



Subsea products

The comprehensive ROV portfolio from The Crosby Group.

ROV equipment for the highest safety & functionality in the industry

Tough working environments require solutions you can trust



The Crosby Group ROV compatible product range has been developed by the industry for the industry.

Working alongside leading subsea contractors, we have developed a product range to combine operating efficiency with enhanced safety features to provide innovative handling solutions in a challenging environment.

Consistent with the overall portfolio of The Crosby Group, our vertically integrated product supply chain manufacturing provides complete control of the manufacturing process from raw material to finished goods. This control ensures product inspection throughout the manufacturing process affording a high level of quality and consistency across all product lines.



Reliability, in everything we do. Uncompromised quality leads to higher performance and lower risks.

Benefits of a Vertically Integrated Supply Chain

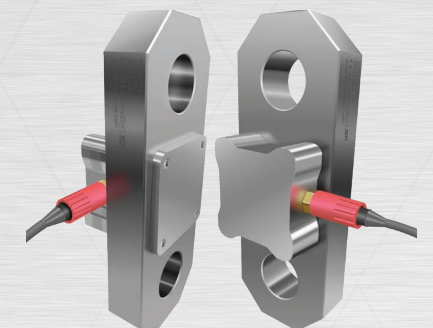
- Controls the process from raw materials to finish good, ensuring a high level of quality and consistency due to multiple inspections
- Responsibility of quality and safety as a single owner
- Most direct line to the manufacturer
- Fewest handoffs
- Highest level of accountability

Product reliability & quality

- Every single product is designed to the highest safety standards
- Solid and consistent quality processes with full traceability on all products and a thorough testing regime including proof loading and fatigue testing
- All critical processes performed in-house

Customer support

- Extensive local inventory and expertise
- Unrivalled worldwide customer support, 24/7, with decades of combined experience in the rigging & material handling industry



ROV Release & Retrieve Shackles
G2100

ROV Shackle with low-profile retained pin for release and retrieve operations.
API RP 17H compliant 316 stainless steel handles available in T, D, F and Eye models (sold separately).

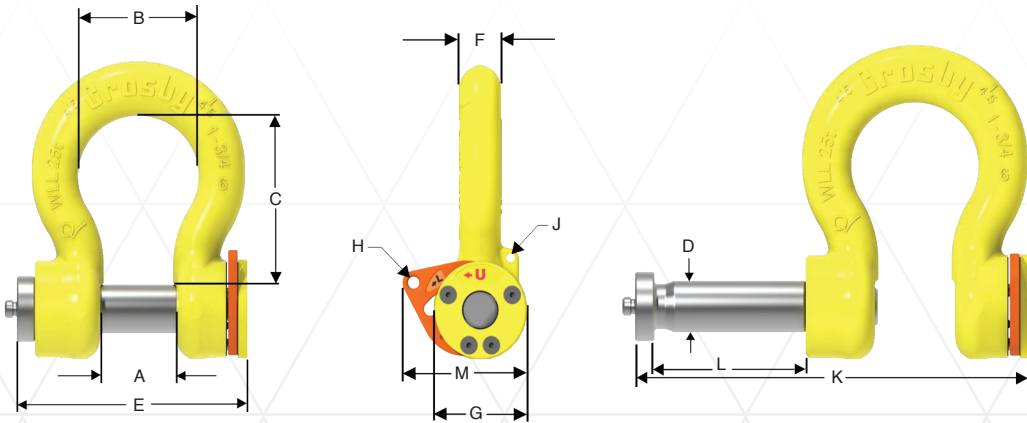
Material: Forged Steel, Quenched & Tempered, with alloy pins
Finish: Galvanized with high visibility yellow coating
Safety factor: 6:1
Documentation: Material traceability certificate can be supplied on request.
In-service Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric table with columns: Stock No., Working Load Limit (t)*, Weight Each (kg), and Dimensions (mm) A through M. It lists specifications for various shackle models.

Imperial table with columns: Stock No., Working Load Limit (t)*, Weight Each (lb), and Dimensions (inch) A through M. It lists specifications for various shackle models.

