

QUARTERLY VIRTUAL DROPS FORUM

DROPS NORTH AMERICA



DROPS

DROPPED OBJECTS
PREVENTION SCHEME

AGENDA

- Introduction
 - Jerry D. Eubank, PhD – Regional Chairperson
 - Ross Jambon - Regional Secretary
- Brief Anti-trust Guidelines
- Safety Moment
- Technology – Salunda
- Discussion – Line of Fire
- Technology – GreenPin
- DROPS Training
- DROPS Membership
- Close



ANTI-TRUST GUIDELINES

- No promotional remarks or discussion of purchase, sale, or pricing for goods and services.
- No sharing or discussion of confidential or proprietary information.
- No discussion of mergers, acquisitions, and divestment plans.
- No sharing or discussion of compliance costs.
- No discussion about how companies intend to respond to potential or actual government action.
- No disparaging remarks.

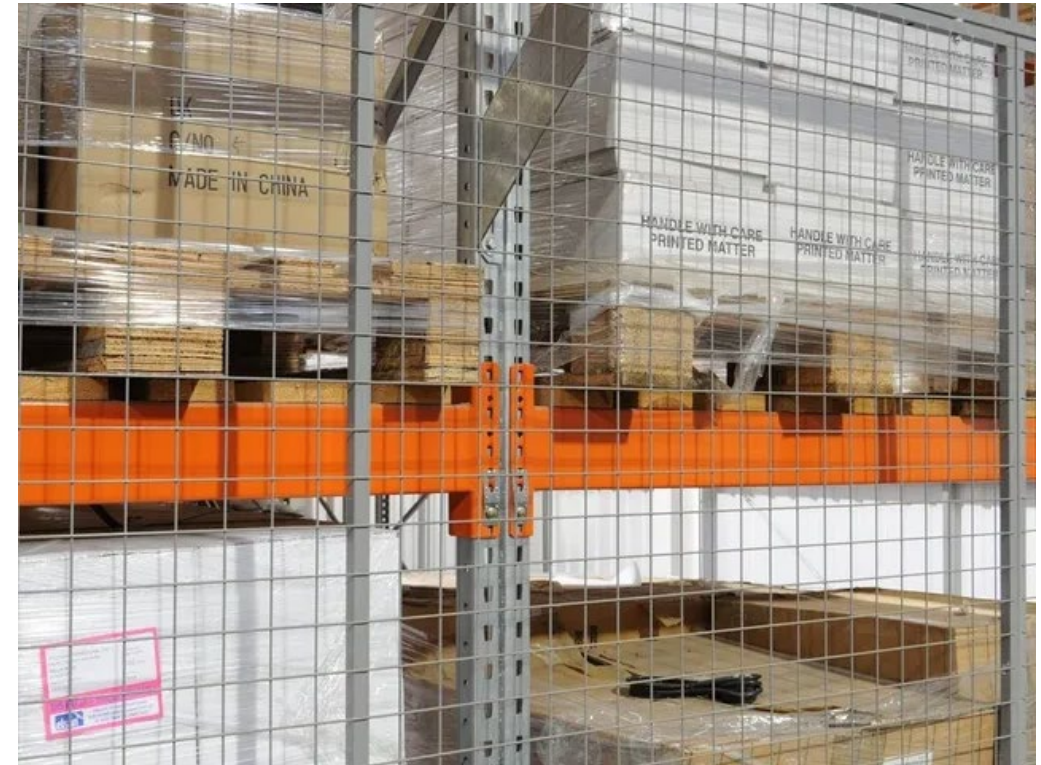


SAFETY MOMENT

- All industries must store equipment and supplies.
- Backing panels provide additional safety and secure stored items from accidental falling or shifting.

A number of fatalities occur due to dropped objects.

- <https://www.osha.gov/fatalities>



HAWK NETWORK

JOHN LARGE – SALUNDA

PowerPoint embedded →



Adobe Acrobat
Document



DROPS

DROPPED OBJECTS
PREVENTION SCHEME

SALUNDA CONTACT INFORMATION

John Large

Director of Sales & Marketing

jlarge@salunda.com

m: (+44) 7739 323 216

p: (+44) 1869 843 133



LINE OF FIRE EVENTS

MATTHEW WOHL – HESS



DROPS

DROPPED OBJECTS
PREVENTION SCHEME



EVENT HIGHLIGHTS

There have been several line-of-fire events in the last three weeks, many involving dropped objects.

Workers must recognize and understand the hazards and risks they face when performing the work.

Case summaries are detailed on the next slide, noting that in all cases the potential consequence is a fatality.

Supervisors should take time to review the initial learnings with their work crews.



