



Green Pin® Dee Shackle BN

Standard dee shackle with safety bolt



Highlights

- ✓ Double safety (cotter pin & safety bolt)
- ✓ Galvanization assures long-term durability
- ✓ Suitable for one-leg systems only
- ✓ Conforms to wide range of certifications (e.g. DNV)
- ✓ Superior stock availability of 99%

Description

The Green Pin® Dee Shackle BN is a dee shackle with a safety bolt. The shackle offers a double safety (split pin and safety bolt) which prevents accidental unscrewing of the pin. Its long-term durability is assured due to galvanization. Particularly important for use offshore, the shackle conforms to a wide range of certifications from class societies such as DNV GL. The Green Pin® Dee Shackle BN is suitable for one-leg lifting systems only and is available in a range with a working load limit from 2 up to 85 ton.

Product details

Productcode	G-4153
Material	bow and pin high tensile steel, Grade 6, quenched and tempered
Safety factor	MBL equals 6 x WLL
Finish	hot dipped galvanized
Certification	2.1 2.2 3.1 MTCa DNV 2.7-1a DNV 2.7-1b DNVGL-ST-0378 CE ABS PDA ABS MA
Standard	EN 13889, ASME B30.26 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVB Class 3, Grade A



Green Pin® Dee Shackle BN

Technical specifications in inches

Article code	Net weight	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 length (inch)	H length bolt (inch)	I thickness nut (inch)	Net weight (LBS)
GPGDMB13	0.85	1/2	5/8	1 11/32	1/2	7/8	1 11/16	3 7/32	3 5/32	1/2	0.85
GPGDMB16	1.48	5/8	3/4	1 9/16	5/8	1 1/16	2	3 13/16	3 27/32	21/32	1.48
GPGDMB19	2.39	3/4	7/8	1 13/16	3/4	1 7/32	2 5/16	4 13/32	4 17/32	3/4	2.39
GPGDMB22	3.66	7/8	1	2 1/16	7/8	1 13/32	2 7/8	5 9/32	5 1/8	7/8	3.66
GPGDMB25	5.42	1	1 1/8	2 5/16	31/32	1 11/16	3 11/32	6 1/16	5 29/32	31/32	5.42
GPGDMB28	7.51	1 1/8	1 1/4	2 5/8	1 3/32	1 27/32	3 17/32	6 5/8	6 17/32	1 1/16	7.51
GPGDMB32	9.95	1 1/4	1 3/8	2 7/8	1 1/4	2	3 11/16	7 3/32	7 1/4	1 3/16	9.95
GPGDMB35	13.5	1 3/8	1 1/2	3 1/8	1 3/8	2 1/4	4 17/32	8 7/32	7 3/4	1 5/16	13.5
GPGDMB38	16.8	1 1/2	1 5/8	3 15/32	1 1/2	2 3/8	5	9 1/16	7 15/16	3/4	16.8
GPGDMB45	28.4	1 3/4	2	4 3/32	1 25/32	2 29/32	5 7/8	10 21/32	9 9/16	29/32	28.4
GPGDMB50	38.3	2	2 1/4	4 13/32	1 31/32	3 9/32	6 23/32	12 1/16	10 19/32	1 1/32	38.3
GPGDMB57	57.2	2 1/4	2 9/16	5 3/16	2 1/4	3 3/4	7 15/32	13 5/8	11 27/32	1 5/32	57.2



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GPGDMB65	77.9	2 1/2	2 3/4	5 23/32	2 9/16	4 1/8	8	14 13/16	12 15/16	1 1/4	77.9
GPGDMB75	117	3	3 1/4	6 9/16	2 15/16	5	9 1/32	16 7/8	15	1 17/32	117

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Technical drawing

