

BASIC INFORMATION

Lift-All can provide a unique engineered device for your production requirements. Our custom devices range from large capacity beams to control and balance unwieldy loads, to fork lift attachments or small “S” or “J” hooks.

Features, Advantages and Benefits

Promotes Safety

- Specifically designed equipment makes each lift safer
- All equipment conforms to highest engineering standards and meets or exceeds government and industry regulations (ASME B30.20)
- Helps eliminate employee fatigue - raises morale and quality of work

Saves Money

- Productivity improves through efficiency when using properly designed lifting devices.
- Equipment can be designed to prevent costly load damage
- Rugged materials and construction provide long useful life

Inspection Criteria for Lifting Devices

Visually inspect lifting device and slings prior to each lift. Have competent person record inspection a minimum of once a year.

Check the following and correct before use:

- Structural deformation, cracks, excessive wear
- Loose or missing guards, fasteners, covers, stops or name plates
- Inoperable mechanisms including automatic hold or release devices
- Loose bolts or fasteners
- Cracked or worn gears, pulleys, sheaves, sprockets, bearings and chains
- Excessive wear of friction pads, linkage or other mechanical parts
- Excessive wear of hoist hooking points and load support clevises or pins

Safe Operating Practices

- Use only per ASME B30.20
- Check name plate to assure proper lifting capacity
- Lift a test load a sufficient distance to assure that the load is supported properly by the lifter and then inspect lifter for defects and deformation
- Instruct the operator in correct lifting practices including proper storage, load distribution, use of associated slings, temperature considerations, avoidance of obstructions, acceleration, side pulls and angle of lift. Read “Help” section, pages 3 through 12.
- Never lift over people and never ride the load
- For proper use of slings with lifting devices refer to ASME B30.9 and appropriate section of this catalog

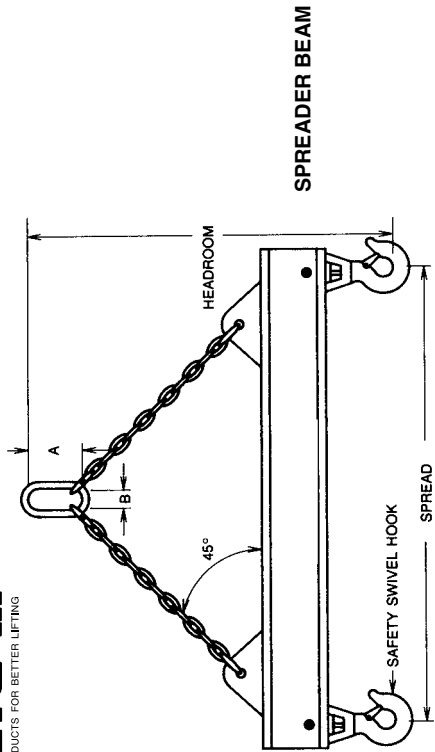
How to Order - The Easy Order System

1. Photocopy appropriate drawing from the following pages
2. Fill-in your specific data
3. Fax to *Lift-All* at 717-898-1215.

Phone 1-800-909-1964

If we have questions, we will call you. Our engineering drawing will be faxed to you for approval and purchase order.

Prior to sling or lifting device selection and use, review and understand the “Help” section pages 3 through 12.



LOW HEADROOM LIFTING BEAM

Required information:

Opening required for Overhead Hook:

A (Height) _____
B (Width) _____
C (Max.) _____
Capacity Required _____
Spread _____
Headroom _____
D (Optional) _____

Is load center of gravity centered between other pick points? Yes ☐ No ☐

If no, specify location in reference to pick points (attach a diagram if necessary): _____

If adjustable beam required, list quantity and spread for any additional pairs of holes, pins and hooks.