EVENTS

Pictures	Case overview	Weight	Drop Height
A	Winch line snags wind wall, resulting wind-wall dropping to ground	206 lbs.	12ft drop
B	Valve tool drops to cellar deck	10 lbs.	26ft drop
C	Workover rig worker grazed by travelling block	4,000 lbs.	12ft drop
D	Rod shut-in tool parts, causing tension release of travelling block toward workers	4,000 lbs.	7ft drop
E	TIW valve drops to rig floor	86 lbs.	20ft drop
Potential Consequence:		Fatality	





INITIAL LEARNINGS

- Tools and equipment are accounted for, properly stored and/or secured, & where applicable, tethered
- Exclusion zones are established, clearly demarked, and communicated to prevent unauthorized access
- Communication of work steps & processes are clear and understood by the workers involved in the activity
- Fully evaluate the work for risks & hazards; implement proper prevention and mitigation controls
- Workers understand risks related to the task & are mindful that unexpected risks may emerge during the task
- Workers are aware of body positioning when performing a task and account for line-of-fire scenarios
- Snag points, obstructions, and load swings are accounted for during all lifting and hoisting operations
- Stop work when required; do not re-start until the work is fully risk-assessed & can be performed safely



HESS CONTACT INFORMATION

Matt Woehl

EHS Specialist

mwoehl@hess.com

701-240-3868 – Cell



GREENPIN

ANTON VAN DER ZALM – VAN BEEST



DROPS

DROPPED OBJECTS
PREVENTION SCHEME





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



Green Pin® Catch Shackle

Green Pin[®] Catch Shackle



PRODUCT
HIGHLIGHT

Company Confidential © Van Beest

USER INSTRUCTIONS



DROPS NORTH AMERICA



BACKGROUND

Why developing a Green Pin® Catch Shackle?

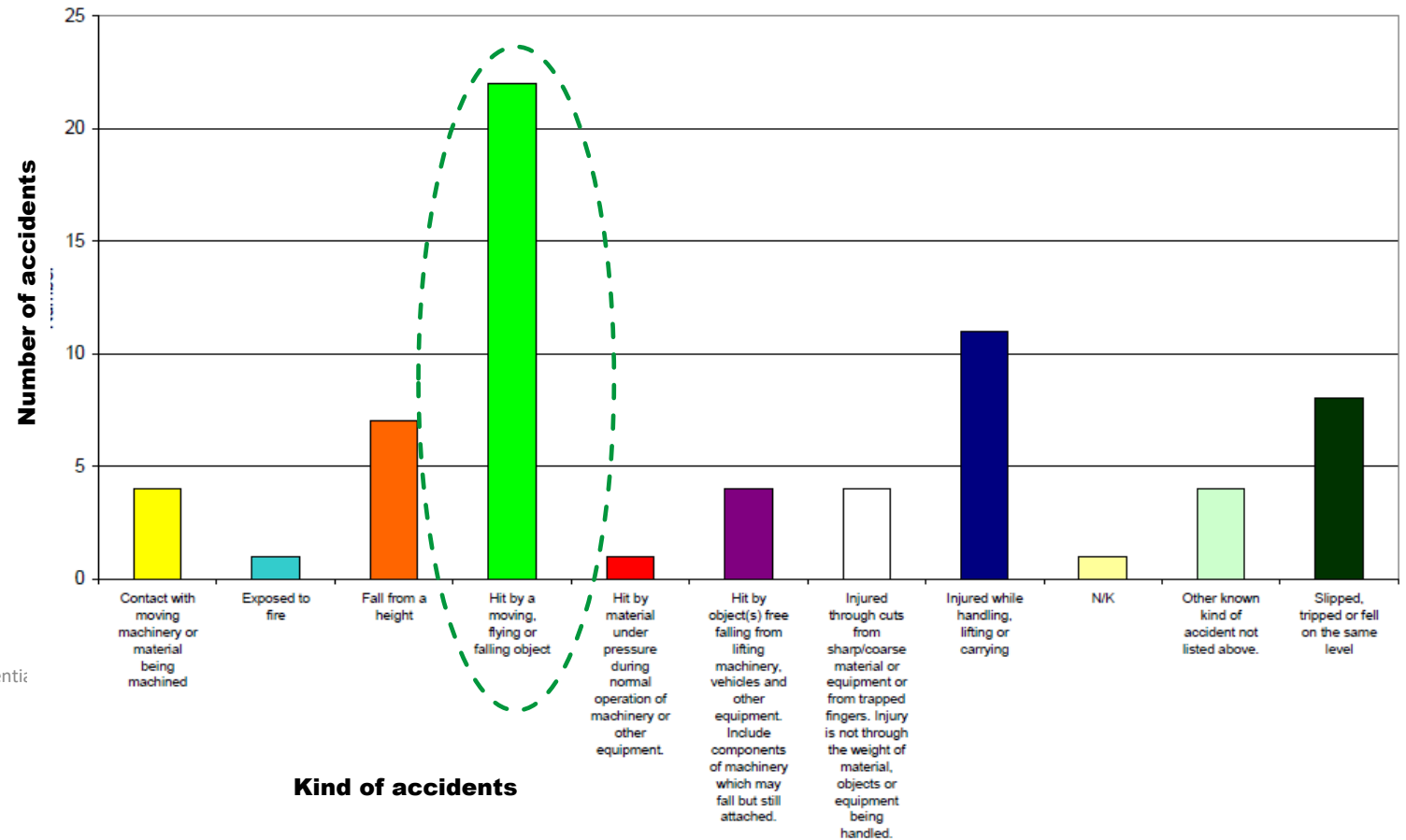
- ❑ Falling objects are a major problem on job sites.
- ❑ Recent research has shown that the most common kind of accidents are (in order of importance):
 - ❑ Hit by moving, flying or falling object (mostly impact from dropped object);
 - ❑ Injured while handling, lifting or carrying;
 - ❑ Falls from height;
 - ❑ Slips trips and falls on the same level.

