



Green Pin[®] Spring Release ROV Shackle

Release ROV shackle (grade 8) with spring

Highlights

- ✓ Excellent choice for ROV release operations
- ✓ Quick release system that is manipulated easily by an ROV arm
- ✓ Reduces the time needed to disassemble shackles underwater
- ✓ Developed specifically for sub-sea applications
- ✓ White coating optimizes visibility under water

Description

The Green Pin[®] Spring Release ROV Shackle is a grade 8 shackle developed specifically for (subsea) release operations with a remotely operated vehicle (ROV). The shackle has a specially designed quick release system that can be manipulated easily by a hydraulically operated ROV arm, without compromising safety. By activating the spring the shackle is disassembled quickly and safely. The Green Pin[®] Spring Release ROV Shackle is also suitable for use in extremely low temperatures (down to -60 °C / -76°F). Assembly of the shackle can be done by hand for the smaller sizes. A compression tool (sold separately) should be used for sizes with a working load limit of 42.5 ton and up. Of course, the Green Pin[®] Spring Release ROV Shackle conforms to a wide range of certifications. The Green Pin[®] Spring

Product details

Productcode	P-5367
Material	bow and pin alloy steel, Grade 8, quenched and tempered
Safety factor	MBL equals 5 x WLL
Finish	shackle bow painted white, pin painted green
Certification	2.1 2.2 3.1 MTCa LROS CE
Note	for in-line use only. This shackle is assembled with wire rope slings and a monkey's fist. For size starting from WLL 42.5 up to and including 150 t a special compression tool (sold separately) is required to assemble the shackle.

Release ROV Shackle is available in a range with a working load limit from 12 up to 150 ton.

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Green Pin® Spring Release ROV Shackle

Technical specifications in millimeters

Article code	working load limit	Weight shackle pin	Net weight	A diameter bow	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	Net weight (kg)
POGHMB32ROVSRL	12	2,26	5.24	32	35	72	32	51	115	83	201	291	147	5.24
POGHMB35ROVSRL	13,5	2,54	7.00	35	38	80	35	57	133	92	227	301	162	7
POGHMB38ROVSRL	17	3,86	9.25	38	42	88	38	60	146	99	249	360	175	9.25
POGHMB45ROVSRL	25	5,62	15.5	45	50	103	45	74	178	126	300	370	216	15.5
POGHMB50ROVSRL	35	7,89	20.4	50	57	116	50	83	197	138	334	400	238	20.4
POGHMB57ROVSRL	42,5	10,6	39.0	57	65	130	57	95	222	160	377	460	274	39
POGHMB65ROVSRL	55	12,84	42.0	65	70	145	65	105	260	180	433	490	310	42
POGHMB75ROVSRL	85	18,69	67.0	75	83	162	75	127	329	190	527	587	340	67
HDPOHM0120ROVSRL	120	65,7	123	95	95	208	91	147	399	238	646	687	428	123

Article code	working load limit	Weight shackle pin	Net weight	A diameter bow	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	Net weight (kg)
HDPOHM0150ROVSRL	150	85,78	168	105	108	238	102	169	410	275	688	727	485	168

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Technical specifications in inches

Article code	Working load limit	Weight shackle pin	Net weight	A diameter bow (inch)	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)	Net weight (LBS)
POGHMB32ROVSRL	12	4,98	11.6	1 1/4	1 3/8	2 13/16	1 9/32	2	4 17/32	3 9/32	7 29/32	11 1/2	5 25/32	11.6
POGHMB35ROVSRL	13,5	5,61	15.4	1 3/8	1 1/2	3 5/32	1 3/8	2 1/4	5 1/4	3 5/8	8 15/16	11 7/8	6 11/32	15.4
POGHMB38ROVSRL	17	8,51	20.4	1 1/2	1 5/8	3 1/2	1 17/32	2 11/32	5 3/4	3 29/32	9 13/16	14 5/32	6 7/8	20.4
POGHMB45ROVSRL	25	12,38	34.2	1 3/4	2	4 1/32	1 25/32	2 29/32	7	4 15/16	11 13/16	14 9/16	8 17/32	34.2
POGHMB50ROVSRL	35	17,4	45.0	2	2 1/4	4 9/16	1 31/32	3 9/32	7 3/4	5 7/16	13 5/32	15 3/4	9 3/8	45.0
POGHMB57ROVSRL	42,5	23,37	86.0	2 1/4	2 9/16	5 1/8	2 1/4	3 3/4	8 3/4	6 9/32	14 13/16	18 1/8	10 25/32	86.0
POGHMB65ROVSRL	55	28,31	92.6	2 1/2	2 3/4	5 23/32	2 9/16	4 1/8	10 1/4	7 3/32	17 3/32	19 5/16	12 3/16	92.6
POGHMB75ROVSRL	85	41,2	148	3	3 1/4	6 11/32	2 15/16	5	12 15/16	7 1/2	20 3/4	23 1/8	13 3/8	148
HDPOHM0120ROVSRL	120	144,84	271	3 3/4	3 3/4	8 3/16	3 19/32	5 25/32	15 23/32	9 3/8	25 7/16	27 1/32	16 7/8	271

Article code	working load limit	Weight shackle pin	Net weight	A diameter bow (inch)	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)	Net weight (LB)
HDPOHM0150ROVSRL	150	189,11	370	4 1/8	4 1/4	9 3/8	4	6 5/8	16 5/32	10 13/16	27 3/32	28 19/32	19 1/8	370

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Technical drawing

