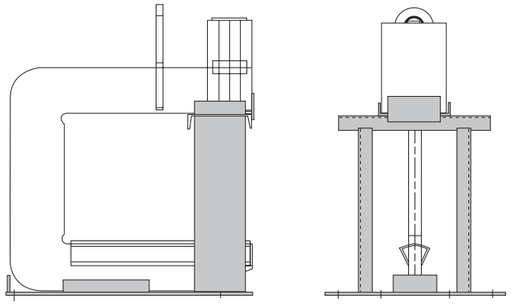
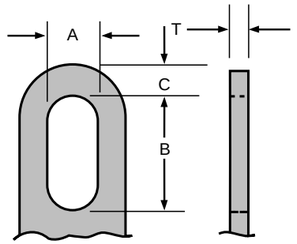
STORAGE STAND



Because C-hooks are large and heavy, they can cause personal injury or property damage if they fall over. Each C-hook should be stored in an upright position on a stand specifically designed for its size, shape and weight.

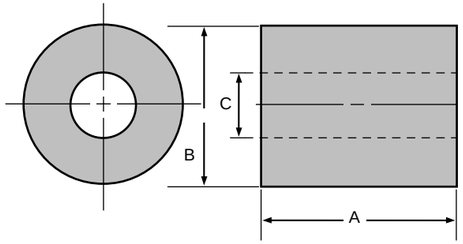
STANDARD C-HOOK BAILS



LIFTER CAP. (TONS)	DIMENSIONS			
	A	B	C	T
2	1 1/2	4	1	5/8
3	2	6	1 1/2	3/4
5	2 1/2	7	1 1/2	1
7 1/2	3	7	1 3/4	1 1/4
10	3	8	2	1 1/4
15	3 1/2	9	2 3/4	1 1/2
20	5	12	3	2
25	5 1/2	14	3 1/4	2
30	6 1/2	17	4	2 1/2
35	7	19	4 1/2	2 1/2
40	7	19	4 1/2	2 1/2

PRODUCT SPECIFICATION CHART

LOAD SPECIFICATIONS



To ensure optimum C-hook performance, please provide the following important dimensional data (max./min.) for coil OD and ID and overall load length.

A max. _____" B min. _____"

A min. _____" C max. _____"

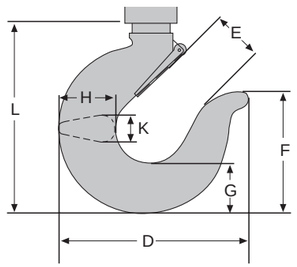
B max. _____" C min. _____"

Max. weight _____ tons, or

_____ metric tons, or

_____ lb.

HOOK SPECIFICATIONS



Please complete the chart below to assure proper fit between your C-hook bail and crane hook.

Hook cap. _____ tons D _____" H _____"

Manufacturer _____ E _____" K _____"

F _____" L _____"

G _____"

Because of ongoing product modification and improvement, the data in this brochure is subject to change without notice.

MATERIAL HANDLING INDUSTRY OF AMERICA® MEMBER COMPANY

Custom Designed Material Handling Solutions
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Custom Designed Material Handling Solutions
BUSHMAN® EQUIPMENT, INC.®

C-HOOKS

Bushman C-hooks are engineered to meet the specific requirements of the customer's operating environment. Featuring unitized construction for strength, durability and safety, Bushman offers a variety of configurations to permit greatest utility.

Features of the basic Bushman C-hook line include:

Unitized Construction — only the bail, counterweight and curved plate are welded to the main burnout.

Tapered Lower Carrying Arm — facilitates entry into coil ID.

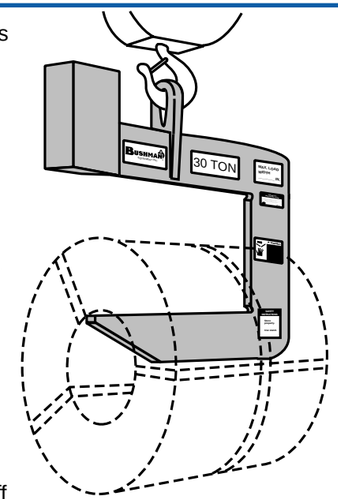
Beveled Top Edge On Carrying Arms — standard on hooks under 20,000 lb. capacity.