Company Confidential © Van Beest



Why developing a Green Pin® Catch Shackle?

22% of the incidents in this research are being caused by moving, flying or falling object.



Company Confidential

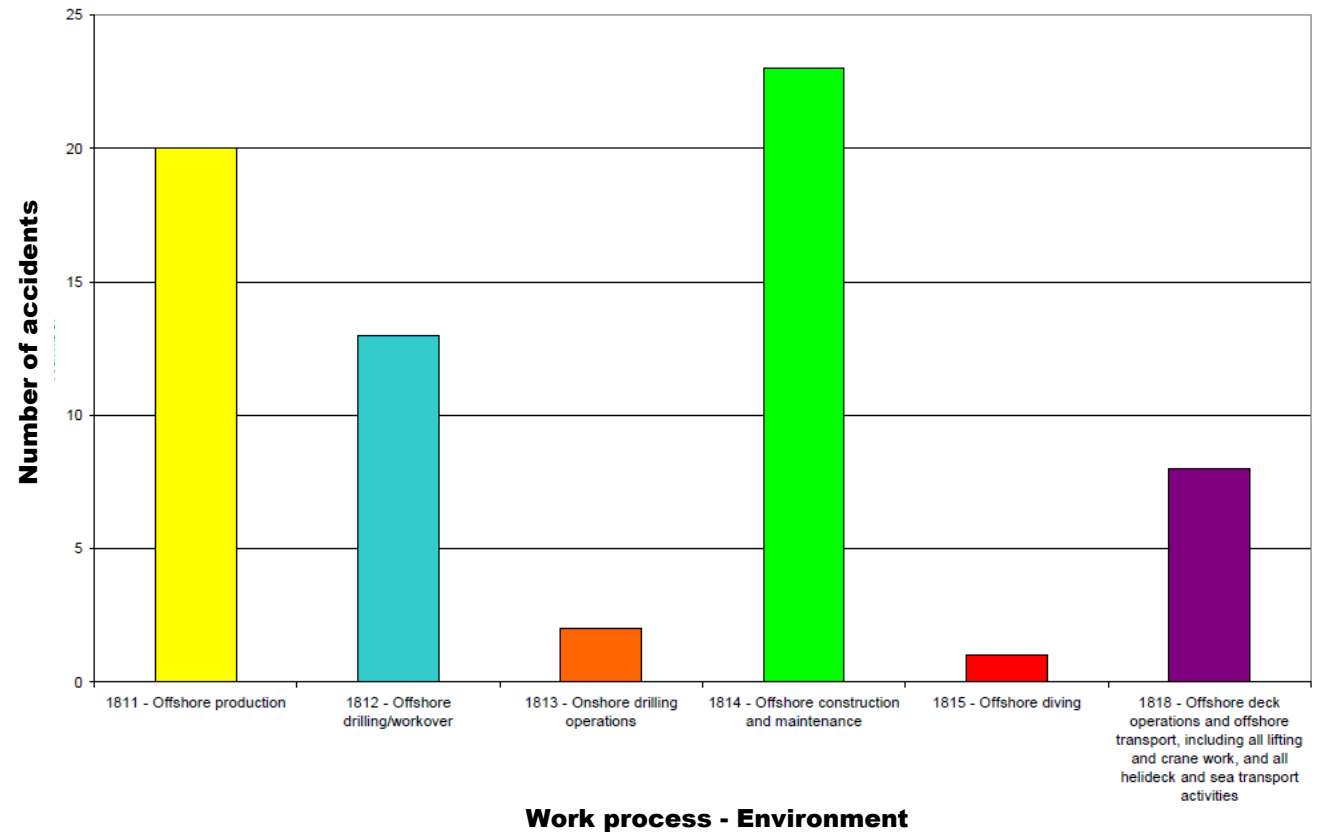
*From Health and Safety Laboratory (Underlying Causes of Offshore Incidents)



Why developing a Green Pin® Catch Shackle?

Damage by falling objects occurs frequently in offshore production environments and on construction sites.

Company Confidential © Van Beest



*From Health and Safety Laboratory (Underlying Causes of Offshore Incidents)



Why developing a Green Pin® Catch Shackle?

The goal is to prevent:

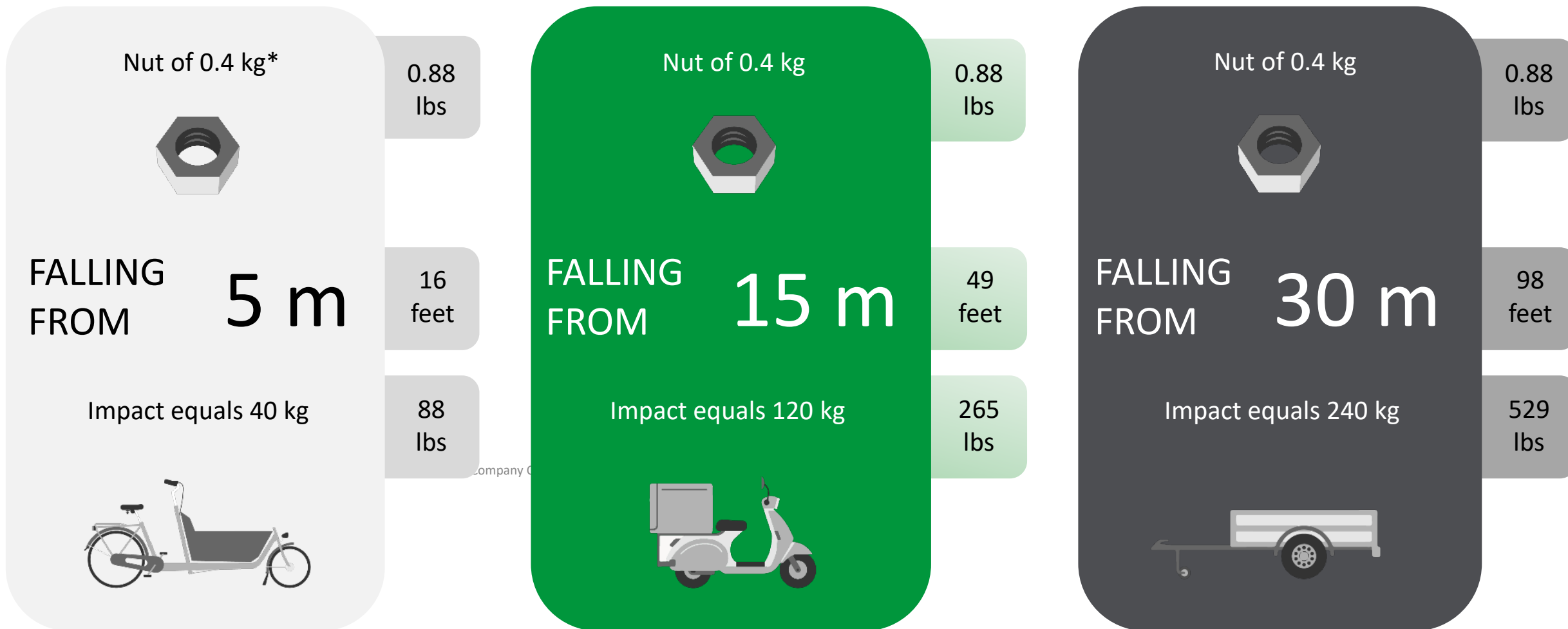
- ❑ Dropping of shackle components from height.
- ❑ Injuries or deaths to people.

