

Industrial Shelving: Rivet Shelving Guide

A Cisco-Eagle guide to
available models, specification,
and configuration.



*Double rivet shelving
provides massive capacities
and accessibility from all
sides. It's great for any bulk
storage application.*



*Rivet shelving is
a great archival
records storage
solution*



Easy to assemble rivet shelving comes in a great variety of sizes and configurations



*Single Rivet shelving is the champion of
unobstructed spans, meaning everything is easy
to reach and grab.*

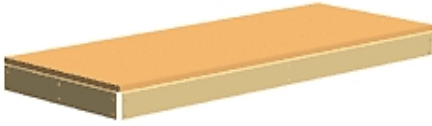
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Current prices and availability

Double Rivet Shelving

Double rivet shelving gives you the capacity for nearly any bulk storage application

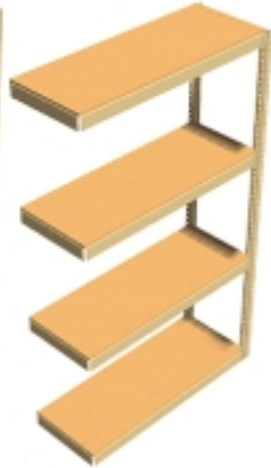


Double rivet shelving comes in standard 4-shelf configurations. Order extra shelves to create different numbers of shelf levels.

Double Rivet shelving provides a durable solution for the economical storage of retail, wholesale, or industrial goods. Hardware-free installation can be done without tools in a minimum of time. Double Rivet is a high capacity, heavier, more secure alternative to Single Rivet. Its capacities extend to 1800 pounds per shelf level. For alternative deck material such as wire grating, steel sheets, plywood, etc., please call us. Frame color: 723 Light Putty baked enamel. Other configurations available than those shown here. Call for more information. This shelving can be ordered online at www.cisco-eagle.com, where prices are always up to date and affordable. You can also find detailed drawings of every model, assembly instructions, and specification assistance on the website.



Starter with Deck



Adder with Deck

With Deck Included

Ht. (Ft.)	W x D (inches)	Cap. (Lbs.)	Starter Model Number	Wt. (Lbs.)	Adder Model Number	Wt. (Lbs.)	Extra Shelf Model No.	Wt. (Lbs.)
48	x 18	750	7D-4818-4W	110	7DA-4818-4W	108	DS-4818-W	23
48	x 18	1400	7D-4818-4HW	116	7DA-4818-4HW	114	DS-4818-HW	25
48	x 24	750	7D-4824-4W	131	7DA-4824-4W	129	DS-4824-W	28
48	x 24	1400	7D-4824-4HW	132	7DA-4824-4HW	130	DS-4824-HW	30
48	x 48	750	7D-4848-4W	213	7DA-4848-4W	211	DS-4848-W	50
48	x 48	1125	7D-4848-4HW	226	7DA-4848-4HW	224	DS-4848-HW	54
60	x 18	600	7D-6018-4W	131	7DA-6018-4W	129	DS-6018-W	28
60	x 18	1200	7D-6018-4HW	136	7DA-6018-4HW	134	DS-6018-HW	30
60	x 24	600	7D-6024-4W	155	7DA-6024-4W	153	DS-6024-W	40
60	x 24	1200	7D-6024-4HW	162	7DA-6024-4HW	160	DS-6024-HW	36
60	x 30	600	7D-6030-4W	179	7DA-6030-4W	177	DS-6030-W	41
60	x 30	1200	7D-6030-4HW	187	7DA-6030-4HW	185	DS-6030-HW	43
72	x 18	500	7D-7218-4W	151	7DA-7218-4W	149	DS-7218-W	34
72	x 18	1000	7D-7218-4HW	156	7DA-7218-4HW	154	DS-7218-HW	35
72	x 18	1850	7DC-7218-4HW	166	7DCA-7218-4HW	164	DCS-7218-HW	38
72	x 24	1500	7D-7224-4W	180	7DA-7224-4W	178	DS-7224-W	41
72	x 24	1000	7D-7224-4HW	187	7DA-7224-4HW	185	DS-7224-HW	43
72	x 24	1850	7DC-7224-4HW	197	7DCA-7224-4HW	195	DCS-7224-HW	46
72	x 36	500	7D-7236-4W	238	7DA-7236-4W	236	DS-7236-W	55
72	x 36	1000	7D-7236-4HW	256	7DA-7236-4HW	254	DS-7236-HW	58
72	x 36	1850	7DC-7236-4HW	258	7DCA-7236-4HW	256	DCS-7236-HW	61
96	x 18	620	7D-9618-4W	202	7DA-9618-4W	200	DS-9618-W	46
96	x 18	1400	7DC-9618-4HW	217	7DCA-9618-4HW	215	DCS-9618-HW	51
96	x 24	620	7D-9624-4W	244	7DA-9624-4W	242	DS-9624-W	57
96	x 24	1400	7DC-9624-4HW	261	7DCA-9624-4HW	259	DCS-9624-HW	61
96	x 36	620	7D-9636-4W	326	7DA-9636-4W	324	DS-9636-W	78
96	x 36	1400	7DC-9636-4HW	341	7DCA-9636-4HW	339	DCS-9636-HW	82
96	x 48	620	7D-9648-4W	408	7DA-9648-4W	406	DS-9648-W	100
96	x 48	1400	7DC-9648-4HW	423	7DCA-9648-4HW	421	DCS-9648-HW	104