* t Indicates metric tons

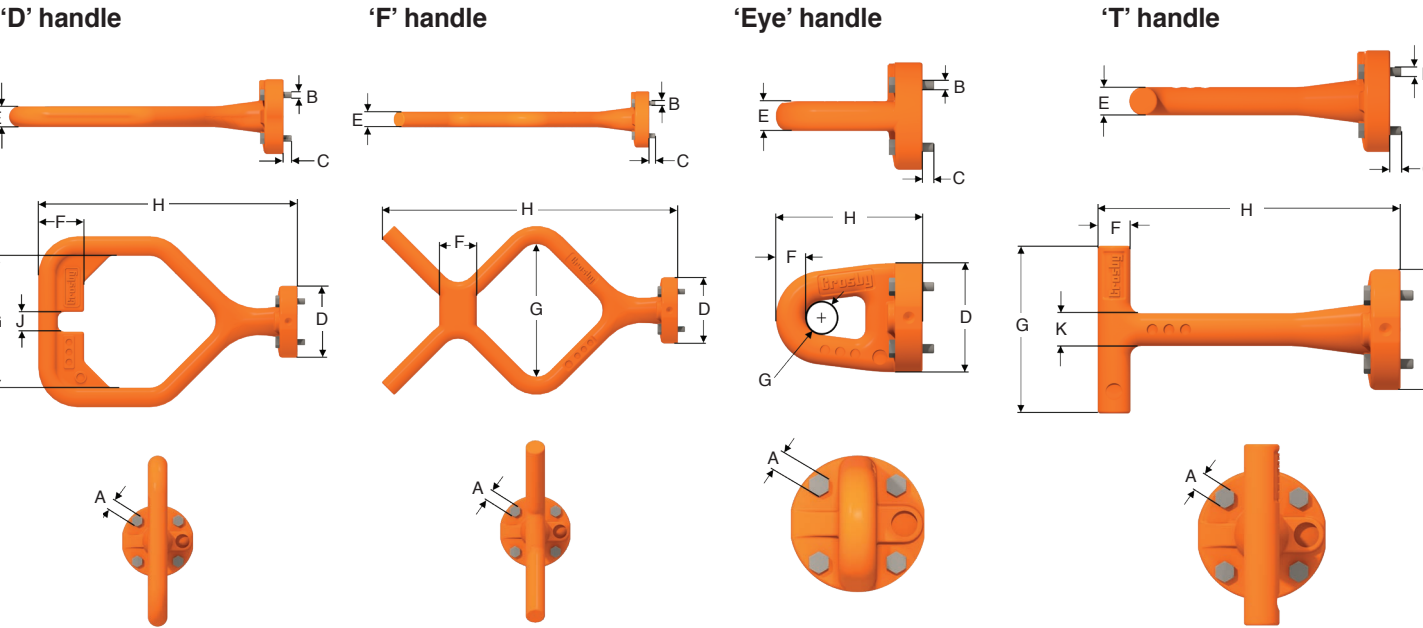


Watch our G2100 video here

ROV Release & Retrieve Shackle Handles
G2100

Interchangeable handles for use with G2100 shackle (offered separately).

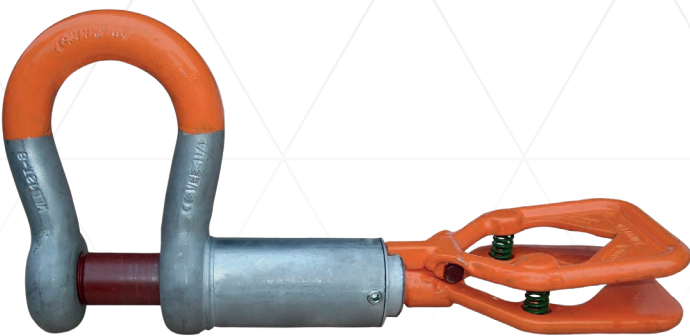
Material: Stainless Steel
Finish: Fluorescent Orange paint, Handle kits available containing handle, retaining bolts and individual packet of Loctite® for easy installation.
Documentation: Material traceability certificate can be supplied on request.
In-service Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric table for handles with columns: Handle Style, Stock No., Weight Each (kg), and Dimensions (mm) A through K. It lists specifications for D, F, T, and Eye handle styles.