Company Confidential © Van Beest



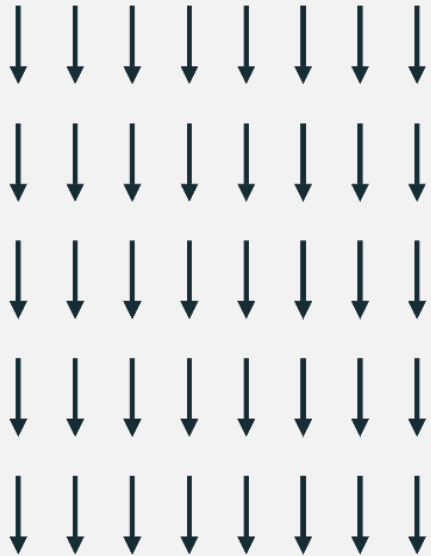
DROPS NORTH AMERICA

Impact of falling objects

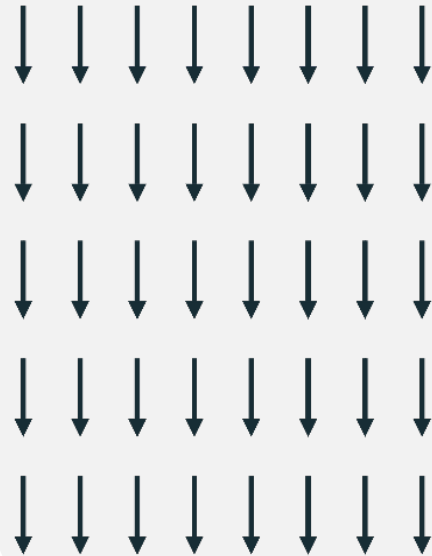


Shackle components

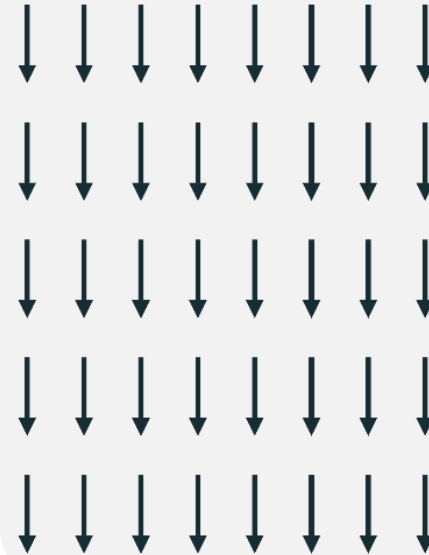
Nut



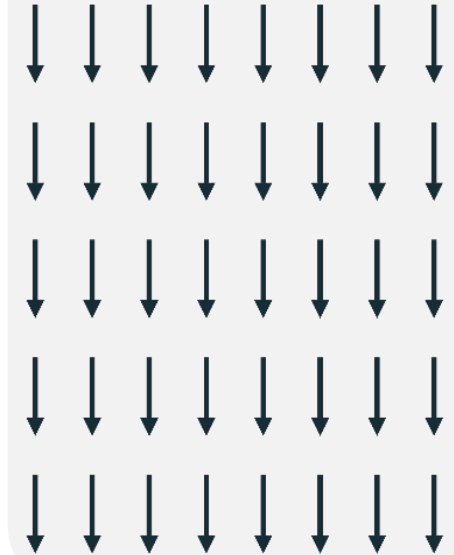
Pin



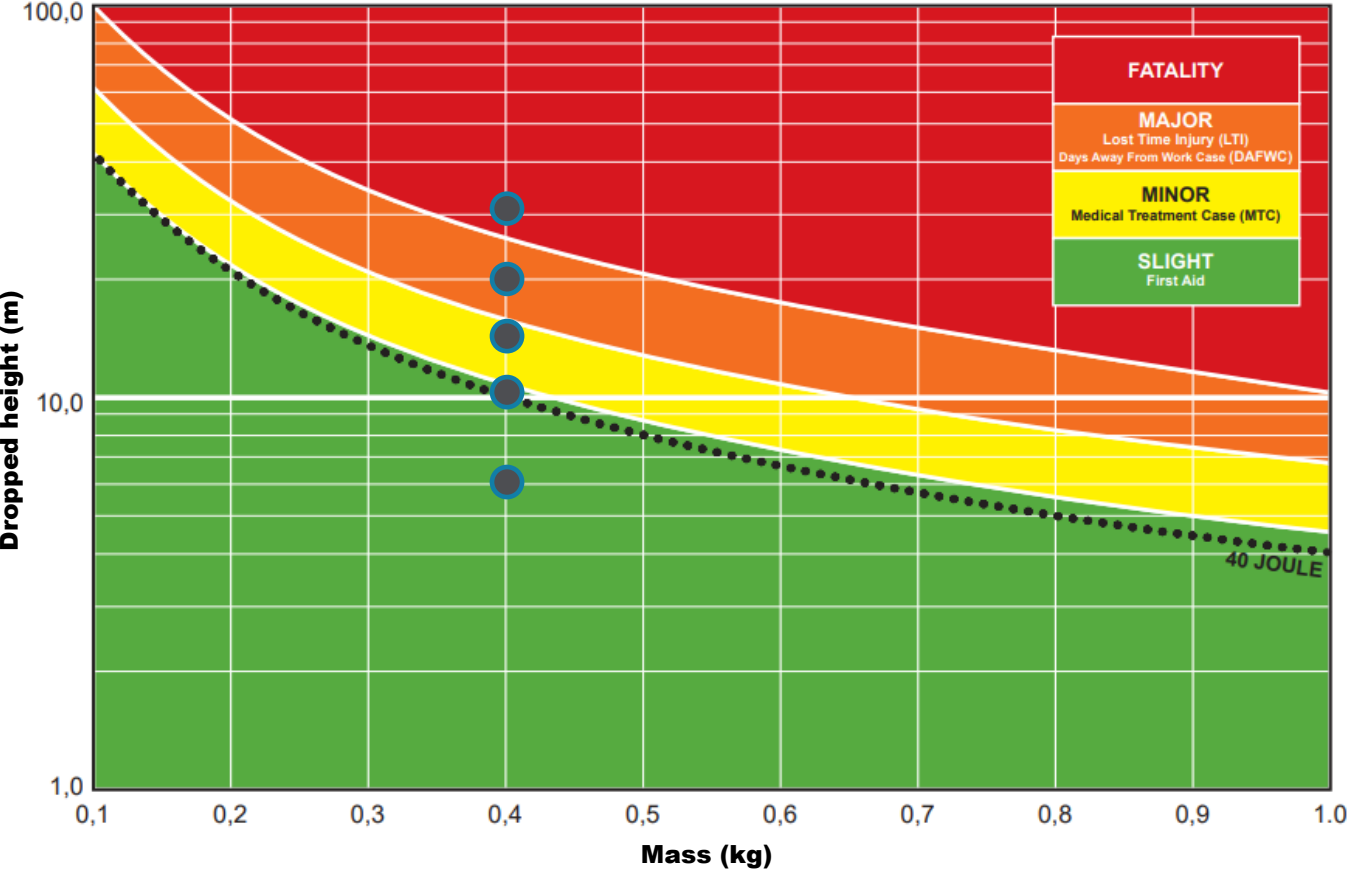
Spring pin



Shackle body



Impact of falling objects



Green Pin® Catch Shackle BN – 9.5t			
m	ft	weight nut	type of incident
5	16	0.4 kg 0.88 lbs	Slight
10	32		Slight
15	49		Minor
20	65		Major
30	98		Fatal



PRODUCT HIGHLIGHT

Product highlight: Green Pin® Catch Shackle



- ❑ Prevents accidental dropping of shackle components
- ❑ WLL Range: 2-9.5t
- ❑ MBL equals 6 x WLL
- ❑ Temperature Range: -40°C up to 200°C (-40°F up to +392°F)
- ❑ Certifications:
- ❑ Co-developed with DROPS-organization*