Starter No Deck



Adder No Deck

No Decking Included

Ht. (Ft.)	W x D (inches)	Cap. (Lbs.)	Starter Model Number	Wt. (Lbs.)	Adder Model Number	Wt. (Lbs.)	Extra Shelf Model Number	Wt. (Lbs.)
48	x 18	750	7D-4818-4	57	7DA-4818-4	56	DS-4818	10
48	x 18	1400	7D-4818-4H	63	7DA-4818-4H	61	DS-4818-H	11
48	x 24	750	7D-4824-4	60	7DA-4824-4	59	DS-4824	11
48	x 24	1400	7D-4824-4H	61	7DA-4824-4H	66	DS-4824-H	12
48	x 48	750	7D-4848-4	73	7DA-4848-4	76	DS-4848	15
48	x 48	1125	7D-4848-4H	86	7DA-4848-4H	84	DS-4848-H	19
60	x 18	600	7D-6018-4	65	7DA-6018-4	63	DS-6018	12
60	x 18	1200	7D-6018-4H	70	7DA-6018-4H	68	DS-6018-H	13
60	x 24	600	7D-6024-4	68	7DA-6024-4	66	DS-6024	13
60	x 24	1200	7D-6024-4H	75	7DA-6024-4H	73	DS-6024-H	14
60	x 30	600	7D-6030-4	71	7DA-6030-4	69	DS-6030	13
60	x 30	1200	7D-6030-4H	79	7DA-6030-4H	77	DS-6030-H	16
72	x 18	500	7D-7218-4	72	7DA-7218-4	70	DS-7218	14
72	x 18	1000	7D-7218-4H	77	7DA-7218-4H	76	DS-7218-H	15
72	x 18	1850	7DC-7218-4H	87	7DCA-7218-4H	85	DCS-7218-H	18
72	x 24	1500	7D-7224-4	75	7DA-7224-4	73	DS-7224	15
72	x 24	1000	7D-7224-4H	82	7DA-7224-4H	80	DS-7224-H	10
72	x 24	1850	7DC-7224-4H	91	7DCA-7224-4H	90	DCS-7224-H	19
72	x 36	500	7D-7236-4	81	7DA-7236-4	79	DS-7236	16
72	x 36	1000	7D-7236-4H	99	7DA-7236-4H	89	DS-7236-H	19
72	x 36	1850	7DC-7236-4H	100	7DCA-7236-4H	99	DCS-7236-H	22
96	x 18	620	7D-9618-4H	97	7DA-9618-4H	96	DS-9618-H	20
96	x 18	1400	7DC-9618-4H	112	7DCA-9618-4H	110	DCS-9618-H	24
96	x 24	620	7D-9624-4H	104	7DA-9624-4H	102	DS-9624-H	22
96	x 24	1400	7DC-9624-4H	121	7DCA-9624-4H	116	DCS-9624-H	26
96	x 36	620	7D-9636-4H	116	7DA-9636-4H	114	DS-9636-H	25
96	x 36	1400	7DC-9636-4H	131	7DCA-9636-4H	129	DCS-9636-H	29
96	x 48	620	7D-9648-4H	128	7DA-9648-4H	126	DS-9648-H	30
96	x 48	1400	7DC-9648-4H	143	7DCA-9648-4H	141	DCS-9648-H	34