Imperial table for handles with columns: Handle Style, Stock No., Weight Each (lb), and Dimensions (inch) A through K. It lists specifications for D, F, T, and Eye handle styles.

ROV Release & Retrieve Shackles
861



The ROV Retrieve Shackle no 861 is designed for smooth and easy use in retrieving and releasing subsea lifting and rigging operations.

It has no loose parts in either the open or closed position.

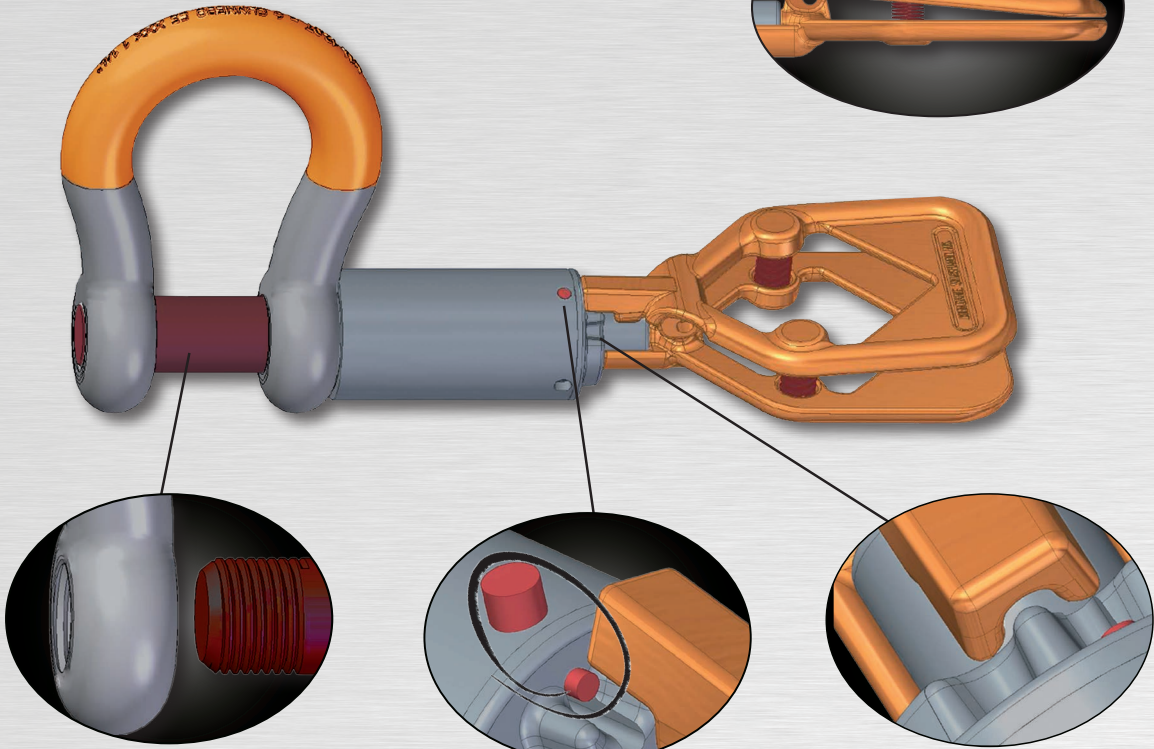
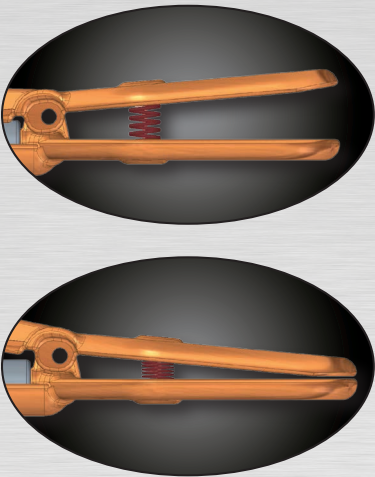
The high visibility handles are closed-die forged and provide double safety functionality:

- Shark tooth locking
- An indicator that will show if the shackle is in the open or locked position

The spring loaded handle is the same size, regardless of the size of the shackle.

