



## Lifting Magnets

Safely lift and transfer steel and iron without slings, hooks, or cables. Use individually or in series with a spreader beam. Capacity is lower on thinner materials. Paint, coatings, scale, or other materials on the contact surface may significantly reduce holding power. Conform to ASME B30.20.

For more information on Eriez Lifting Magnets, see documentation on Grainger.com®.

**SafeHold Manual On/Off**—Permanent, 2-pole magnets lift round and flat materials without electricity. Include hook bale.

**SafeHold Automatic On/Off**—Suitable for lifting flat materials from burn tables and where access is limited. Permanent magnets; no electricity required. Turn on or off automatically each time they go through a full lift cycle. Include lifting eye.

**Selecto Electric**—Lift/Off/Drop switch is top-mounted. Magnetizing requires 115VAC electric power. Includes lifting eye.



Max. Rated Flat Capacity	Max. Rated Round Capacity	Overall Height	Overall Length	Overall Width	Item No.
<b>Safehold® Manual On/Off</b>					
250 lb	125 lb	4 1/16 in	4 3/4 in	2 1/2 in	490P78
750 lb	375 lb	7 3/32 in	7 3/4 in	3 3/8 in	490P79
1,500 lb	750 lb	8 5/8 in	10 23/32 in	4 13/16 in	490P80
2,500 lb	1,250 lb	11 17/32 in	12 1/2 in	6 1/16 in	490P81
<b>Safehold® Automatic On/Off</b>					
1,100 lb	—	21 1/2 in	16 3/8 in	17 1/8 in	1TAF4
2,400 lb	—	22 3/4 in	22 13/16 in	18 1/16 in	1TAF5

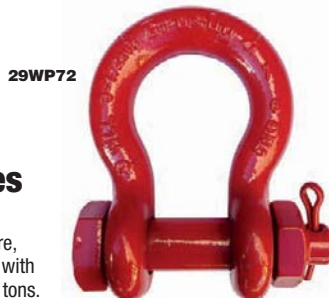
Max. Lifting Capacity	Overall Dia. Electric	Overall Height	Item No.
375 lb	4 in	5 1/2 in	1TAF1
1,030 lb	5 9/16 in	8 3/8 in	1TAF2
2,800 lb	8 5/8 in	10 1/2 in	1TAF3



## Permanent Lifting Magnets

Lightweight, small-volume magnets are easy to transport, provide a more effective use of available floor space, and increase stacking height. Large, heavy pieces can easily be moved by one operator. Can be used with both flat and round components. Stable structure is made with high-energy rare earth NdFeB magnets. Use with spreader beam to handle long plates, pipes, or bars.

Max. Rated Flat Capacity	Max. Rated Round Capacity	Bail Opening Height	Bail Opening Width	Overall Length	Magnet Length	Magnet Width	Magnet Height	Item No.
250 lb	125 lb	2 3/8 in	1 3/8 in	4 3/4 in	3 1/4 in	2 1/2 in	2 3/8 in	49P417
800 lb	400 lb	2 7/8 in	1 3/4 in	7 7/8 in	6 in	3 3/8 in	3 1/2 in	49P418
1,600 lb	800 lb	4 in	2 3/4 in	10 3/8 in	8 3/4 in	4 3/4 in	4 3/8 in	49P419
2,500 lb	1,250 lb	6 3/4 in	4 in	12 1/2 in	10 1/4 in	7 in	6 1/2 in	49P420
5,000 lb	2,500 lb	8 3/4 in	4 1/2 in	16 3/4 in	14 3/8 in	9 1/8 in	8 3/8 in	49P421



## Crosby Bolt, Nut, and Cotter Shackles

Galvanized per ASME B30.26

Heavy-duty shackles provide a secure, semipermanent connection. Marked with size and working load limit (WLL), in tons.

Working Load Limit	Width Between Eyes	Pin Dia.	Body Size	Item No.
4,000 lb	1 3/16 in	2 1/32 in	1/2 in	29WP72
6,500 lb	1 1/8 in	3/4 in	3/8 in	29WP73
9,500 lb	1 1/4 in	7/8 in	3/4 in	29WP74
13,000 lb	1 7/16 in	1 in	7/8 in	29WP75
17,000 lb	1 11/16 in	1 1/8 in	1 in	29WP76
19,000 lb	1 13/16 in	1 1/4 in	1 1/8 in	29WP77
24,000 lb	2 1/32 in	1 3/8 in	1 1/4 in	29WP78
27,000 lb	2 1/4 in	1 1/2 in	1 3/8 in	29WP79
34,000 lb	2 3/8 in	1 5/8 in	1 1/2 in	29WP80
50,000 lb	2 7/8 in	2 in	1 3/4 in	29WP81
70,000 lb	3 1/4 in	2 1/4 in	2 in	29WP82
110,000 lb	4 1/8 in	3 3/4 in	2 1/2 in	29WP83



## Screw Pin Shackles

316 stainless steel construction

Marine-grade design and materials provide corrosion resistance. Feature low-profile and compact design. 5GAA5 has a bolt head for wrench tightening.



