



## Green Pin Power Sling® Shackle BN

High load capacity, grade 8 shackle with safety bolt



### Highlights

- ✓ Saves up to 20% on cost of wire rope
- ✓ Improves safety thanks to multiple handling points and RFID-tracking
- ✓ Unique Green Pin® design (patent pending)
- ✓ Best choice for heavy lifting projects
- ✓ Superior stock availability of 99%

### Description

The Green Pin Power Sling® Shackle BN is specially developed for heavy lifting. It is the top product in the Green Pin® shackle assortment and the wider lifting industry. The Green Pin Power Sling® Shackle BN has a bending efficiency of 85%. Its shackle crown is the widest in the industry (10% more than shackles of the previous generation) and has an optimal D/d ratio. Furthermore, the areas of the Power Sling® shackle that endure the highest stress have been reinforced. As a result, the Power Sling® lets you save up to 20% on synthetic- and wire rope costs. The long-term performance of the Power Sling® has been scrutinized with tensile- and fatigue testing, subjecting it to more than 40.000 cycles (the API norm specifies 20.000 cycles). Each shackle is proofload tested to twice the working load limit. Ductility of the steel has also been checked at temperatures as low as minus 40 °Celsius degree (-40 °F). Safety and efficiency for riggers are other key benefits of the Power Sling®. The Power Sling® is equipped with six handling points to the body and several more on the pin (larger sizes have more handling points than smaller sizes). Many such handling points are smaller shackles that are attached to the main shackle. Lifting the Power Sling® into place becomes a much safer and easier activity as a result. The Power Sling® can be supplied with a variety of certificates. The Green Pin Power Sling® Shackle BN is available in a range with a working load limit from 125 to 1550T. More information (product video, brochure) can be found on the website <http://greenpin.com/power>.

### Product details

<b>Productcode</b>	P-6043
<b>Material</b>	bow and pin alloy steel, Grade 8, quenched and tempered
<b>Safety factor</b>	MBL equals 5 x WLL
<b>Finish</b>	shackle bow painted silver, pin painted green
<b>Certification</b>	<b>2.1 2.2 3.1 MTCb LROS MPIb USb</b> <b>DNVGL-ST-0378 CE DNV-GL-ST-0377</b>





## Green Pin Power Sling® Shackle BN

### Technical specifications in millimeters

Article code	working load limit	Weight shackle pin	B diameter pin	C diameter eye	D width eye	E width inside	F length inside	G width bow	H length	I length bolt	J width	K thickness nut	L bearing surface	Net weight (kg)
SLPGP0125	125	16,83	81	165	89	134	365	220	632	382	370	36	205	95
SLPGP0150	150	25,83	95	182	90	144	390	250	703	408	420	42	248	134
SLPGP0200	200	35,1	105	204	100	154	480	276	838	446	474	47	290	195
SLPGP0250	250	54,2	120	238	114	174	540	300	938	503	513	60	314	271
SLPGP0300	300	71,3	134	260	125	189	600	350	1032	550	604	60	345	368
SLPGP0400	400	122,2	160	305	144	224	620	370	1123	645	653	80	392	563
SLPGP0500	500	163,6	180	340	157	255	680	450	1239	714	763	85	440	786
SLPGP0600	600	220,6	200	365	175	280	741	490	1354	788	818	90	475	1009
SLPGP0700	700	288,7	215	405	195	320	751	540	1415	879	893	100	512	1288
SLPGP0800	800	353,6	230	430	205	347	851	554	1547	945	917	108	536	1503
SLPGP0900	900	472,7	255	476	220	373	852	580	1599	1013	972	120	560	1849
SLPGP1000	1000	571	270	500	237	405	851	614	1643	1085	1022	125	590	2188



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SLPGP1250	1250	722	300	570	251	436	930	650	1813	1144	1144	100	670	2933
SLPGP1550	1550	881	320	590	276	481	950	680	1890	1256	1210	106	704	3558

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## Green Pin Power Sling® Shackle BN

### Technical specifications in inches

Article code	working load limit	Weight shackle pin	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	K thickness nut (inch)	L bearing surface (inch)	Net weight (LBS)
<b>SLPGP0125</b>	125	37,1	3 3/16	6 1/2	3 1/2	5 9/32	14 3/8	8 21/32	24 7/8	15 1/32	14 9/16	1 13/32	8 1/16	209
<b>SLPGP0150</b>	150	56,95	3 3/4	7 5/32	3 17/32	5 21/32	15 11/32	9 27/32	27 11/16	16 1/16	16 17/32	1 21/32	9 3/4	295
<b>SLPGP0200</b>	200	77,38	4 1/8	8 1/32	3 15/16	6 1/16	18 29/32	10 7/8	33	17 9/16	18 21/32	1 27/32	11 13/32	430
<b>SLPGP0250</b>	250	119,49	4 23/32	9 3/8	4 1/2	6 27/32	21 1/4	11 13/16	36 15/16	19 13/16	20 3/16	2 3/8	12 3/8	598
<b>SLPGP0300</b>	300	157,19	5 9/32	10 1/4	4 29/32	7 7/16	23 5/8	13 25/32	40 5/8	21 21/32	23 25/32	2 3/8	13 19/32	811
<b>SLPGP0400</b>	400	269,4	6 5/16	12	5 21/32	8 13/16	24 13/32	14 9/16	44 7/32	25 13/32	25 23/32	3 5/32	15 7/16	1241
<b>SLPGP0500</b>	500	360,68	7 3/32	13 3/8	6 3/16	10 1/32	26 25/32	17 23/32	48 25/32	28 1/8	30 1/32	3 11/32	17 5/16	1733
<b>SLPGP0600</b>	600	486,34	7 7/8	14 3/8	6 7/8	11 1/32	29 3/16	19 9/32	53 5/16	31 1/32	32 7/32	3 17/32	18 11/16	2225
<b>SLPGP0700</b>	700	636,47	8 15/32	15 15/16	7 11/16	12 19/32	29 9/16	21 1/4	55 23/32	34 19/32	35 5/32	3 15/16	20 5/32	2840
<b>SLPGP0800</b>	800	779,55	9 1/16	16 15/16	8 1/16	13 21/32	33 1/2	21 13/16	60 29/32	37 7/32	36 3/32	4 1/4	21 3/32	3314
<b>SLPGP0900</b>	900	1042,13	10 1/32	18 3/4	8 21/32	14 11/16	33 17/32	22 27/32	62 15/16	39 7/8	38 9/32	4 23/32	22 1/16	4077
<b>SLPGP1000</b>	1000	1258,84	10 5/8	19 11/16	9 11/32	15 15/16	33 1/2	24 3/16	64 11/16	42 23/32	40 1/4	4 29/32	23 7/32	4825



## Green Pin Power Sling® Shackle BN

### Technical specifications in inches

Article code	working load limit	Weight shackle pin	B diameter pin (inch)	C diameter eye (inch)	D width eye (inch)	E width inside (inch)	F length inside (inch)	G width bow (inch)	H length (inch)	I length bolt (inch)	J width (inch)	K thickness nut (inch)	L bearing surface (inch)	Net weight (LB)
<b>SLPGP1250</b>	1250	1591,74	11 13/16	22 7/16	9 7/8	17 5/32	36 5/8	25 19/32	71 3/8	45 1/32	45 1/32	3 15/16	26 3/8	6467
<b>SLPGP1550</b>	1550	1942,27	12 19/32	23 7/32	10 7/8	18 15/16	37 13/32	26 25/32	74 13/32	49 7/16	47 5/8	4 3/16	27 23/32	7845

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Technical drawing