The ROV Retrieve Shackle no 861 is an easy to operate shackle, saving valuable time and money.

The V-designed handle gives better grip for the ROV unit and can only be turned when the handle is pressed down.



Tapered bolt end for easy attachment.

Indicator for open and closed position

"Shark tooth" locking

ROV Release & Retrieve Shackles
861

Spring loaded D-handle for single point ROV manipulation with a captured bolt and no loose parts. Suitable for both underwater release and retrieve operations.

Standard: Dim. according to EN 13889

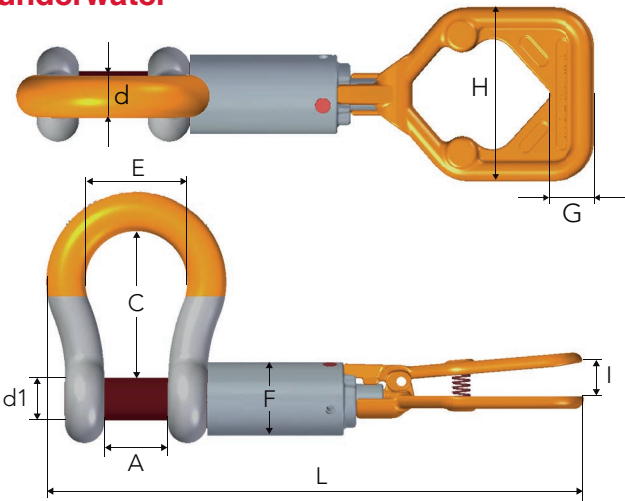
Material: High Tensile Steel, Quenched and Tempered

Finish: All load bearing parts hot dip galvanized

Safety factor: 6:1

Documentation: Test certificate and traceable 3.1 certificate supplied on request.

Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric

Stock No.	Working Load Limit (t)*	Weight (kg)	Dimensions (mm)									
			d1	d	A	C	E	F	L	I	H	G
A086128	9.5	6.5	32	28	46	108	74	60	440	31	132	33
A086132	12	8	35	32	52	119	83	60	460	31	132	33
A086138	17	10.5	42	38	60	146	98	63.5	501	31	132	33
A086145	25	16.5	50	45	74	178	127	70	565	31	132	33
A086152	35	20.5	57	50	83	197	138	76	604	31	132	33
A086164	55	42	70	65	105	260	180	88	712	31	132	33

Imperial

Stock No.	Working Load Limit (t)*	Weight (lb)	Dimensions (inch)									
			d1	d	A	C	E	F	L	I	H	G
7200307	9.5	14.33	1.26	1.10	1.81	4.25	2.91	2.36	17.32	1.22	5.20	1.30
7200316	12	17.64	1.38	1.26	2.05	4.69	3.27	2.36	18.11	1.22	5.20	1.30
7200325	17	23.15	1.65	1.50	2.36	5.75	3.86	2.50	19.72	1.22	5.20	1.30
7200334	25	36.38	1.97	1.77	2.91	7.01	5.00	2.76	22.24	1.22	5.20	1.30
7200343	35	45.19	2.24	1.97	3.27	7.76	5.43	2.99	23.78	1.22	5.20	1.30
7200352	55	92.59	2.76	2.56	4.13	10.24	7.09	3.46	28.03	1.22	5.20	1.30

* t Indicates metric tons

Watch our 861 video here



ROV Release Shackles
G209R



Screw pin ROV release shackle with large interface locking pin.