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Single Rivet Shelving

Utilize single rivet shelving for lower capacity tasks where accessibility is key



Single Rivet without Decking Order for Freight Savings

Ht. (Ft.)	W x D (Inches)	Cap. (Lbs.)	No. Shelves	Starter Model No.	Wt. (Lbs.)	Adder Model No.	Wt. (Lbs.)	
7'	36 x 12	350	5	7S-3612-5	41	7SA-3612-5	37	
	36 x 18			7S-3618-5	43	7SA-3618-5	38	
	36 x 24			7S-3624-5	45	7SA-3624-5	38	
	48 x 12			7S-4812-5	47	7SA-4812-5	43	
	48 x 18	250	7S-4818-5	48	7SA-4818-5	44		
	48 x 24		7S-4824-5	50	7SA-4824-5	44		
	36 x 12		7S-3612-6	44	7SA-3612-6	40		
	36 x 18		7S-3618-6	46	7SA-3618-6	40		
	36 x 24	350	6	7S-3624-6	48	7SA-3624-6	42	
	48 x 12			7S-4812-6	50	7SA-4812-6	46	
	48 x 18			7S-4818-6	52	7SA-4818-6	47	
	48 x 24			7S-4824-6	54	7SA-4824-6	48	
	7'	36 x 12	350	7	7S-3612-7	47	7SA-3612-7	43
		36 x 18			7S-3618-7	49	7SA-3618-7	44
		36 x 24			7S-3624-7	50	7SA-3624-7	44
		48 x 12			7S-4812-7	54	7SA-4812-7	50
48 x 18		250	7S-4818-7	56	7SA-4818-7	51		
48 x 24			7S-4824-7	58	7SA-4824-7	52		
36 x 12			7S-3612-8	50	7SA-3612-8	46		
36 x 18			7S-3618-8	52	7SA-3618-8	46		
36 x 24		350	8	7S-3624-8	54	7SA-3624-8	47	
48 x 12				7S-4812-8	58	7SA-4812-8	54	
48 x 18				7S-4818-8	60	7SA-4818-8	55	
48 x 24				7S-4824-8	62	7SA-4824-8	56	

