

POWER TO THE WIRE

Green Pin Power Sling® Shackle





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Lift the same load
with a lighter wire.

Working on heavy lift projects in challenging times requires revolutionary power. The new Green Pin Power Sling® Shackle gives you this power. It has a unique design that enables you to lift the same load with a lighter wire. Lighter wire means lower costs, giving you more competitive power. That's our kind of power.

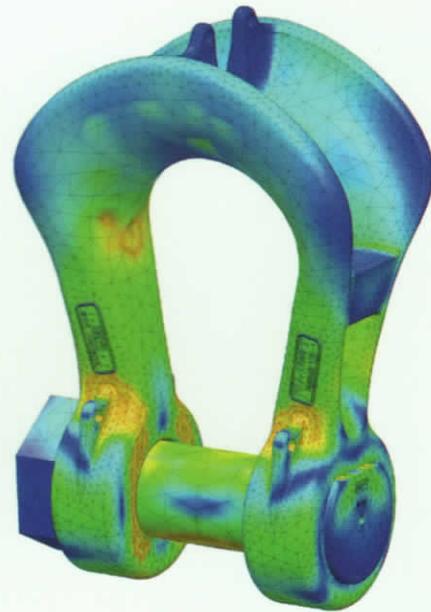
Power to the wire.



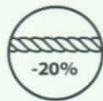
Lower your costs

The Green Pin Power Sling® Shackle lets you save up to 20% on synthetic- and wire rope costs thanks to its revolutionary design. It has an optimal D/d ratio and the widest crown (+10%) in the industry.

The Green Pin Power Sling® shackle distributes stress better than any other shackle in its class; the result of reinforcement of the areas that endure the highest stress. Together with the improved D/d ratio this boosts the bending efficiency of the wire to 85%. This way, the Green Pin Power Sling® allows you to use a lighter wire to lift the same load, lowering cost significantly.



10% wider shackle crown



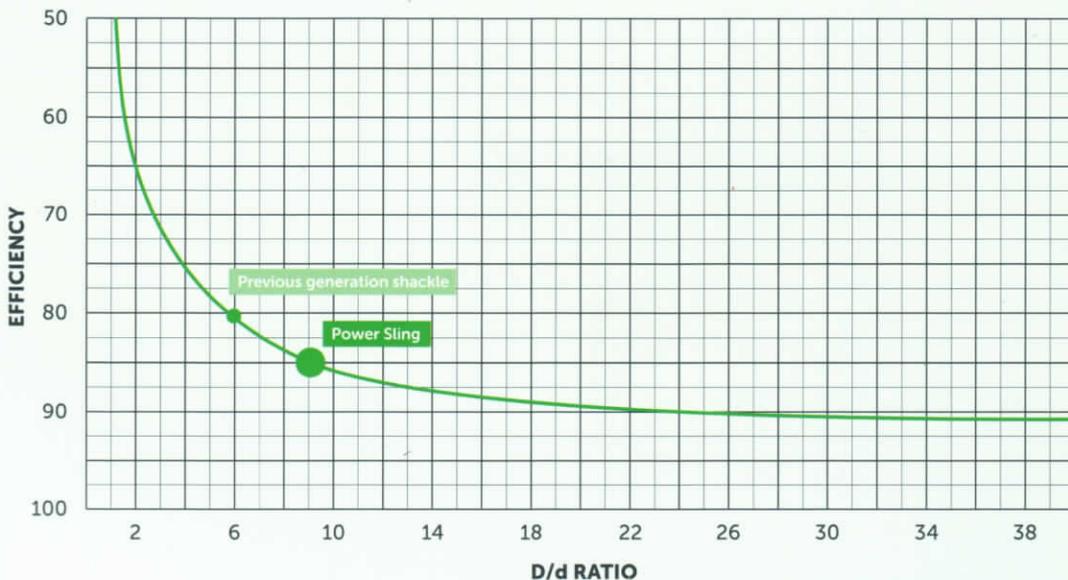
save 20% on wire rope



range from 125t - 1250t

Bending efficiency steel wire/synthetic sling

Reduction in strength of wire/synthetic rope when bent over sheaves or pins of various sizes.





A surge in safety

The Green Pin Power Sling® Shackle offers a surge in safety thanks to increased safety margins. Each shackle has been individually proofload tested to twice the Working Load Limit; more than any other competing product. Material characteristics have been thoroughly examined, both internally and in the shackle's surface, by MPI-tests, ultrasonic inspection and X-ray tests.