- Material: Forged Steel, Quenched & Tempered, with alloy pins
- Finish: Galvanized with high visibility yellow coating
- Safety factor: 5:1
- Documentation: Material traceability certificate can be supplied on request.
- In-service Temperature: -40 °C to 200 °C / -40 °F to 392 °F

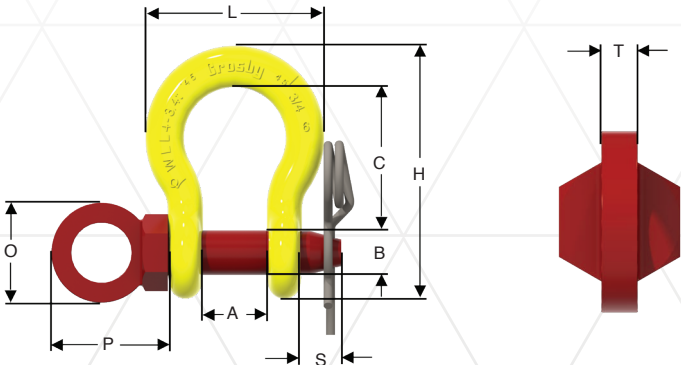
Metric

Stock No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
			A	B	C	H	L	O	P	S	T
1020872	6.5	1.64	36.6	25.4	84.1	148.1	102.4	30.0	57.9	16.5	9.9
1020902	8.5	2.28	42.9	28.7	95.3	166.6	119.1	30.0	61.0	18.5	9.9
1020932	9.5	3.36	46.0	31.8	108.0	189.7	131.1	57.9	83.1	19.1	11.9
1020952	12	4.31	51.6	35.1	119.1	209.6	146.1	57.9	84.1	22.6	11.9
1020972	13.5	6.14	57.2	38.1	133.4	232.7	162.1	59.9	90.9	23.1	15.0
1020992	17	7.8	60.5	41.4	146.1	254.0	174.8	59.9	93.0	30.0	15.0
1021102	25	12.6	73.2	50.8	177.8	313.4	225.0	54.9	114.0	29.0	17.5
1021125	35	20.41	82.6	57.2	196.9	347.5	253.2	66.0	130.0	30.0	20.1
1021158	55	38.89	104.9	69.9	266.7	453.1	326.9	70.1	143.0	38.1	24.9

Imperial

Stock No.	Working Load Limit (t)*	Weight Each (lb)	Dimensions (inch)								
			A	B	C	H	L	O	P	S	T
1020872	6.5	3.62	1.44	1	3.31	5.83	4.03	1.18	2.28	0.65	0.39
1020902	8.5	5.03	1.69	1.13	3.75	6.56	4.69	1.18	2.4	0.73	0.39
1020932	9.5	7.41	1.81	1.25	4.25	7.47	5.16	2.28	3.27	0.75	0.47
1020952	12	9.5	2.03	1.38	4.69	8.25	5.75	2.28	3.31	0.89	0.47
1020972	13.5	13.53	2.25	1.5	5.25	9.16	6.38	2.36	3.58	0.91	0.59
1020992	17	17.2	2.38	1.63	5.75	10	6.88	2.36	3.66	1.18	0.59
1021102	25	27.78	2.88	2	7	12.34	8.86	2.16	4.49	1.14	0.69
1021125	35	45	3.25	2.25	7.75	13.68	9.97	2.6	5.12	1.18	0.79
1021158	55	85.75	4.13	2.75	10.5	17.84	12.87	2.76	5.63	1.5	0.98

* t Indicates metric tons



ROV Release Shackles
863

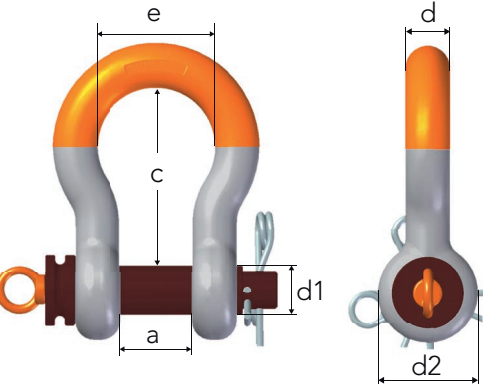
Equipped with bolt and two locking pins.