Curved Coil Support Saddles — standard on hooks 20,000 lb. capacity and greater.

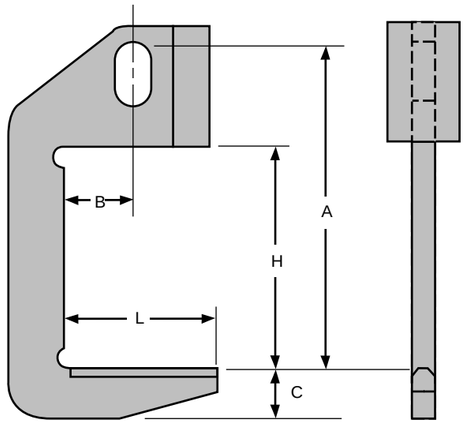
Each C-hook is custom engineered to meet the specific requirements for load configuration, weight, lifting area and headroom.

All Bushman C-hooks are designed and manufactured in accordance with ASME-ANSI Standard B30.20.

This technical sheet has been prepared to help the customer in specifying the ideal C-hook for the particular application. Please contact our factory sales/engineering staff for additional assistance and quotations.



MODEL 610 C-HOOK



The model 610 C-hook is similar in construction to the model 624 (shown on following page). The lifting bail is turned 90° and burned from the same piece of plate as the hook, making it an integral part of the hook. The standard "H" dimension on the model 610 is 20". For variations in any dimension, please consult the factory with your application.

CAPACITY (TONS)	MAX. COIL WIDTH L	HEAD-ROOM A	LIFTING ARM HEIGHT C	UNIT WEIGHT (LB.)
1/2	8 12	27 27	2 1/2 3	50 70
1	8 12 16	27 1/2 28 28	3 1/4 3 1/2 4	55 88 112
1 1/2	8 12 16	31 31 31	3 1/2 3 3/4 4 1/4	77 137 178
2	8 12 16	31 31 31	3 1/2 4 1/4 4 3/4	100 143 185
3	8 12 16	32 32 32	4 1/4 4 1/2 5	113 185 236
4	12 16 20	32 32 1/2 32 1/2	5 5 1/4 6	196 360 420
5	12 16 20	33 33 33	5 1/4 6 6 1/2	295 380 455
6	12 16 20	33 1/2 34 34	5 3/4 6 1/2 7	314 392 478
7 1/2	12 16 20	35 1/2 36 36	6 1/2 7 7	348 428 700

Note: B dimension is equal to 1/2 the width of the widest coil plus 1/2".

Bulletin CH 03

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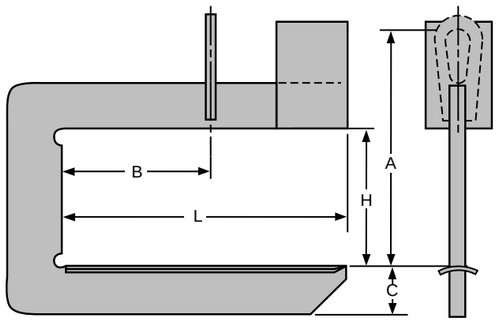
MODEL 624 C-HOOK



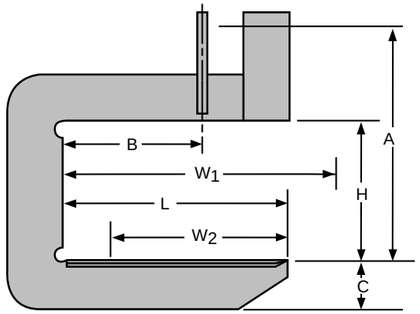
This model coil hook has a lower member length (“L” dimension) which equals the maximum coil width. The full length support feature increases the amount of surface area in contact with the coil, minimizing the potential for damage to the inner wraps of lighter gauge coil stock.