Company Confidential © Van Beest



*Dropped objects prevention scheme



DROPS NORTH AMERICA

Product highlight: Green Pin® Catch Shackle

The shackle will be supplied without wires



Wiring can be done by Green Pin® distributor, sling shop or end-user



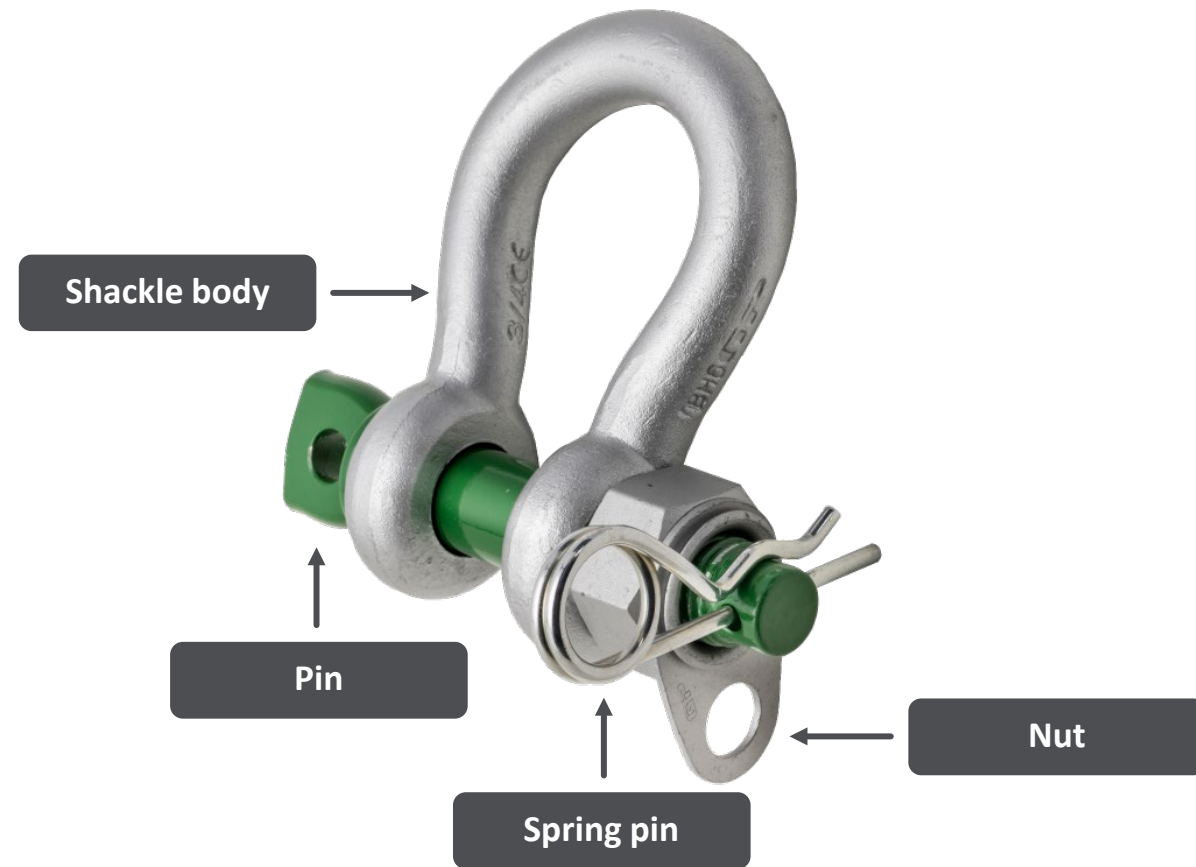
Product highlight: Green Pin® Catch Shackle

Technical product feature

All components can be tethered

Customer benefit

Reduces risk of dropping objects significantly and reduces the number of incidents (slight, minor, major, fatalities)



Product highlight: Green Pin® Catch Shackle

Technical product feature

For all types of tethering methods

Customer benefit

Choose according to user's preference



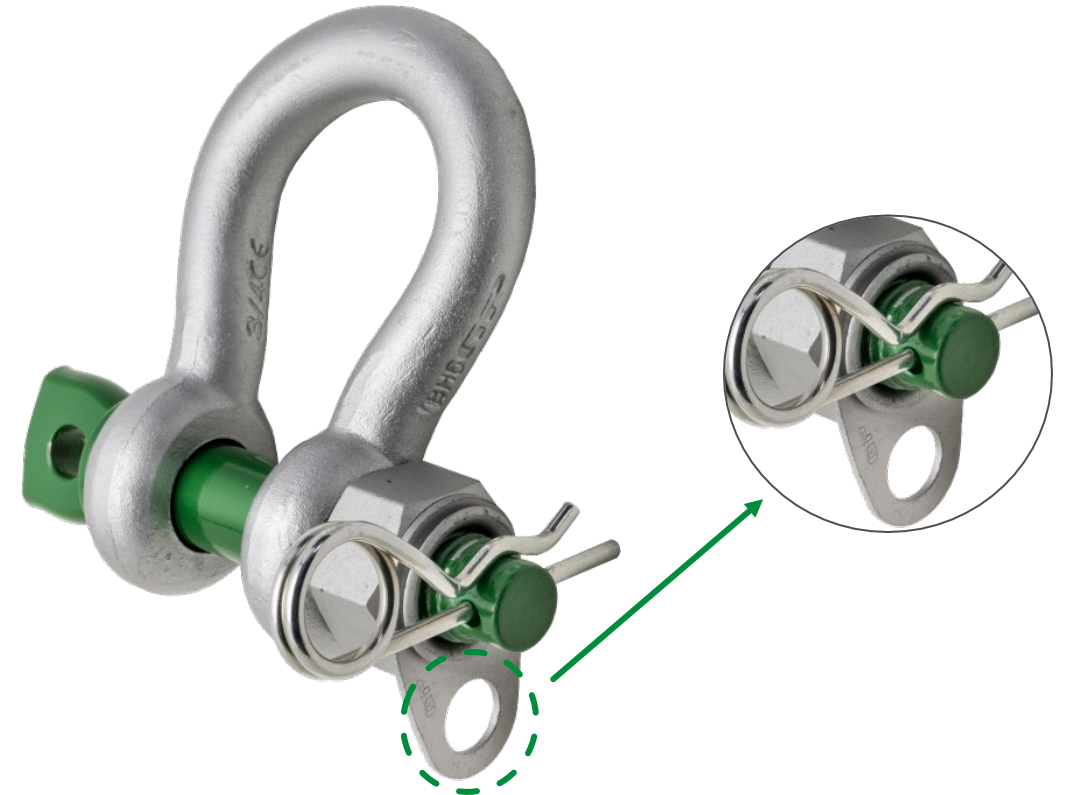
Product highlight: Green Pin® Catch Shackle