- Standard: Dim. according to EN 13889
- Material: High Tensile Steel, Quenched and Tempered
- Finish: All load bearing parts hot dip galvanized
- Safety factor: 5:1
- Documentation: Test certificate and traceable 3.1 certificate supplied on request.
- Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric

Stock No.	Working Load Limit (t)*	Weight (kg)	Dimensions (mm)					
			d1	d	a	c	d2	e
A086322	6.5	1.6	25	22	37	84	52	58
A086328	9.5	3.4	32	28	46	108	64	74
A086332	12	5	35	32	52	119	72	83
A086338	17	7.8	42	38	60	146	84	98
A086345	25	13.9	50	45	74	178	105	127
A086352	35	17	57	50	83	197	127	138
A086364	55	37	70	65	105	260	152	180



Imperial

Stock No.	Working Load Limit (t)*	Weight (lb)	Dimensions (inch)					
			d1	d	a	c	d2	e
7200415	6.5	3.53	0.98	0.87	1.46	3.31	2.05	2.28
7200424	9.5	7.5	1.26	1.10	1.81	4.25	2.52	2.91
7200433	12	11.02	1.38	1.26	2.05	4.69	2.83	3.27
7200442	17	17.20	1.65	1.50	2.36	5.75	3.31	3.86
7200451	25	30.64	1.97	1.77	2.91	6.89	4.13	5.00
7200460	35	37.48	2.24	1.97	3.27	7.76	5.00	5.43
7200469	55	81.57	2.76	2.56	4.13	10.24	5.98	7.09

* t Indicates metric tons

ROV Hooks

L562A - ROV Eye Shank Hook

Large shank for ROV grip. Cable guides allow for remote latch operation with installed cables.

Material: Forged Steel, Quenched & Tempered

Finish: Fluorescent yellow finish for high subsea visibility

Safety factor: 4:1

Documentation: Material traceability certificate can be supplied on request.

In-service Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric

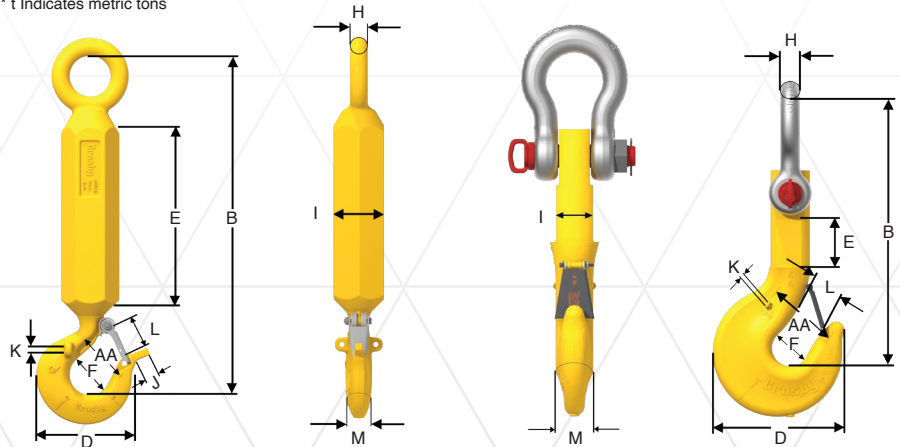
Stock No.	Hook ID code	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)											Replacement Latch Stock No.
				I	E	B	D	J	F	M	H	L	K	AA**	
1297722	IA	5.4	9.53	65.0	249.9	420.9	122.9	9.9	50.8	28.7	22.4	34.5	6.4	63.5	1096515
1297792	KA	11.5	14.97	65.0	249.9	517.9	191.5	30.0	76.2	41.4	31.8	52.8	9.7	101.6	1096611
1297806	LA	16	19.05	65.0	249.9	549.9	211.8	30.0	82.6	49.3	35.1	57.7	9.7	101.6	1096657
1297862	NA	22	30.84	85.1	249.9	608.1	262.6	45.0	108.0	60.5	40.4	76.7	19.1	127.0	1096704
1298042	OA	31.5	43.99	85.1	249.9	660.4	345.9	-	127.0	76.2	48.0	91.9	19.1	165.1	1090161
1298049	PA	37	43.99	80.0	235.0	827.5	357.1	-	136.7	76.2	46.7	95.3	19.1	177.8	1090189
1298057	SA	45	89.81	80.0	235.0	865.4	392.2	-	152.4	82.6	46.7	108.0	19.1	203.2	1090189
1298087	TA	60	131.09	89.9	214.9	941.3	469.9	-	177.8	99.3	52.8	130.0	19.1	254.0	1090205
1298103	WA	100	302.99	140.0	300.0	1185.4	584.2	-	173.0	139.7	68.8	124.0	19.1	304.8	1090241
1298117	XA	150	395.08	150.1	230.1	1232.7	619.3	-	171.5	152.4	91.9	136.7	19.1	330.2	1090241
1298130	YA	175	514.83	169.9	255.0	1326.9	677.9	-	190.5	177.8	101.6	-	19.1	330.2	143062