Lift-All Dwg. No. _____ Customer Dwg. No. _____

User Company _____ User Contact - Name - Phone _____

Purchase Order No. _____

Signature _____ Date _____

Quotation Needed By: _____ Date _____

Date _____ From _____ Person Requesting Quote _____

Distributor _____

Address _____

City _____ State _____ Zip _____

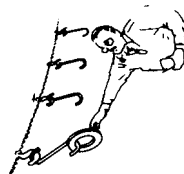
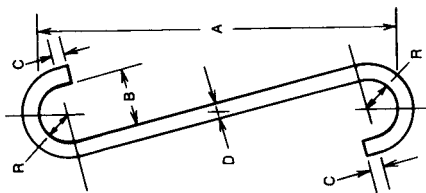
Phone () Fax () _____

NOTE: Custom Engineered Products Cannot Be Returned

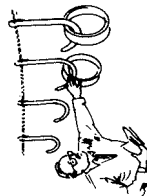
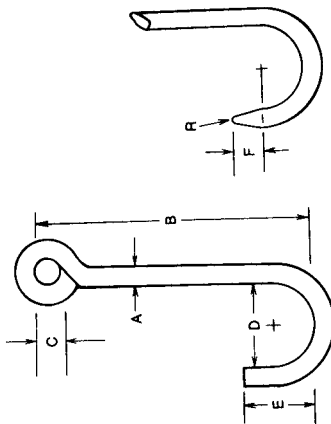
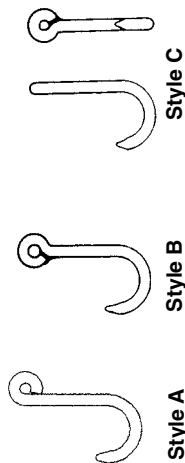
LB-1



ALLOY S-HOOK



ALLOY J-HOOK



Required information:

S-Hook

Material Diameter _____
 Rated Capacity _____
 Chain Size: _____
 A _____ B _____
 C _____ D _____
 R (Radius) _____

J-Hook

Style: Circle One A B C
 Tip: Flat-Tapered _____
 Rated Capacity _____
 Chain Size: _____
 A _____ B _____
 C _____ D _____
 E _____ F _____
 R (Tip Radius) _____
 Special Instructions: _____

Quotation Needed By: _____ Date _____

Date _____ From _____
Person Requesting Quote

Distributor _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Fax () _____

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User Company _____
 User Contact - Name - Phone _____

Purchase Order No. _____
 Signature _____ Date _____

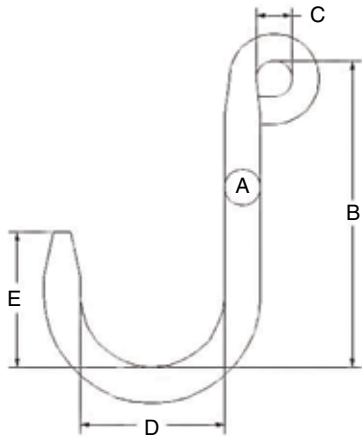
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STANDARD J-HOOKS

Alloy steel hooks, welded, heat treated, shot blast finish, proof tested and certified.

Foundry Sorting Hooks

Best for foundry and industrial general sorting operations.



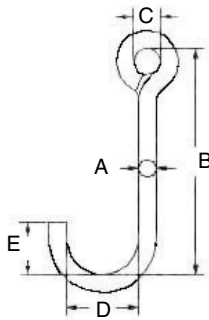
Standard

Part No.	A	B	C	D	E	Chain Size Eye Fits Mech. Coupler	Rated Capacity * (lbs.)
FSA050	0.50	6.00	0.75	2.50	2.00	0.28	500
FSA063	0.63	8.50	0.75	3.50	3.25	0.28	800
FSA075	0.75	8.50	0.75	3.50	3.25	0.28	1300
FSA081	0.81	8.50	0.88	3.50	3.25	0.38	1600
FSA100	1.00	8.50	1.00	4.00	3.75	0.38	2500
FSA113	1.13	8.50	1.00	4.00	4.00	0.38	3500
FSA125	1.25	8.50	1.25	4.00	4.00	0.50	4500
FSA150	1.50	8.50	1.25	5.00	4.00	0.50	6000