Technical product feature

Nut can rotate independently from the washer

Customer benefit

Keep washer in the same position during disassembly of the nut





USER INSTRUCTIONS

User instructions: how to tether each component?

Shackle body:

Loop a safety lanyard around the shackle body, or use a safety securing wire and crimp it with an aluminum sleeve at the required length

Company Confidential © Van Beest



User instructions: how to tether each component?

Pin:

The pin can be tethered by a safety lanyard by using the hole.

Company Confidential © Van Beest



User instructions: how to tether each component?

Nut:

The washer on the nut has a hole to attach a safety lanyard. The washer can rotate freely so that the safety securing wire does not wind around the pin.

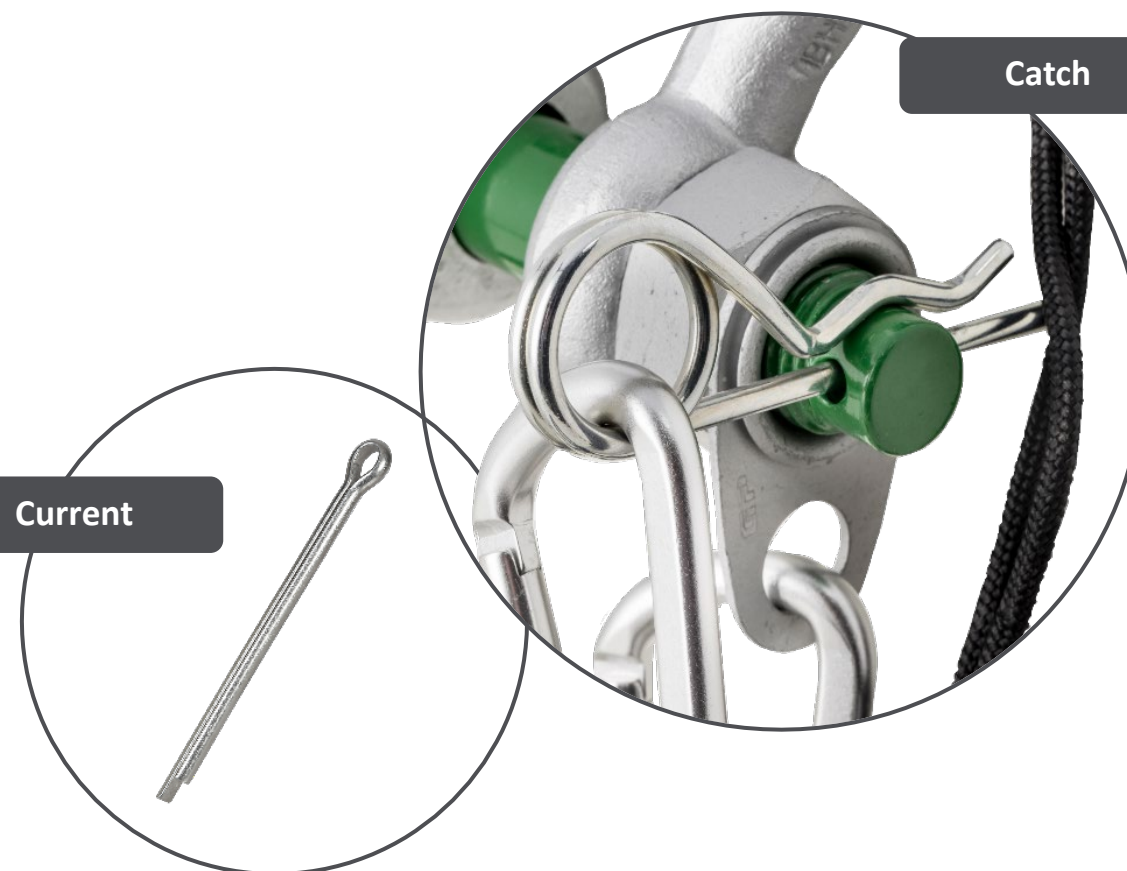
Company Confidential © Van Beest



User instructions: how to tether each component?

Split pin:

The split pin is replaced by a spring pin that is connected to a safety lanyard.



