



## NEW: SHACKLE WHICH PREVENTS DROPPING OF COMPONENTS

For a long time, the lifting industry has been looking for a solution to prevent the dropping of equipment and components from heights. Dropped objects are a well-known safety hazard in the industry and have led to numerous accidents. Green Pin® now offers a unique solution to this problem: The Green Pin® Catch shackle BN prevents the accidental dropping of shackle bolts, nuts, cotter pins and even complete shackles, thereby preventing injuries or deaths. These innovative shackles have an attachment point on each individual component to connect them to a safety lanyard. The Green Pin® Catch Shackle BN has been developed in cooperation with DROPS, the non-profit organization that is focused exclusively on dropped objects prevention scheme.

The Green Pin® Catch Shackle BN is suitable for both one-leg and multi-leg systems and is available in a range with a working load limit from 2 up to 9.5t.

For more information, please contact [info@greenpin.com](mailto:info@greenpin.com)

[greenpin.com](http://greenpin.com)

A VAN BEEST BRAND

## Product update

April 2022

### Green Pin® Catch Shackle BN

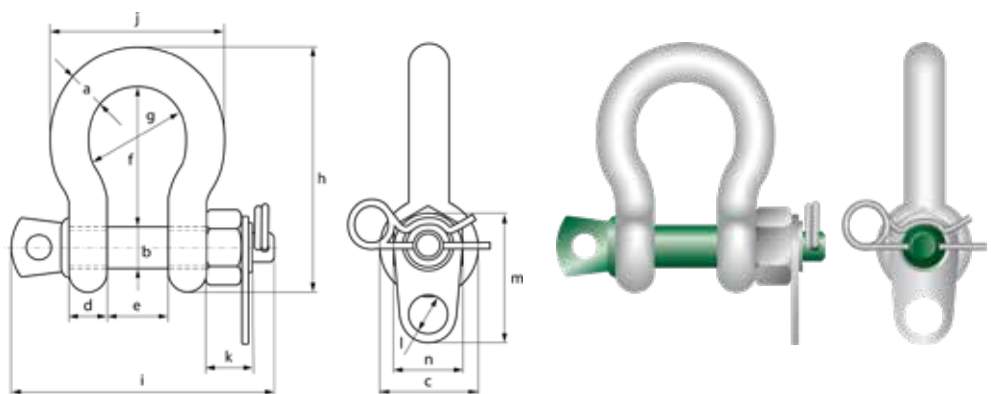
**Product code:** G-4163H  
**Material:** high tensile steel, Grade 6, quenched and tempered  
**Safety factor:** MBL equals 6 x WLL  
**Standard:** EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271, Type IVA, Class 3, Grade A and comply with ASME B30.26  
**Finish:** hot dipped galvanized  
**Temperature range:** -40°C up to +200°C (-40°F up to +392°F)

**Certification:**

- 2.1
- 2.2
- 3.1
- MTC<sup>a</sup>
- CE
- DNV 2.7-1<sup>a</sup>
- DNV 2.7-1<sup>b</sup>

WLL	dia-meter bow	dia-meter pin	dia-meter eye	width eye	width inside	length inside	width bow	length	length bolt	width	thickness nut	dia-meter hole	length	width	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	n mm	kg
2	13.5	16	34	13	22	51	32	89	102	58	19	15	48.4	27	0.47
3.25	16	19	40	16	27	64	43	110	122	75	23	15	53.7	31.8	0.81
4.75	19	22	46	19	31	76	51	129	143	89	26	15	60.1	36.5	1.32
6.5	22	25	52	22	36	83	58	144	160.5	102	29	15	65.5	41.3	1.92
8.5	25	28	59	25	43	95	68	164	183	118	32	15	70.5	46	2.77
9.5	28	32	66	28	47	108	75	185	201	131	34	15	74	50.8	3.91