Short

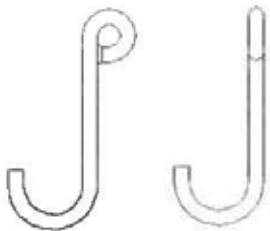
Part No.	A	B	C	D	E	Chain Size Eye Fits Mech. Coupler	Rated Capacity * (lbs.)
FSA050S	0.50	6.00	0.75	3.00	3.00	0.28	450
FSA063S	0.63	6.00	0.75	3.00	3.00	0.28	900
FSA075S	0.75	6.00	0.75	3.00	3.00	0.28	1400
FSA088S	0.88	6.00	0.88	3.00	3.00	0.38	2000
FSA100S	1.00	6.00	1.00	3.00	3.00	0.38	3000
FSA113S	1.13	6.00	1.00	3.00	3.00	0.38	4000
FSA125S	1.25	6.00	1.25	3.00	3.00	0.50	5500

STYLE B



STYLE A

STYLE C



Flat Tip Hooks

Part No.	Part No.	Part No.	A	B	C	D	E	Rated Capacity * (lbs.)
JAA031	JBA031	JCA031	0.31	5.00	0.75	1.25	0.88	250
JAA038	JBA038	JCA038	0.38	6.00	0.75	1.50	1.13	350
JAA050	JBA050	JCA050	0.50	8.00	0.75	2.00	1.50	650
JAA063	JBA063	JCA063	0.63	9.00	1.00	2.50	1.88	850
JAA075	JBA075	JCA075	0.75	10.00	1.00	3.00	2.25	1200
JAA088	JBA088	JCA088	0.88	12.00	1.00	3.50	2.63	1500
JAA100	JBA100	JCA100	1.00	14.00	1.25	4.00	3.00	2000
JAA113	JBA113	JCA113	1.13	15.00	1.25	4.50	3.37	2250
JAA125	JBA125	JCA125	1.25	16.00	1.50	5.00	3.75	2750
JAA138	JBA138	JCA138	1.38	17.00	1.50	5.50	4.13	3000
JAA150	JBA150	JCA150	1.50	18.00	2.00	6.00	4.50	3500
JAA175	JBA175	JCA175	1.75	20.00	2.50	7.00	5.25	4000
JAA200	JBA200	JCA200	2.00	24.00	3.00	8.00	6.00	5000

* Rated Capacity based on bearing to bearing pull. Tip load capacity averages 30% of bearing to bearing rating.

Required information:

Style Requested: ☐ Coil Lifter ☐ Pallet Lifter

Capacity _____

Minimum Coil I.D. _____

Maximum Coil O.D. _____

Maximum Coil Width _____

Size of Overhead Hook (Cap.) _____

A _____

B _____

C (Minimum) _____

D (Minimum) _____

E _____

F (Optional) _____

G _____

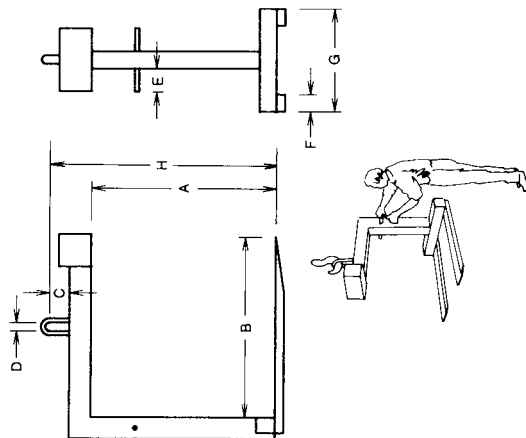
H (Optional) _____

R (Optional) _____

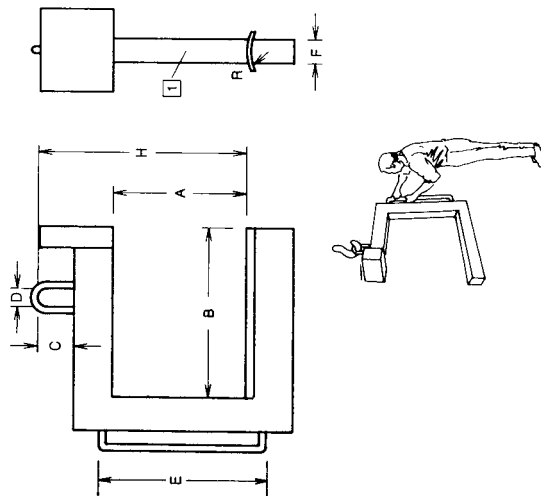
Back Stop Pad Yes ☐ No ☐

Special Instructions:

STANDARD PALLET LIFTER



STANDARD COIL LIFTER



Lift-All Dwg. No. _____ Customer Dwg. No. _____

User Company _____ User Contact - Name - Phone _____

Purchase Order No. _____

Signature _____ Date _____

Quotation Needed By: _____ Date _____

Date _____ From _____ Person Requesting Quote _____

Distributor _____

Address _____

City _____ State _____ Zip _____

Phone () _____ Fax () _____

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CONVERSION AND WEIGHT TABLES

Metric / English Conversions

Length

1 CM = .3937 In.
2.54 CM = 1 In.
.3048 M = 1 Ft.
1 M = 3.281 Ft.

Weight

.4536 Kg = 1 Lb.
1 Kg = 2.2046 Lbs.

Volume

.028 Cu. M = 1 Cu. Ft.
1 Cu. M = 35.314 Ft.
1 Cu. Ft. = 7.5 Gals.

Weights of Various Materials and Liquids

Pounds / cu. ft.					
Aluminum	165	Earth - Dry	75	Rubber	94
Asphalt	81	Earth - Wet	100	Sand - Dry	105
Brass	524	Gasoline	45	Sand - Wet	120
Brick	120	Glass	162	Steel	490
Bronze	534	Iron Casting	470	Water	63
Cement - Loose	95	Lead	708	Zinc	437
Cement - Set	183	Lumber - Fir	32		
Coal	56	Lumber - Oak	62		
Concrete	150	Lumber - RR Ties	50		
Crushed Rock	95	Oil, Motor	58		
Diesel	52	Paper	60		

Pounds / sq. ft.	
Steel Plate	
1/8"	5
1/4"	10
1/2"	20
1"	40
Aluminum Plate	
1/8"	1.75
1/4"	3.50
Lumber	
3/4" Fir	2
3/4" Oak	4

Pounds / gal.	
Gasoline	6.0
Diesel	7.0
Water	8.3

Decimal Equivalents

Fraction	Inches	Millimeters	Fraction	Inches	Millimeters
1/32	.0312	0.80	17/32	.5312	13.49
1/16	.0625	1.59	9/16	.5625	14.29
3/32	.0937	2.38	19/32	.5937	15.08
1/8	.125	3.18	5/8	.625	15.88
5/32	.1562	3.97	21/32	.6562	16.67
3/16	.1875	4.76	11/16	.6875	17.46
7/32	.2187	5.56	23/32	.7187	18.26
1/4	.250	6.35	3/4	.750	19.05
9/32	.2812	7.14	25/32	.7812	19.84
5/16	.3125	7.94	13/16	.8125	20.64
11/32	.3437	8.73	27/32	.8437	21.43
3/8	.375	9.53	7/8	.875	22.23
13/32	.4062	10.32	29/32	.9062	23.02
7/16	.4375	11.11	15/16	.9375	23.81
15/32	.4687	11.91	31/32	.9687	24.61
1/2	.500	12.70	1	1.0	25.40