The Power Sling®'s long-term performance has been scrutinized with tensile- and fatigue testing, subjecting it to more than 40.000 cycles. There are virtually no limits to the testing regime the Power Sling® has been put through. Even

the ductility of the steel has been checked at temperatures as low as minus 40 °Celsius degree (-40 °F). The Power Sling® is compliant with major certifications. Of course, it is reliably made in Europe and accompanied by a EUR1-certificate.







Easy does it

With the Green Pin Power Sling® Shackle, heavy lifting has never been easier. It offers riggers great handling thanks to the lower body weight and multiple handling points.

Handling points attached to body and pin let you assemble sling and load with much less effort. The consistent mouthwidth between batches of Power Sling® shackles guarantees that dimensions in the technical documentation are truly accurate. Tracking and identification of the shackle are easy

thanks to markings on both sides of the shackle body (not on the bearing surface) and an RFID-chip in the pin and shackle. To top it all off; the optional bayonet nut (pictured) further improves the ease of assembly and prevents objects from getting caught in the nut.

Experience the potency of the Green Pin Power Sling® Shackle

- Save up to 20% on wire & synthetic rope costs
- Lift the same load with lighter wire
- A truly unique design (patent pending)
- Range of WLL 125t - 1250t
- Increased safety: tried and tested to the limit
- Lift heavy loads with less effort and more efficiency



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VAN BEEST B.V.

Head Office
P.O. Box 57
3360 AB Sliedrecht
The Netherlands
Telephone +31 184 41 33 00
E-mail sales@vanbeest.nl

VAN BEEST GmbH & Co. KG

Industriestraße 9
D-59457 Werl
Germany
Telephone +49 2922 97 430
E-mail sales@vanbeest.de

VAN BEEST FRANCE S.A.S.

Route de Chanier
63250 Celles sur Durole
France
Telephone +33 (0)4 73 51 89 51
E-mail sales@vanbeest.fr

VAN BEEST USA, L.L.C.

US main office
1357 Sheffield Blvd.
Houston, Texas 77015
USA

Chicago office
158 South Pinnacle Drive,
Romeoville, IL 60446
USA

Telephone +1 713 674 57 53
E-mail sales.us@vanbeest.com

GREEN TO GO





NEW



Lift the same load with a lighter wire

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For more information please contact us: sales@vanbeest.com

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Product update

May 2017 - 0224

Green Pin Power Sling Shackles®

Material:

Safety Factor:

Finish:

Temperature Range:

Certification:

Body and pin alloy steel, Grade 8, quenched and tempered
MBL equals 5 x WLL

Shackle body painted silver, pin painted green

-40 °C up to +200 °C

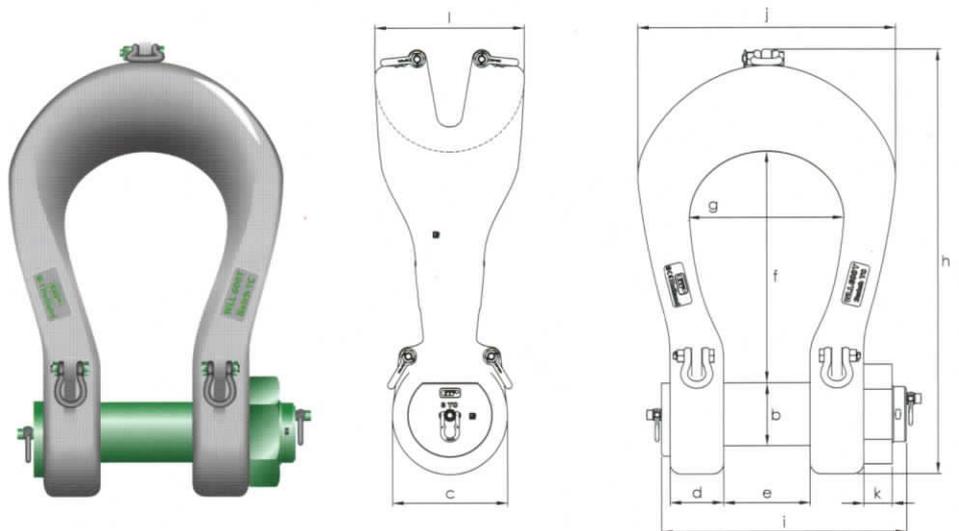
At no extra charges this product can be supplied with a:

- 2.1 and 2.2 works certificate
- 3.1 material certificate
- manufacturer test certificate
- EC declaration of Conformity
- All shackles are supplied with a Lloyd's Register of Shipping Certificate on proof load.