WLL	dia-meter bow	dia-meter pin	dia-meter eye	width eye	width inside	length inside	width bow	length	length bolt	width	thickness nut	dia-meter hole	length	width	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	l inch	m inch	n inch	lbs
2	1/2	5/8	1 11/32	1/2	7/8	2	1 1/4	3 1/2	4 1/32	2 9/32	3/4	1 9/32	1 7/8	1 1/16	1.04
3.25	5/8	3/4	1 9/16	5/8	1 1/16	2 17/32	1 11/16	4 11/32	4 13/16	2 15/16	29/32	1 9/32	2 3/32	1 7/32	1.79
4.75	3/4	7/8	1 13/16	3/4	1 7/32	3	2	5 3/32	5 5/8	3 1/2	1 1/32	1 9/32	2 3/8	1 13/32	2.91
6.5	7/8	1	2 1/16	7/8	1 13/32	3 9/32	2 9/32	5 21/32	6 5/16	4 1/32	1 5/32	1 9/32	2 9/16	1 5/8	4.23
8.5	1	1 1/8	2 5/16	31/32	1 11/16	3 3/4	2 11/16	6 15/32	7 7/32	4 21/32	1 1/4	1 9/32	2 3/4	1 13/16	6.09
9.5	1 1/8	1 1/4	2 19/32	1 3/32	1 27/32	4 1/4	2 15/16	7 9/32	7 29/32	5 5/32	1 11/32	1 9/32	2 29/32	1 31/32	8.62



## SHACKLES AT 300 FEET? HERE IS OUR CATCH.

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- Prevents accidental dropping of shackle components
- All components can be tethered
- Reduces number of injuries and deaths
- For all types of tethering methods
- Co-developed with DROPS\*-organization

\* Dropped Object Prevention Scheme



[greenpin.com](http://greenpin.com)

### **VAN BEEST B.V.**

Head Office  
Industrieweg 6  
3361 HJ Sliedrecht  
The Netherlands  
Telephone +31 184 41 33 00  
E-mail [sales@vanbeest.eu](mailto:sales@vanbeest.eu)

### **VAN BEEST GmbH**

Märkische Straße 115/117  
44141 Dortmund  
Germany  
Telephone +49 231 58 44 230  
E-mail [sales@vanbeest.eu](mailto:sales@vanbeest.eu)

### **VAN BEEST FRANCE S.A.S.**

1 impasse du Patureau de Jalonne  
63250 Celles sur Durolle  
France  
Telephone +33 (0)4 73 51 89 51  
E-mail [sales@vanbeest.eu](mailto:sales@vanbeest.eu)

### **VAN BEEST USA, L.L.C.**

US main office  
5615 W. Fuqua, Building B  
Houston, TX 77085  
United States

Chicago office  
158 South Pinnacle Drive  
Romeoville, IL 60446  
United States

Telephone +1 713 674 57 53  
E-mail [sales.us@vanbeest.com](mailto:sales.us@vanbeest.com)

### **VAN BEEST DO BRASIL**

Rua Alexandre Dumas, 1711, 5<sup>th</sup> Floor  
Chácara Santo Antônio,  
04717-004 Sao Paulo-SP Brazil  
Telephone +55 (11) 2599 8364  
E-mail [vendas@vanbeest.com.br](mailto:vendas@vanbeest.com.br)

An aerial view of an offshore oil rig with a helipad marked with a white 'H' on a green background. In the foreground, a hand wearing a tan work glove holds a Green Pin shackle, which consists of a metal shackle, a green pin, and a black braided rope. The background is a deep blue sea.

# SHACKLES AT 300 FEET? HERE IS OUR CATCH.

When working at height, it needs to be done safely. Not only for the employees doing their jobs at height, but also for people and resources located directly below the workstations. After all, making mistakes is only human, and deaths and injuries due to falling objects occur frequently. Green Pin®'s main mission is to improve safety in lifting operations; dropping Green Pin® shackle parts is not an option for us!

So, as pioneers in the field of safety, we are now the first to introduce a plug-and-play solution to avoid dropping shackle parts: the Green Pin® Catch shackle. Make safety the centrepiece of your rigging. Catch if you care.

Read more at [greenpin.com/catch](https://greenpin.com/catch)



**GREEN PIN®**  
CENTREPIECE OF RIGGING.