

# Green Pin<sup>®</sup> ROV Shackle

Spring loaded



Green Pin<sup>®</sup> ROV shackles were specially designed with a quick release system. Without compromising safety, the quick release can be manipulated by a hydraulically-operated ROV arm. This shackle was developed for subsea applications, and can significantly reduce the time needed to disassemble shackles underwater.

## Certificates

At no extra cost, this product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate and/or EC Declaration of Conformity.

## Specifications

Material	Bow and pin alloy steel, grade 8, quenched and tempered
Safety Factor	MBL equals 5 x WLL
Finish	Body painted white, pin painted green
Temperature Range	-40°C up to +200°C

Working load limit	Diameter bow	Diameter pin	Diameter eye	Width eye	Width inside	Length inside	Width bow	Length	Length bolt	Width	Weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
12	32	35	72	32	51	115	83	201	291	147	5.24
13.5	35	38	80	35	57	133	92	227	301	162	7
17	38	42	88	38	60	146	99	249	360	175	9.25

25	45	50	103	45	74	178	126	300	370	216	15.5
35	50	57	116	50	83	197	198	334	400	238	20.4
42.5	57	65	130	57	95	222	160	377	460	274	32
55	65	70	145	65	105	260	180	433	490	310	42
85	75	83	162	75	127	329	190	527	587	340	67
120	95	95	208	91	147	399	238	646	687	428	123
150	105	108	238	102	169	410	275	688	727	148	168

## Notes

For in-line use only. This shackle is assembled with wire rope slings and monkey's fist.  
For sizes WLL 42.5-15 t a special compression tool (sold separately) is required.