1	3								
F-35	35	52.9	61.6	28.5	16 - 18	2-1/4	4	6	28.5	9.3	4-1/2	8.5	.8	.8	833
					20 - 22	2	4								
					24	1-3/4	4								
					26	1-1/4	4								
					28 - 36	1	4								



Operation



Lower grab onto the beam and, if necessary, lift tong arms to allow them to slide under flanges of the beam. When the clamp is lifted, its center plate and gripping tongs work against each other... the heavier the beam, the greater the clamping pressure.

WARNING

Decreasing the load by bumping or substantial imbalance can, under certain circumstances, loosen the grip. Do not use on flange widths less than those specified on the name plate.

Beam & Girder Clamps



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Model GC - Girder Clamps

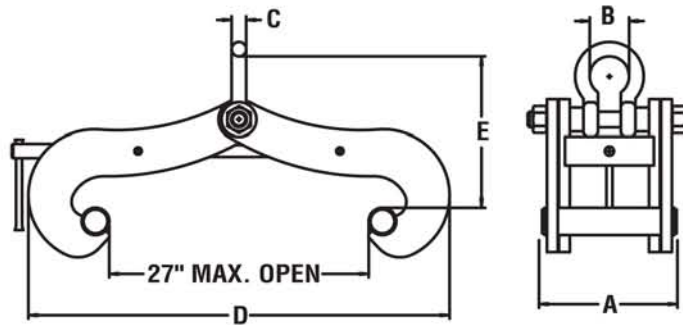


PRODUCT FEATURES:

- These clamps provide an efficient method for handling wide flange beam sections and plate girders.
- Screw-spindle design ensures positive grip.
- Simple design ensures minimum maintenance.
- Left-hand thread and right-hand thread screw spindle allows for rapid clamping and unclamping.
- Jaw aperture adjusts to a wide range of beam types and flange widths.
- Designed and manufactured to ASME B30.20



Model Number	Rated Capacity Tons	Flange Width Min - Max	Max. Flange Thickness	Dimensions in Inches					Weight (lbs)
				A	B	C	D Min - Max	E Min - Max	
GC - 15	15	6 - 24	3	14.81	3.9	1.6	23 - 44	15.7 - 23.4	234
GC - 20	20	6 - 24	3	14.81	5	2.1	23 - 44	18.3 - 25.9	291
GC - 25	25	6 - 24	3	14.81	5	2.1	23 - 44	18.3 - 25.9	330



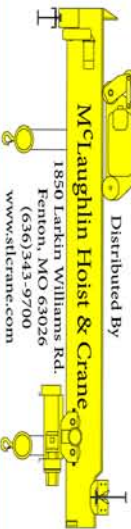
Operation

WARNING

Decreasing the load by bumping or substantial imbalance can, under certain circumstances, loosen the grip. Do not use on flange widths less than those specified.



For lifting and/or positioning structural beams. Can be used in pairs in conjunction with a spreader beam for additional versatility.



Beam & Girder Clamps



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Model BFC - Beam Flange Clamp

IN-STOCK PROGRAM



LARGE BAIL OPTION

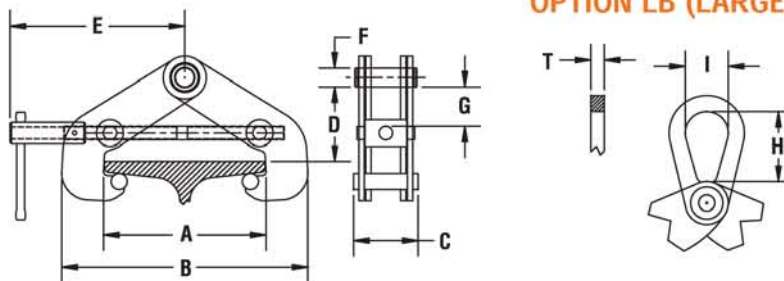
PRODUCT FEATURES:

- Rated load capacities from 1 to 5 tons.
- Light weight and portable design.
- Left-hand thread and right-hand thread screw spindle allows for rapid clamping and unclamping.
- Jaw aperture adjusts to a wide range of beam types and flange widths.
- Built-in suspension pin provides lower headroom.
- Available with Large Bail option for oversized hoist hooks.
- Designed and manufactured to ASME B30.20