Single Rivet with Particle Board Deck

Ht. (Ft.)	W x D (Inches)	Cap. (Lbs.)	Starter Model No.	Wt. (Lbs.)	Adder Model No.	Wt. (Lbs.)		
Single Rivet with 5 Shelves								
7	36 x 12	350	7S-3612-5W	77	7SA-3612-5W	73		
	36 x 18	350	7S-3618-5W	97	7SA-3618-5W	92		
	36 x 24	350	7S-3624-5W	117	7SA-3624-5W	111		
	48 x 12	250	7S-4812-5W	95	7SA-4812-5W	91		
	48 x 18	250	7S-4818-5W	121	7SA-4818-5W	116		
	48 x 24	250	7S-4824-5W	147	7SA-4824-5W	141		
	Single Rivet with 6 Shelves							
	7	36 x 12	350	7S-3612-6W	87	7SA-3612-6W	83	
		36 x 18	350	7S-3618-6W	110	7SA-3618-6W	105	
		36 x 24	350	7S-3624-6W	135	7SA-3624-6W	128	
		48 x 12	250	7S-4812-6W	108	7SA-4812-6W	104	
		48 x 18	250	7S-4818-6W	140	7SA-4818-6W	134	
		48 x 24	250	7S-4824-6W	170	7SA-4824-6W	164	
		Single Rivet with 7 Shelves						
		7	36 x 12	350	7S-3612-7W	97	7SA-3612-7W	93
			36 x 18	350	7S-3618-7W	124	7SA-3618-7W	119
36 x 24			350	7S-3624-7W	152	7SA-3624-7W	146	
48 x 12			250	7S-4812-7W	122	7SA-4812-7W	118	
48 x 18			250	7S-4818-7W	158	7SA-4818-7W	153	
48 x 24			250	7S-4824-7W	194	7SA-4824-7W	187	
Single Rivet with 8 Shelves								
7			36 x 12	350	7S-3612-8W	107	7SA-3612-8W	103
			36 x 18	350	7S-3618-8W	138	7SA-3618-8W	133
	36 x 24		350	7S-3624-8W	170	7SA-3624-8W	163	
	48 x 12		250	7S-4812-8W	135	7SA-4812-8W	131	
	48 x 18		250	7S-4818-8W	176	7SA-4818-8W	171	
	48 x 24		250	7S-4824-8W	217	7SA-4824-8W	211	

Why Single Rivet?

Single Rivet shelving is designed to provide maximum vertical clearance between shelves. Provides access from all four sides of the unit because cross-braces are not needed to maintain stability.

Assembly is easy

Assembles quickly and easily without hardware or the use of special tools. Capacities up to 350 lbs. per shelf level available. For higher capacities, order Double Rivet. For alternative deck material such as wire grating, steel sheets, plywood, etc., please call us. Frame color: 723 Light Putty.

How to Order

This shelving can be ordered online at www.cisco-eagle.com, where prices are always up to date and affordable. You can also find detailed drawings of every model, assembly instructions, and specification assistance on the website.

For fast, personal service, call our customer service department or your Cisco-Eagle representative. For large orders or layout assistance, we'll help you create exactly the shelving you need to fit your space and application.

