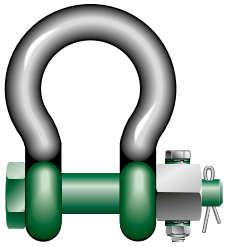
Green Pin Polar® Bow Shackle FN

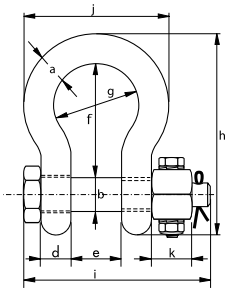
Grade 8 bow shackle with safety bolt and fixed nut for use under low temperatures

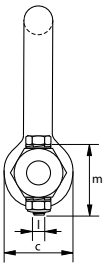
Scan for additional product details



G-5143

- **Material:** bow and pin alloy steel, grade 8, quenched and tempered
- **Safety Factor:** MBL equals 7 x WLL
  for shackles with WLL 55 t and 85 t the MBL equals 6 x WLL
- **Standard:** ISO 2415, EN 13889, ASME B30.26 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 3, grade A
- **Finish:** hot dipped galvanized
- **Temperature range:** -60 °C up to +200 °C
- **Certification:** 2.1 | 2.2 | 3.1 | MTC [a] | DNV 2.7-1 [a] | DNV 2.7-1 [b] | CE IIA
- **Article code:** scan QR code to see article codes





working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length	length bolt	width	thickness nut	securing bolt thread	securing bolt length	torque	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	l mm	m mm	Nm	kg
2	13.5	16	34	13	22	51	32	90	80	59	13	M6	35	8.4	0.42
3.25	16	19	40	16	27	64	43	110	98	75	17	M6	40	8.4	0.74
4.75	19	22	46	19	31	76	51	129	115	89	19	M6	45	8.4	1.18
6.5	22	25	52	22	36	83	58	144	130	102	22	M8	50	20	1.77
8.5	25	28	59	25	43	95	68	164	150	118	25	M8	55	20	2.58
9.5	28	32	67	28	47	108	75	186	166	131	27	M10	60	39	3.66
12	32	35	73	32	51	115	83	201	184	147	30	M10	65	39	4.91
13.5	35	38	79	35	57	133	92	227	197	162	33	M10	70	39	6.54
17	38	42	88	38	60	146	99	249	202	175	19	M8	75	20	8.19
25	45	50	104	45	74	178	126	300	243	216	23	M8	90	20	14.2
35	50	57	112	50	83	197	138	332	269	238	26	M10	100	39	19.9
42.5	57	65	132	57	95	222	160	378	301	274	29	M12	110	68	28.3
55	65	70	145	65	105	260	180	433	329	310	32	M12	120	68	39.6
85	75	83	167	75	127	330	190	530	381	340	39	M12	140	68	62

CAD | RFID | INFO

TYPE APPROVED PRODUCT DNV DNV.COM/AF