SPECIFICATIONS

Model Number	Rated Capacity Tons	Dimensions in Inches												Weight (lbs.)
		A*		B Max.	C	D		E	F Dia.	G	Option LB			
		Min.	Max.			Min.	Max.				H	I	T	
BFC - 1	1	3	7 1/2	10 1/2	3	3 3/4	4 1/2	7	7/8	2 1/4	3 1/2	2	5/8	8
BFC - 2 1/2	2 1/2	3	7 1/2	10 1/2	3	3 3/4	4 1/2	7	7/8	2 1/8	3 1/2	2	5/8	9
BFC - 5	5	6	12	15	4 1/2	4 5/8	6 3/8	9 1/2	1 3/8	2 3/8	4	2 1/2	1	18

*Maximum Beam Flange Thickness 1" - All Sizes

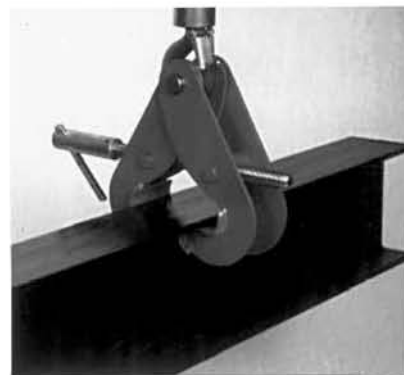


OPTION LB (LARGE BAIL)

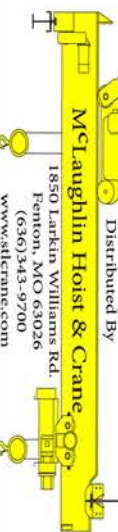
Applications



Allows for the capability of hanging hoists or rigging from an overhead load bearing structure



For lifting and/or positioning structural beams. Can be used in pairs in conjunction with a spreader beam for additional versatility



Distributed By
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 www.adcrane.com

Beam & Girder Clamps



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Model BC - Beam Clamp



PRODUCT FEATURES:

- Rated load capacity of one ton.
- Economical and convenient.
- Lightweight and portable design, high strength construction.
- Designed and manufactured to ASME B30.20.

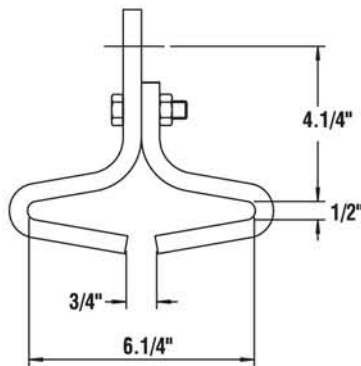
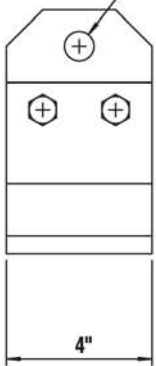


SPECIFICATIONS

Model Number	Rated Capacity Tons	Flange		Weight (lbs.)
		Min. (in.)	Max. (in.)	
55 - 1	1	4	6	10

Shackle not included (11/16 dia. hole for up to 2 ton shackle)

13/16" DIA.
FOR UP TO 2T SHACKLE



For lifting and/or positioning structural beams. Can be used in pairs in conjunction with a spreader beam for additional versatility



Allows for the capability of hanging hoists or rigging from an overhead load bearing structure

Model BT - Beam Tong



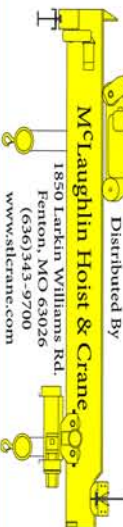
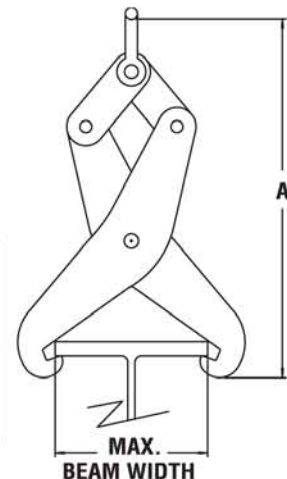
PRODUCT FEATURES:

- Tong leverage exerts an ever tightening grip on the beam flange.
- Tong provided with lifting shackle.
- Load must be balanced and controlled when lifting.
- May be used in pairs in conjunction with a spreader beam.
- Designed and manufactured to ASME B30.20.



SPECIFICATIONS

Model Number	Rated Capacity in Tons	Dimensions in Inches			Weight (lbs.)
		Beam Width Min - Max	Max Flange Thickness	A	
111 - 1	1	5 - 6	5/8	17	15
111 - 2	2	6 1/2 - 8	3/4	19	18
111 - 3	3	7 1/2 - 10	3/4	19	21



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