Screw Pin D Shackle

Working Load Limit	Width Between Eyes	Body Size	Pin Dia.	Item No.
<b>Bow Shackles</b>				
660 lb	1/16 in	3/16 in	5/32 in	5FZ23
880 lb	1/8 in	23/32 in	3/16 in	5FZ24
1,545 lb	3/8 in	13/16 in	1/4 in	5FZ25
2,975 lb	3/8 in	1 1/16 in	5/16 in	5FZ26
7,490 lb	1 1/16 in	2 1/8 in	3/8 in	5FZ27

Working Load Limit	Width Between Eyes	Body Size	Pin Dia.	Item No.
<b>D Shackles</b>				
310 lb	1 1/32 in	15/32 in	1/8 in	5FZ28
660 lb	1 1/32 in	3/8 in	3/32 in	5FZ29
880 lb	1/16 in	23/32 in	3/16 in	5GAA0
1,545 lb	3/8 in	7/8 in	1/4 in	5GAA1
2,975 lb	3/8 in	1 5/32 in	5/16 in	5GAA2
3,970 lb	21/32 in	1 1/2 in	3/8 in	5GAA3
8,265 lb	3/4 in	1 31/32 in	1/2 in	5GAA4
12,125 lb	1 in	1 59/32 in	5/8 in	5GAA5

## Crosby Screw Pin Anchor Shackles

Galvanized per ASME B30.26

For applications where the shackle is removed frequently. Shackles are permanently marked with size and working load limit (WLL), in tons. Wide-body shackle units have powder-coat finish.



29WP42

Working Load Limit	Width Between Eyes	Body Size	Pin Dia.	Item No.
<b>Painted Finish, Carbon Steel Body &amp; Pin</b>				
1,000 lb	1 1/32 in	1/4 in	3/16 in	29WP42
1,500 lb	1 1/32 in	3/8 in	3/8 in	29WP43
2,000 lb	2 1/32 in	3/8 in	7/16 in	29WP44
3,000 lb	3/4 in	1/2 in	1/2 in	29WP45
4,000 lb	1 1/16 in	1/2 in	21/32 in	29WP46
6,500 lb	1 1/16 in	3/4 in	3/4 in	29WP47
9,500 lb	1 1/4 in	3/4 in	7/8 in	29WP48
13,000 lb	1 1/16 in	7/8 in	1 in	29WP49
17,000 lb	1 13/16 in	1 in	1 1/8 in	29WP50
19,000 lb	1 13/16 in	1 1/8 in	1 1/4 in	29WP51
24,000 lb	2 1/32 in	1 1/4 in	1 3/8 in	29WP52
27,000 lb	2 1/4 in	1 3/8 in	1 1/2 in	29WP53
50,000 lb	2 7/8 in	1 3/4 in	2 in	29WP55
70,000 lb	3 1/4 in	2 in	2 1/4 in	29WP56
110,000 lb	4 1/8 in	2 1/2 in	2 3/4 in	29WP57

Working Load Limit	Width Between Eyes	Body Size	Pin Dia.	Item No.
<b>Galvanized Finish, Carbon Steel Body &amp; Pin</b>				
660 lb	3/8 in	3/16 in	1/4 in	29WP58
1,000 lb	1 1/32 in	1/4 in	5/16 in	29WP59
1,500 lb	1 1/32 in	3/8 in	3/8 in	29WP60
2,000 lb	2 1/32 in	3/8 in	1/2 in	29WP61
4,000 lb	1 1/16 in	1/2 in	21/32 in	29WP63
6,500 lb	1 1/16 in	3/4 in	3/4 in	29WP64
9,500 lb	1 1/4 in	3/4 in	7/8 in	29WP65
13,000 lb	1 1/16 in	7/8 in	1 in	29WP66
17,000 lb	1 13/16 in	1 in	1 1/8 in	29WP67
19,000 lb	1 13/16 in	1 1/8 in	1 1/4 in	29WP68
24,000 lb	2 1/32 in	1 1/4 in	1 3/8 in	29WP69
27,000 lb	2 1/4 in	1 3/8 in	1 1/2 in	29WP70
34,000 lb	2 3/8 in	1 1/2 in	1 3/8 in	29WP71