Supplied on request:

- MPI and/or US inspection certificate

working load limit	diameter pin	diameter eye	width eye	width inside	length inside	width bow	length	length bolt	width	thickness nut	bearing surface	weight each
t	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	l mm	kg
125	80	166	85	134	364	220	631	382	370	36	205	95
150	95	182	90	144	389	250	703	408	420	42	248	134
200	105	204	100	154	479	276	838	446	475	47	290	195
250	120	238	110	174	539	300	938	503	515	60	314	271
300	134	260	121	189	599	350	1031	550	605	60	345	368
400	160	305	140	224	620	370	1078	645	652	80	392	563
500	180	340	152	255	679	450	1239	714	763	85	440	786
600	200	365	170	280	739	490	1353	788	820	90	475	1009
1250	300	570	245	442	928	650	1812	1164	1144	140	670	2933



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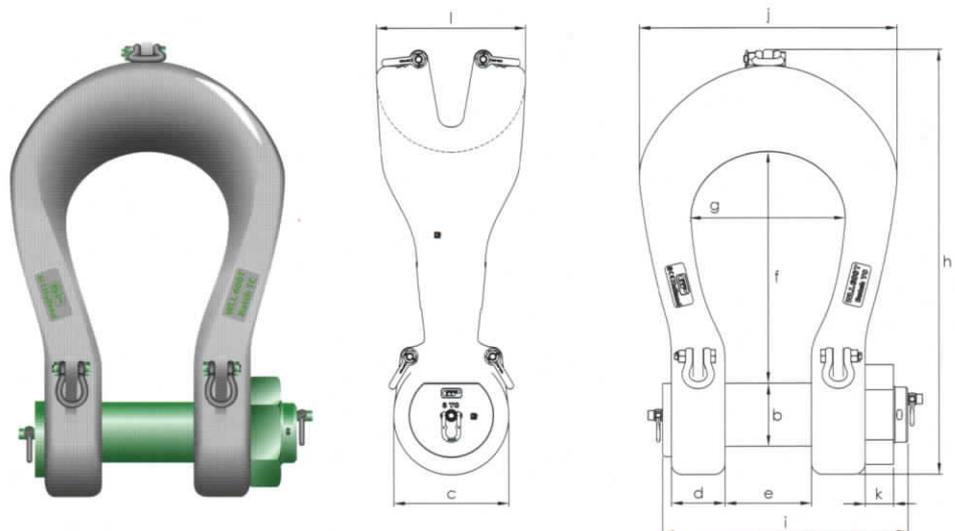
Material: Body and pin alloy steel, Grade 8, quenched and tempered
Safety Factor: MBL equals 5 x WLL
Finish: Shackle body painted silver, pin painted green
Temperature Range: -40 °C up to +200 °C
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t	b inch	c inch	d inch	e inch	f inch	g inch	h inch	i inch	j inch	k inch	l inch	lbs
125	3 5/32	6 17/32	3 11/32	5 9/32	14 11/32	8 21/32	24 27/32	15 1/32	14 9/16	1 13/32	8 1/16	210
150	3 3/4	7 5/32	3 17/32	5 21/32	15 5/16	9 27/32	27 11/16	16 1/16	16 17/32	1 21/32	9 3/4	296
200	4 1/8	8 1/32	3 15/16	6 1/16	18 7/8	10 7/8	33	17 9/16	18 11/16	1 27/32	11 13/32	430
250	4 23/32	9 3/8	4 11/32	6 27/32	21 7/32	11 13/16	36 15/16	19 13/16	20 9/32	2 3/8	12 3/8	598
300	5 9/32	10 1/4	4 3/4	7 7/16	23 19/32	13 25/32	40 19/32	21 21/32	23 13/16	2 3/8	13 19/32	812
400	6 5/16	12	5 1/2	8 13/16	24 13/32	14 9/16	42 7/16	25 3/8	25 21/32	3 5/32	15 7/16	1242
500	7 3/32	13 3/8	5 31/32	10 1/32	26 23/32	17 23/32	48 25/32	28 1/8	30 1/32	3 11/32	17 5/16	1733
600	7 7/8	14 3/8	6 11/16	11 1/32	29 3/32	19 9/32	53 9/32	31 1/32	32 9/32	3 17/32	18 11/16	2225
1250	11 13/16	22 7/16	9 21/32	17 13/32	36 17/32	25 19/32	71 11/32	45 27/32	45 1/32	5 1/2	26 3/8	6467



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