Starters & Adders
Pictured with Wood



5-Shelf



6-Shelf



7-Shelf



8-Shelf

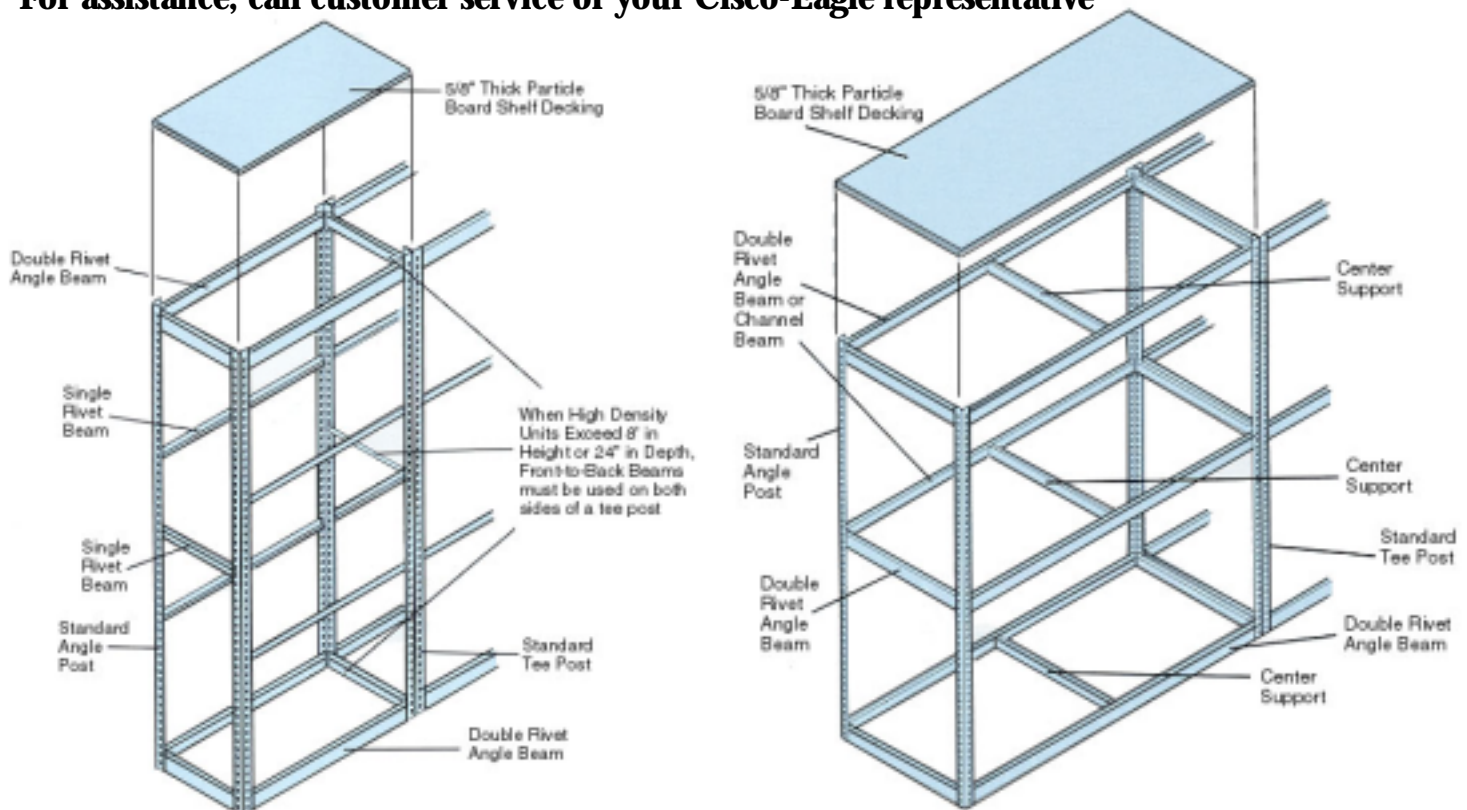
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Rivet Shelving Specification

For assistance, call customer service or your Cisco-Eagle representative



PRODUCT STORED: Determine the weight of product to be stored, and the number of products to be stored per shelf. This gives you a good idea how to size your shelving units. If you are filling a room, go from the size of your room and configure shelving units to fit. If your product is tall, you can buy units with fewer shelves.

SHELF DIMENSIONS: Determine overall width of shelving area. This is the amount of side-to-side space you wish to store product in. **Determine the width**, or left-to-right dimension of the individual shelf units needed. Standard rivet shelving units are 12", 15", 18", 24", 30", 36", 42", 48", 60", 69", 72", 84", and 96" wide. Choose the size that best fits your product. Note that each individual unit in a line of shelving unit adds from 1/2" to 3/4" to the actual width. You begin a row of shelves with a starter unit, and attach adder units to extend. **Determine the shelf depth.** This is the front-to-back dimension. Choose the size that best fits your product depth. Standard depths are 12", 15", 18", 24", 30", 36", 42", and 48" for rivet shelving. **Determine height of shelving needed.** Some factors that may help determine this are: Ceiling height and number of shelf openings required. Shelf openings are the space between shelf levels. For example, a seven shelf unit will have six openings. Our standard units are all 84" tall.