For capacities and dimensions not shown, please consult factory.

CAPACITY (TONS)	MAX COIL WIDTH L	CLEAR HEIGHT H	HEAD-ROOM A	LIFTING ARM HEIGHT C	UNIT WEIGHT (LB.)
5	36 36	20 24	35 1/2 39 1/2	7 1/2 7 1/2	775 825
	48 48	20 24	36 1/2 40 1/2	8 1/2 9 1/2	940 990
	60 60	20 24	37 1/2 41 1/2	9 1/2 9 1/2	1170 1225
7 1/2	36 36	20 24	37 41	9 9	940 1000
	48 48	20 24	38 42	10 10	1180 1250
	60 60	20 24	38 42	10 10	1575 1660
10	36 36	24 30	43 49	10 10	1235 1355
	48 48	24 30	43 1/2 49 1/2	10 1/2 10 1/2	1630 1780
	60 60	24 30	44 50	11 11	1660 1780
	72 72	24 30	44 50	11 11	2010 2130
15	48 48	24 30	43 1/2 49 1/2	9 1/2 9 1/2	1185 1275
	60 60	24 30	44 50	10 10	1360 1450
	72 72	24 30	44 50	10 10	1835 1945
20	48 48	30 36	53 1/2 59 1/2	10 1/2 10 1/2	1475 1575
	60 60	24 30	47 1/2 53 1/2	10 1/2 10 1/2	1840 1965
	72 72	24 30	48 1/2 54 1/2	11 1/2 11 1/2	2200 2330
25	60 60	30 36	56 1/2 62 1/2	11 1/2 11 1/2	2245 2335
	72 72	30 36	56 1/2 62 1/2	11 1/2 11 1/2	2815 2975
30	60 72 72	30 30 36	59 1/2 60 66	11 1/2 12 12	2790 3555 3760
35	60 72 72	36 30 36	68 63 1/2 69 1/2	11 1/2 13 13	3525 3930 4150
40	72	36	69 1/2	13 1/2	4830

Note: “B” dimension is equal to 1/2 the width of the widest coil plus 1/2”.

MODEL 624-SL C-HOOK



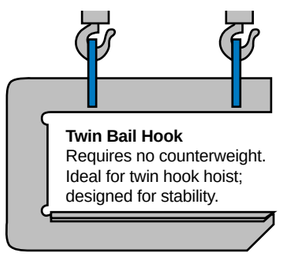
Designed for close stacking by shortening the distance from pick-up point (center of gravity) to the end of hook. Short lifting arm permits handling all coil widths within operating range (widest to narrowest) without the lifting arm extending beyond outer edge of coil. The reduced overall width of this style lifter can help decrease aisle space requirements, increasing storage capacity.

For capacities and dimensions not shown, please consult factory.

