

SHACKLES HIGH LOAD SCREW PIN AND SAFETY (GALVANIZED/SELF-COLOURED)

SAFE WORKING LOAD	BODY DIAM		PIN DIAM		INSIDE AT PIN		WEIGHT ON KGR FOR 100PCS OF EACH TYPE			
	mm	INC	mm	INC	mm	INC	DEE PIN	DEE BOLT	BOW PIN	BOW BOLT
1.00	9.52	3/8"	10.72	7/16"	16.66	21/32"	13.15		13.60	
1.50	10.72	7/16"	12.70	1/2"	18.25	23/32"	19.04		22.22	
2.03	12.70	1/2"	15.88	5/8"	20.64	13/16"	32.19	35.37	34.47	38.54
3.25	15.88	5/8"	19.10	3/4"	26.99	1 1/16"	57.59	72.56	67.57	73.47
4.75	19.10	3/4"	22.23	7/8"	31.75	1 1/4"	100.22	121.99	100.68	130.16
6.50	22.23	7/8"	25.40	1"	36.52	1 7/16"	142.86	168.70	155.55	182.31
8.50	25.40	1"	28.58	1 1/8"	42.80	1 11/16"	208.61	246.71	264.85	258.95
9.50	28.58	1 1/8"	31.75	1 1/4"	46.00	1 13/16"	302.94	334.69	338.32	360.54
12.00	31.75	1 1/4"	35.12	1 3/4"	51.60	2 1/32"	406.34	470.74	439.00	512.01
13.50	35.12	1 3/8"	38.10	1 1/2"	52.15	2 1/4"	553.28	611.79	583.67	696.59
17.00	38.10	1 1/2"	41.27	1 5/8"	60.32	2 3/8"	741.49	841.27	793.19	892.51
25.00	44.50	1 3/4"	50.80	2"	73.03	2 7/8"	1,156.50	1,299.31	1,270.74	1,424.03
35.00	50.80	2"	57.15	2 1/4"	79.38	3 1/4"	1,663.63	1,872.10	1,874.83	2,106.57
42.50	57.15	2 1/4"	63.50	2 1/2"	95.25	3 3/4"	2,494.33	2,875.28	2,693.88	3,061.22
50.00	63.50	2 1/2"	69.90	2 3/4"	104.77	4 1/8"	3,365.00	3,839.00	3,814.96	4,272.10
62.50	69.90	2 3/4"	76.20	3"	114.30	4 1/2"	4,376.40	4,807.25	4,920.63	5,442.17
75.00	76.20	3"	82.55	3 1/4"	127.00	5"	4,916.10	5,605.44	5,417.68	6,589.57
100.00	88.90	3 1/2"	95.30	3 3/4"	146.05	5 3/4"	8,730.20	9,913.83	9,523.80	11,374.15

NOTES:

- 1) Maximum proof load is 2 to 2.2 times the working load.
- 2) Minimum Breaking Load is 5 times the working load (usually 4 to 6).
- 3) Side loading on shackles from the 0° in line at angles of 45° reduces the working load limit to its 70% and of angles of 90° to 50%.

SINGLE BLOCKS

DOUBLE BLOCKS

S.W.L. /TONS	PL	SHEAVE	WEIGHT	WIRE ROPES	S.W.L. /TONS	PL	SHEAVE	WEIGHT	WIRE ROPES
3	12	260	32	16-20	5	10	260	42	16-20
5	20	300	42	20-22	10	20	300	57	20-22
5	20	340	52	20-22	16	32	340	105	22-24
10	40	410	100	22-24	20	40	410	190	24-26
16	64	430	125	24-23	25	50	430	240	26-28
20	80	460	140	26-28	32	64	460	280	26-28

- NOTES: 1) Double lug (jaw) blocks are slightly heavier for each size than their respective with other type crowns.
2) The treble cargo blocks start from a SWL of 32 tons minimum.

MALLEABLE IRON BLOCKS

SHEAVE DIAM	SINGLE ROPE DIAM.	DOUBLE ROPE DIAM.	TRIPLE ROPE DIAM.
5"	18 m/m	"	"
6"	20 m/m	"	"
7"	22 m/m	"	"
8"	24-26 m/m	"	"
9"	26-28 m/m	"	"
10"	28-30 m/m	"	"