Company Confidential © Van Beest



Instruction video



Link to video:

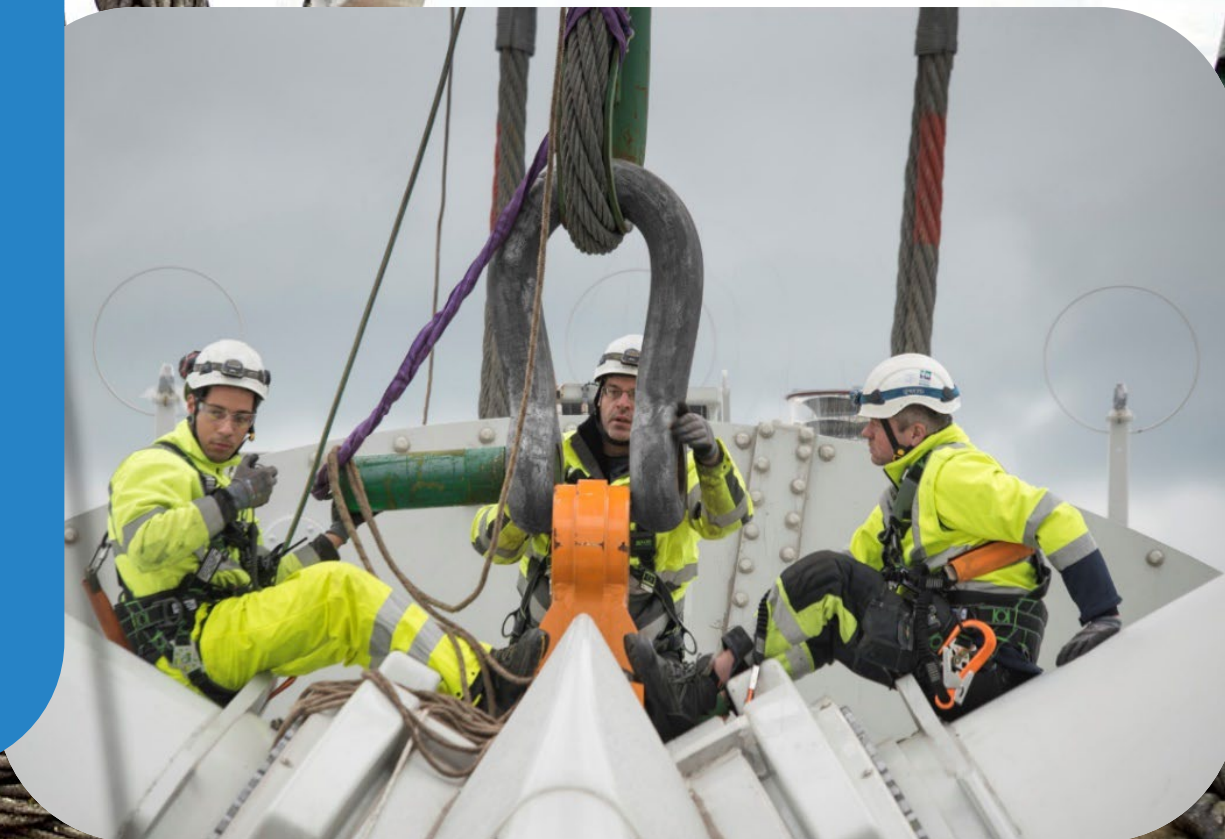
https://youtu.be/n1ePzP_mBb8

Company Confidential © Van Beest

■ Stay in Touch with Green Pin®



- CAD-drawings and all technical resources: greenpin.com
- Receive Green Pin® email updates (max. 1 per month): Give us your e-mail address
- Any questions or requests (e.g. more hard copy catalogues): info@greenpin.com
- Connect with us



VAN BEEST CONTACT INFORMATION

Anton van der Zalm

Vice President Corporate Research & Development

Telephone +31 184 43 36 21

Fax +31 184 41 49 59

a.zalm@vanbeest.nl

VIRTUAL DROPS TRAIN THE TRAINER

Houston - TUE, FEB. 21, 2023 8:30 AM - 1:30 PM

UK - WED, FEB. 22, 2023 8:30 AM - 1:30 PM

Dubai - THU, FEB. 23, 2023 1:00 PM - 5:00 PM

Houston - TUE, APR. 4, 2023 8:30 AM - 1:30 PM

UK - WED, APR. 5, 2023 8:30 AM - 1:30 PM

Dubai - THU, APR. 6, 2023 1:00 PM - 5:00 PM

<https://www.dropsonline.org/drops-global-training>



DROPS MEMBERSHIP

- Initial £995.00 GBP (\$1,225.72)
- Annual recurring £495.00 GBP (\$609.78)
- <https://www.dropsonline.org/members/>



KEY DROPS CONTACTS

- DROPS Online
 - Allen Smith - DROPS Training and Admin
 - Allen@silverdot-ag.com Office: +44 (0) 1224 289900 Mobile: +44 (0) 7725 580914
- North America DROPS Network
 - Dr. Jerry D. Eubank, PhD – Regional Chairperson
 - Jerry_Eubank@oxy.com Office: (713) 985-6344 Mobile: (832) 291-4800
 - Ross Jambon - Regional Secretary
 - Ross.Jambon@bakerhughes.com Office: (985) 396-2377 Mobile: (985) 860-0563



CLOSING COMMENT/NOTES

Request to see more presentations about technologies and updates to overhead products with a focus on technology.

