



## The double safety Green Pin® Fishing Dee Shackle - NS 9415 standard approved

Green Pin® provides best-in-class quality, guaranteeing absolute security for your mooring system. The Green Pin® Fishing Dee Shackle FP DSP is an exemplary shackle in this product line. Its square, sunken hole screw pin combined with a safety plug makes it a double safety product that is easy to assemble and disassemble with the Green Pin® Sunken Hole Key. The shackle's hot dipped galvanization properties ensures long-term durability as required by the NS 9415 standard. Testifying to its superior record when it comes to mooring safety, the 40.000 cycle fatigue rating is twice that required by NS 9415 and unparalleled in the market. What is more, the safety factor leads the industry with an MBL of seven times the WLL. The Fishing Dee Shackle FP DSP is certified by DNV on compliancy with NYTEK regulation and NS 9415. It is suitable for one-leg mooring systems only, and is available in a range of working load limits from 2 tons up to 8.5 tons.

A VAN BEEST BRAND

## Product update

June 2021

### Green Pin® Fishing Dee Shackle FP DSP

<b>Product code:</b>	G-4139
<b>Material:</b>	Bow and pin high tensile steel, grade 6, quenched and tempered
<b>Safety Factor:</b>	MBL equals 7 x WLL
<b>Standard:</b>	NYTEK regulation and NS 9415, EN 13889, ASME B30.26 and meets performance requirements of US Fed. Spec. RR-C-271, grade A
<b>Finish:</b>	Hot dipped galvanized (bow and pin)
<b>Certification:</b>	<b>2.1</b> <b>2.2</b> <b>3.1</b> <b>MTC<sup>a</sup></b> <b>CE</b> <b>DNV NS 9415</b>
<b>Note:</b>	Safety plug included. spare safety plugs and the key for unscrewing the pin must be ordered separately.

working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	length	length bolt	size square hole	diameter plug hole	depth plug hole	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	kg
<b>2</b>	13.5	16	34	13	22	43	81	51	11	8	8	0.34
<b>3.25</b>	16	19	40	16	27	51	97	63	11	8	8	0.6
<b>4.75</b>	19	22	46	19	31	59	112	74	11	8	8	0.98
<b>6.5</b>	22	25	52	22	36	73	134	85	13	8	8	1.26
<b>8.5</b>	25	28	59	25	43	85	154	99	13	8	8	2.14

working load limit	diameter bow	diameter pin	diameter eye	width eye	width inside	length inside	length	length bolt	size square hole	diameter plug hole	depth plug hole	weight each
t	a inch	b inch	c inch	d inch	e inch	f inch	g inch	h inch	i inch	j inch	k inch	lbs
<b>2</b>	1/2	5/8	1 11/32	1/2	7/8	1 11/16	3 3/16	2	7/16	5/16	5/16	0.75
<b>3.25</b>	5/8	3/4	1 9/16	5/8	1 1/16	2	3 13/16	2 15/32	7/16	5/16	5/16	1.33
<b>4.75</b>	3/4	7/8	1 13/16	3/4	1 7/32	2 5/16	4 13/32	2 29/32	7/16	5/16	5/16	2.15
<b>6.5</b>	7/8	1	2 1/16	7/8	1 13/32	2 7/8	5 9/32	3 11/32	1/2	5/16	5/16	2.77
<b>8.5</b>	1	1 1/8	2 5/16	31/32	1 11/16	3 11/32	6 1/16	3 29/32	1/2	5/16	5/16	4.72

