



## Green Pin<sup>®</sup> Bow Shackle SC

Standard bow shackle with screw collar pin



### Highlights

- ✓ Screw pin for quick (dis)assembly
- ✓ Galvanization assures long-term durability
- ✓ Suitable for both one-leg and multi-leg systems
- ✓ Conforms to wide range of certifications (e.g. DNV)
- ✓ Superior stock availability of 99%

### Description

The Green Pin<sup>®</sup> Bow Shackle SC is a bow shackle with a screw collar pin. The screw pin enables quick (dis)assembly which makes the shackle perfect for rigging activities in which assembly and disassembly occur relatively frequently. The Green Pin<sup>®</sup> Bow Shackle SC can be used for both one-leg and multi-leg systems. Due to the galvanization of the shackle its long-term durability is assured. The shackle's design reduces the wear of (wire) rope as the screw thread is hidden in a chamber. Particularly important for use offshore, the Green Pin<sup>®</sup> Bow Shackle SC conforms to a wide range of certifications from class societies such as DNV GL. The shackle is available in a range with a working load limit from 0.33 up to 55 ton.

### Product details

<b>Productcode</b>	G-4161
<b>Material</b>	bow and pin high tensile steel, Grade 6, quenched and tempered
<b>Safety factor</b>	MBL equals 6 x WLL
<b>Finish</b>	hot dipped galvanized
<b>Certification</b>	<b>2.1 2.2 3.1 MTCa DNVGL-ST-0378 CE ABS PDA ABS MA</b>
<b>Standard</b>	EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 2, Grade A, from 2 t and upward these shackles comply with ASME B30.26



## Green Pin® Bow Shackle SC

### Technical specifications in millimeters

Article code	working load limit	A diameter bow	B diameter pin	C diameter eye	D width eye	E width inside	F length inside	G width bow	H length	I length bolt	J width	Net weight (kg)
<b>GPGHBB05</b>	0,33	5	6	12	5	9,5	22	16	36	29,5	26	0.02
GPGHBB06	0,5	7	8	16	7	12	29	20	48	38	34	0.05
GPGHBB08	0,75	9	10	20	9	13,5	32	22	56	46,5	40	0.10
GPGHBB10	1	10	11	23	10	17	37	26	64	54	46	0.14
GPGHBB11	1,5	11	13	25	11	19	43	29	73	59,5	51	0.19
GPGHBB13	2	13,5	16	34	13	22	51	32	90	73	59	0.36
GPGHBB16	3,25	16	19	40	16	27	64	43	110	89	75	0.63
GPGHBB19	4,75	19	22	46	19	31	76	51	129	103	89	1.01
GPGHBB22	6,5	22	25	52	22	36	83	58	144	119	102	1.50
GPGHBB25	8,5	25	28	59	25	43	95	68	164	137	118	2.21
GPGHBB28	9,5	28	32	67	28	47	108	75	186	153	131	3.16
GPGHBB32	12	32	35	73	32	51	115	83	201	170	147	4.31



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### Technical specifications in millimeters

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GPGHBB35	13,5	35	38	79	35	57	133	92	227	186	162	5.58
GPGHBB38	17	38	42	88	38	60	146	99	249	203	175	7.43
GPGHBB45	25	45	50	104	45	74	178	126	300	243	216	12.5
GPGHBB50	35	50	57	112	50	83	197	138	332	272	238	17.2
GPGHBB57	42,5	57	65	132	57	95	222	160	378	310	274	26.3
GPGHBB65	55	65	70	145	65	105	260	180	433	344	310	37.6

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## Green Pin® Bow Shackle SC

### Technical specifications in inches

Article code	A diameter bow (inch)	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	Net weight (LBS)
<b>GPGHBB05</b>	3/16	1/4	1/2	3/16	3/8	7/8	5/8	1 13/32	1 5/32	1 1/32	0.05
GPGHBB06	1/4	5/16	5/8	9/32	15/32	1 5/32	25/32	1 7/8	1 1/2	1 11/32	0.12
GPGHBB08	5/16	3/8	25/32	11/32	17/32	1 1/4	7/8	2 7/32	1 27/32	1 9/16	0.22
GPGHBB10	3/8	7/16	29/32	13/32	21/32	1 15/32	1 1/32	2 17/32	2 1/8	1 13/16	0.30
GPGHBB11	7/16	1/2	31/32	7/16	3/4	1 11/16	1 5/32	2 7/8	2 11/32	2	0.42
GPGHBB13	1/2	5/8	1 11/32	1/2	7/8	2	1 1/4	3 17/32	2 7/8	2 5/16	0.79
GPGHBB16	5/8	3/4	1 9/16	5/8	1 1/16	2 17/32	1 11/16	4 11/32	3 1/2	2 15/16	1.38
GPGHBB19	3/4	7/8	1 13/16	3/4	1 7/32	3	2	5 3/32	4 1/16	3 1/2	2.22
GPGHBB22	7/8	1	2 1/16	7/8	1 13/32	3 9/32	2 9/32	5 21/32	4 11/16	4 1/32	3.31
GPGHBB25	1	1 1/8	2 5/16	31/32	1 11/16	3 3/4	2 11/16	6 15/32	5 13/32	4 21/32	4.86
GPGHBB28	1 1/8	1 1/4	2 5/8	1 3/32	1 27/32	4 1/4	2 15/16	7 5/16	6 1/32	5 5/32	6.97
GPGHBB32	1 1/4	1 3/8	2 7/8	1 1/4	2	4 17/32	3 9/32	7 29/32	6 11/16	5 25/32	9.49



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### Technical specifications in inches

Article code	A diameter bow (inch)	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	Net weight (LBS)
GPGHBB35	1 3/8	1 1/2	3 1/8	1 3/8	2 1/4	5 1/4	3 5/8	8 15/16	7 5/16	6 3/8	12.3
GPGHBB38	1 1/2	1 5/8	3 15/32	1 1/2	2 3/8	5 3/4	3 29/32	9 13/16	8	6 7/8	16.4
GPGHBB45	1 3/4	2	4 3/32	1 25/32	2 29/32	7	4 31/32	11 13/16	9 9/16	8 1/2	27.7
GPGHBB50	2	2 1/4	4 13/32	1 31/32	3 9/32	7 3/4	5 7/16	13 1/16	10 23/32	9 3/8	37.8
GPGHBB57	2 1/4	2 9/16	5 3/16	2 1/4	3 3/4	8 3/4	6 5/16	14 7/8	12 7/32	10 25/32	58.0
GPGHBB65	2 1/2	2 3/4	5 23/32	2 9/16	4 1/8	10 1/4	7 3/32	17 1/16	13 17/32	12 7/32	82.9

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# Green Pin® Bow Shackle SC

## Technical drawing