CAPACITY: Determine the weight each shelf will need to bear based on the weight of stored product and number of products per shelf. This will help determine whether you will need a single rivet or double rivet beam. Capacities vary from 250 lbs. to 1,850 lbs. for each shelf. Note that this capacity is based upon evenly distributed loads and reflects the capacity of the steel structure only.

DECKING: Determine the required decking material. This is based on the capacity needed per shelf level. Typically, Particle Board shelves are used, but for some higher capacity applications, you may want other kinds of decking. For assistance please contact us.

Consider your options. This guide reflects rivet shelving, but there are other types of shelving. For many applications you can utilize Steel Shelving, Rivet Shelving, or Wire Shelving. For advice on shelving sizes, configurations and sizes, contact us.

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Rivet Shelving Applications

Capacity Calculations

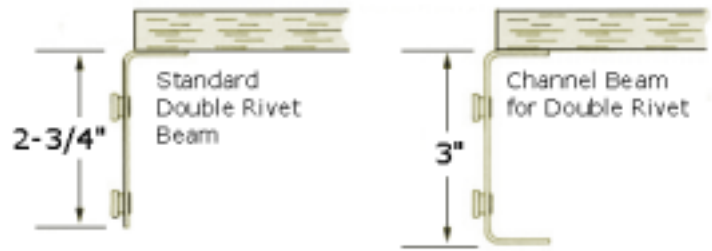
When you are considering the weight capacity required for your situation, you need to consider the capacity of the shelf, the posts, and the decking material.

Changing the number of shelves per unit will affect the capacity of the posts. Units with fewer shelves spaced farther apart decreases the capacity of the posts.

Adding more shelves to a unit increases the capacity of the posts—to a point. However it is possible to add more shelves than the posts can carry. Overloading the posts can cause failure of the shelving unit, damaging the items stored, and possibly injuring somebody unfortunate enough to be standing near the unit when it fails.

As an example, a 72" wide x 18" deep unit with channel beams and center supports used for the shelves can hold up to 1,850 lbs. The capacity of the four angle posts in an 84" high unit with four shelves is 5,960 lbs. If you load the four shelves to their rated capacity you would be carrying a load of 7,400 lbs, exceeding the capacity of the posts, and likely causing failure of the unit. For this situation, the capacity of the posts limits the effective capacity of the unit to 1,490 lbs per shelf.

Lighter capacity decking materials can also change the effective capacity of the shelving unit, and should be considered when specifying your requirements. If you have a requirement for heavier loads, we can verify that the shelving you are considering is adequate to hold the weight you would like to place on it. Contact Cisco-Eagle customer service if you are uncertain that the shelving you want will adequately hold its intended capacity.



Decking Options: it's often more economical to order decking separate from your shelving unit...



Because of the high shipping costs, it is often more cost effective to purchase the wood decking for your shelving locally. This might seem inconvenient, but it can really save money. Wood prices also vary regionally, so you might find the particle board purchased locally to be less expensive in actual terms than buying it from us, as well as less expensive in terms of freight.

Particle Board

Typically, Rivet Shelving Units are decked with particle board. We use and recommend 5/8" underlayment grade particle board. It is not recommended that you use particle board decking less than 5/8" thick. Other grades of particle board may be used, but

underlayment grade provides the smoothest surface.

There are no special requirements for cutting wood decking for these shelving units. Simply cut the wood to the listed size of the unit. All widths and depths listed are nominal. The actual sizes of the units are width + 1/2" and depth + 1/2" to make room for the decking material. *Example:* If your requirement is for 48" x 24" shelving, you need to cut a 4' x 8' sheet of wood into 4 pieces at 48" x 24" for your decking. The actual overall size of this unit is 48-1/2" x 24-1/2". Wood decking cut to 48"x24" fits perfectly on the beams.

Other Decking Materials

Plywood, OSB, and other types of wood are also acceptable. Metal decking and wire decking are also available. Please contact us for pricing on these decking materials. Call us at 1-888-877-3861 or email 24hours@cisco-eagle.com.

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