Imperial

Stock No.	Hook ID code	Working Load Limit (t)*	Weight Each (lb)	Dimensions (inch)											Replacement Latch Stock No.
				I	E	B	D	J	F	M	H	L	K	AA**	
1297722	IA	5.4	21	2.56	9.84	16.57	4.84	0.39	2.00	1.13	0.88	1.36	0.25	2.50	1096515
1297792	KA	11.5	33	2.56	9.84	20.39	7.54	1.18	3.00	1.63	1.25	2.08	0.38	4.00	1096611
1297806	LA	16	42	2.56	9.84	21.65	8.34	1.18	3.25	1.94	1.38	2.27	0.38	4.00	1096657
1297862	NA	22	68	3.35	9.84	23.94	10.34	1.77	4.25	2.38	1.59	3.02	0.75	5.00	1096704
1298042	OA	31.5	97	3.35	9.84	26.00	13.62	-	5.00	3.00	1.89	3.62	0.75	6.50	1090161
1298049	PA	37	97	3.15	9.25	32.58	14.06	-	5.38	3.00	1.84	3.75	0.75	7.00	1090189
1298057	SA	45	198	3.15	9.25	34.07	15.44	-	6.00	3.25	1.84	4.25	0.75	8.00	1090189
1298087	TA	60	289	3.54	8.46	37.06	18.50	-	7.00	3.91	2.08	5.12	0.75	10.00	1090205
1298103	WA	100	668	5.51	11.81	46.67	23.00	-	6.81	5.50	2.71	4.88	0.75	12.00	1090241
1298117	XA	150	871	5.91	9.06	48.53	24.38	-	6.75	6.00	3.62	5.38	0.75	13.00	1090241
1298130	YA	175	1135	6.69	10.04	52.24	26.69	-	7.50	7.00	4.00	-	0.75	13.00	143062

* t Indicates metric tons

** Deformation Indicators



ROV Hooks

L320R - Eye Hook

ROV eye hook. Cable guides allow for remote latch operation with installed cables.

Material: Forged Steel, Quenched & Tempered

Finish: Fluorescent yellow finish for high subsea visibility

Safety factor: 4:1

Documentation: Material traceability certificate can be supplied on request.

In-service Temperature: -40 °C to 200 °C / -40 °F to 392 °F



Metric

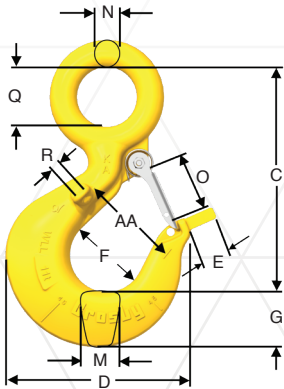
Stock No.	Hook ID code	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)											Replacement Latch Stock No.
				C	D	E	F	G	M	N	O	Q	R	AA**	
1298427	HA	3.2	0.91	119.1	100.8	9.9	41.4	28.7	28.7	14.7	27.7	3175	6.4	50.8	1096468
1298497	IA	5.4	1.81	146.6	12217.4	9.9	50.8	36.6	36.6	18.3	34.5	39.6	6.4	63.5	1096515
1298567	JA	8	3.72	187.2	159.3	20.1	63.5	46.0	46.0	22.9	40.9	50.8	9.7	76.2	1096562
1298637	KA	11.5	6.8	230.4	189.2	30.0	76.2	57.2	57.2	28.2	52.8	62.0	9.7	101.6	1096611
1298707	LA	16	9.53	256.0	210.8	30.0	82.6	65.8	65.8	32.3	57.7	72.1	9.7	101.6	1096657
1298777	NA	22	17.24	318.3	261.6	45.0	108.0	76.2	76.2	39.6	76.7	88.9	19.1	127.0	1096704
1298847	OA	31.5	27.22	357.4	346.2	-	127.0	91.9	91.9	44.5	93.2	88.9	19.1	165.1	1090161
1298857	PA	37	48.53	462.0	357.1	-	136.7	115.8	115.8	50.8	95.3	114.3	19.1	177.8	1090189
1298867	SA	45	62.14	511.0	392.4	-	152.4	128.5	128.5	55.4	108.0	125.5	19.1	203.2	1090189
1298877	TA	60	101.6	602.5	469.9	-	177.8	152.4	152.4	64.3	130.0	144.5	19.1	254.0	1090205