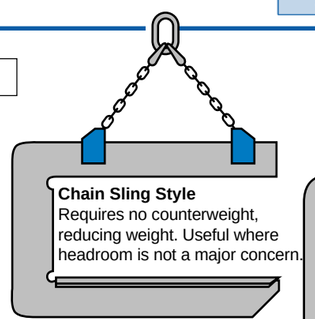
CAPACITY (TONS)	MAX. COIL WIDTH W_1	LIFTING ARM LENGTH L	MIN. COIL WIDTH W_2	CLEAR HEIGHT H	HEAD ROOM A	LIFTING ARM HEIGHT C	UNIT WEIGHT (LB.)
10	48 48	39 39	30 30	24 30	41 1/2 47 1/2	8 1/2 8 1/2	1150 1250
	60 60	48 48	36 36	24 30	41 47	8 8	1600 1700
	72 72	57 57	42 42	24 30	42 48	9 9	2000 2100
15	48 48	39 39	30 30	24 30	43 1/2 49 1/2	9 1/2 9 1/2	1500 1700
	60 60	48 48	36 36	24 30	44 50	10 10	2100 2200
	72 72	57 57	42 42	24 30	44 50	10 10	2600 2800
20	48 48	39 39	30 30	24 30	47 1/2 53 1/2	10 1/2 10 1/2	1900 2100
	60 60	48 48	36 36	24 30	47 1/2 53 1/2	10 1/2 10 1/2	2400 2700
	72 72	57 57	42 42	24 30	48 1/2 54 1/2	11 1/2 11 1/2	2900 3100
25	60 60	48 48	36 36	24 30	52 58	11 1/2 11 1/2	2400 2900
	72 72	57 57	42 42	24 30	52 58	11 1/2 11 1/2	3500 3800
30	60 72 72	48 57 57	36 42 42	30 30 36	60 1/2 61 67	11 1/2 12 12	3900 4100 4400
35	72 72	64 64	56 56	30 36	64 70	13 13	4300 4750
40	72	64	56	36	70 1/2	13 1/2	5400

Note: “B” dimension is equal to 1/2 the width of the widest coil plus 1/2”.

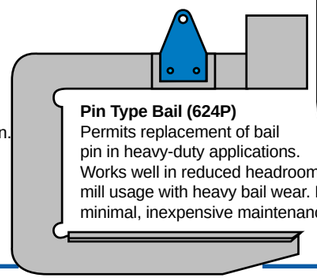
OPTIONS



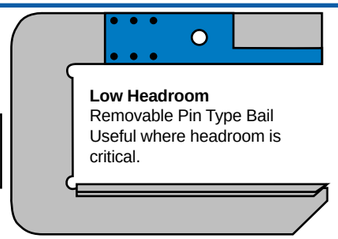
Twin Bail Hook
Requires no counterweight. Ideal for twin hook hoist; designed for stability.



Chain Sling Style
Requires no counterweight, reducing weight. Useful where headroom is not a major concern.

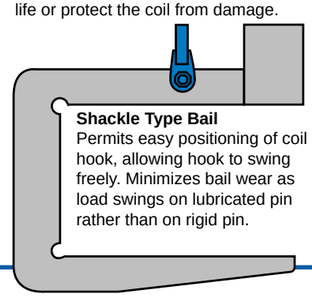


Pin Type Bail (624P)
Permits replacement of bail pin in heavy-duty applications. Works well in reduced headroom situations, and for mill usage with heavy bail wear. Designed for minimal, inexpensive maintenance.

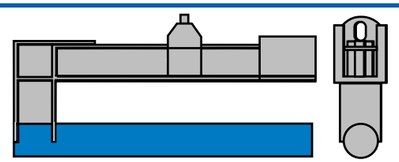


Low Headroom
Removable Pin Type Bail
Useful where headroom is critical.

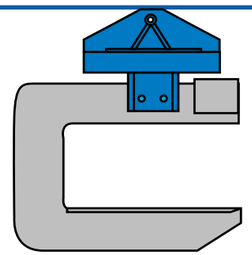
SURFACE PROTECTION MATERIAL
All Bushman C-hooks can be provided with protective coatings – nylon, rubber, brass, or steel wear plates – to prolong the hook life or protect the coil from damage.



Shackle Type Bail
Permits easy positioning of coil hook, allowing hook to swing freely. Minimizes bail wear as load swings on lubricated pin rather than on rigid pin.



Model 600
Useful for extremely long loads or loads with reduced ID dimensions (under 20,000 lb.). Ideal for carpet rolls, wire coils, paper rolls.



Motorized Rotating C-hook (MR624)
For higher capacities where positioning and orientation are critical. Allows remote positioning (can be cab, pendant or remotely controlled).

Bushman Equipment recommends the use of a parking stand for all C-hooks when not in use. ***See page 4 for details.***

All Bushman C-hook equipment is designed to meet or exceed the requirements of ASME-ANSI Standard B30.20.

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