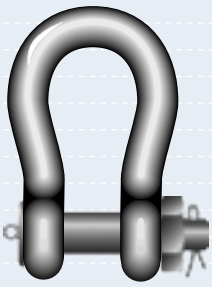
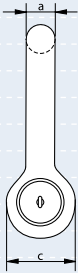
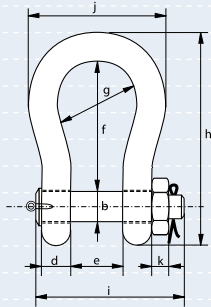


Green Pin® Heavy Duty Bow Shackles with safety bolt



- **Material** : bow and pin alloy steel, Grade 8 quenched and tempered
- **Safety Factor** : MBL equals 5 x WLL
- **Finish** : shackle bow painted silver, pin painted green (120 tons shackle is hot dipped galvanized)
- **Certificates** : as standard a works certificate is supplied, also upon request a certificate of basic raw material, manufacturer test certificate, EC declaration of conformity and all shackles starting from 150 tons are supplied with a Lloyd's Register of Shipping Certificate on proof load
- **Note** : +5% forging tolerance on inside width and length



working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length bow	length bolt	width bolt	thickness nut	weight each
tons	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	kg
120	95	95	215	89	144	381	238	667	440	416	50	110
150	105	108	245	100	165	400	275	702	490	485	60	160
200	120	130	288	110	175	500	290	854	520	530	60	235
250	130	140	308	115	200	540	305	921	560	565	65	285
300	140	150	335	120	200	600	305	1018	575	585	70	340
400	170	175	387	160	225	650	325	1137	690	665	70	560
500	180	185	410	160	250	700	350	1213	710	710	70	685
600	200	205	458	185	275	700	375	1267	810	775	70	880
700	210	215	468	200	300	700	400	1287	850	820	70	980
800	210	220	478	200	300	700	400	1294	870	820	70	1100
900	220	230	500	210	320	700	420	1320	920	860	70	1280
1000	240	240	530	210	340	700	420	1360	940	900	70	1460
1250	260	270	600	225	360	700	450	1430	1020	970	70	1990
1500	280	290	640	225	360	700	450	1480	1060	1010	70	2400

In inch

working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length bow	length bolt	width bolt	thickness nut	weight each
tons	a inch	b inch	c inch	d inch	e inch	f inch	g inch	h inch	i inch	j inch	k inch	lbs
120	3 3/4	3 3/4	8 1/2	3 17/32	5 11/16	15	9 11/32	26 9/32	17 5/16	16 3/8	2	243
150	4	4 1/4	9 5/8	3 15/16	6 17/32	15 3/4	10 13/16	27 5/8	19 9/32	19 1/8	2 3/8	353
200	4 3/4	5 1/8	11 11/32	4 5/16	6 29/32	19 11/16	11 7/16	33 5/8	20 1/2	20 7/8	2 3/8	518
250	4 7/8	5 1/2	12 1/8	4 17/32	7 7/8	21 9/32	12	36 9/32	22	22 1/4	2 9/16	628
300	5 5/16	5 7/8	13 3/16	4 23/32	7 7/8	23 5/8	12	40	22 5/8	23	2 3/4	750
400	6 1/2	6 7/8	15 1/4	6 5/16	8 7/8	25 19/32	12 25/32	44 3/4	27 5/32	26 1/4	2 3/4	1235
500	6 7/8	7 1/4	16 5/32	6 5/16	9 13/16	27 1/2	13 25/32	47 3/4	28	28	2 3/4	1510
600	7 5/8	8 1/16	18	7 9/32	10 13/16	27 1/2	14 3/4	49 7/8	31 7/8	30 1/2	2 3/4	1940
700	8 1/16	8 1/2	18 7/16	7 7/8	11 13/16	27 1/2	15 3/4	50 11/16	33 1/2	32 3/8	2 3/4	2161
800	8 1/4	8 5/8	18 13/16	7 7/8	11 13/16	27 1/2	15 3/4	51	34 1/4	32 3/8	2 3/4	2425
900	8 5/8	9 1/16	19 11/16	8 9/32	12 19/32	27 1/2	16 9/16	52	36 1/4	33 7/8	2 3/4	2822
1000	9 1/16	9 7/16	20 7/8	8 9/32	13 3/8	27 1/2	16 9/16	53 9/16	37	35 1/2	2 3/4	3219
1250	10 1/4	10 5/8	23 5/8	8 7/8	14 5/32	27 1/2	17 23/32	56 5/16	40 1/4	38 1/4	2 3/4	4387
1500	11	11 7/16	25 3/16	8 7/8	14 5/32	27 1/2	17 23/32	58 5/16	41 3/4	39 3/4	2 3/4	5291