Imperial

Stock No.	Hook ID code	Working Load Limit (t)*	Weight Each (lb)	Dimensions (inch)											Replacement Latch Stock No.
				C	D	E	F	G	M	N	O	Q	R	AA**	
1298427	HA	3.2	2	4.69	3.97	0.39	1.63	1.13	0.94	0.58	1.09	125	0.25	2	1096468
1298497	IA	5.4	4	5.77	481	0.39	2	1.44	1.31	0.72	1.36	1.56	0.25	2.5	1096515
1298567	JA	8	8.2	7.37	6.27	0.79	2.5	1.81	1.66	0.9	1.61	2	0.38	3	1096562
1298637	KA	11.5	15	9.07	7.45	1.18	3	2.25	1.63	1.11	2.08	2.44	0.38	4	1096611
1298707	LA	16	21	10.08	8.3	1.18	3.25	2.59	1.94	1.27	2.27	2.84	0.38	4	1096657
1298777	NA	22	38	12.53	10.3	1.77	4.25	3	2.38	1.56	3.02	3.5	0.75	5	1096704
1298847	OA	31.5	60	14.07	13.63	-	5	3.62	3	1.75	3.67	3.5	0.75	6.5	1090161
1298857	PA	37	107	18.19	14.06	-	5.38	4.56	3.19	2	3.75	4.5	0.75	7	1090189
1298867	SA	45	137	20.12	15.45	-	6	5.06	3.24	2.18	4.25	4.94	0.75	8	1090189
1298877	TA	60	224	23.72	18.5	-	7	6	3.91	2.53	5.12	5.69	0.75	10	1090205

* t Indicates metric tons

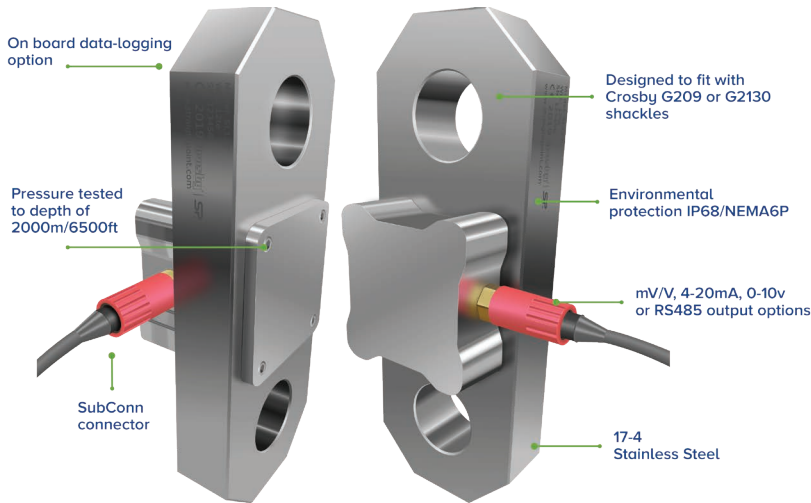
** Deformation Indicators



Subsea Loadlink
Monitor your load

The Subsea link has been manufactured for use in subsea or submersible projects where accurate load monitoring is required.

- Material: 17-4 Stainless steel
- Finish: Environmental protection IP68/ NEMA6P
- Safety factor: 5:1
- Output: Options for: mV/V, 4-20mA, 0-10v, RS485 or internal data logger
- Documentation: Test certificate and material traceability certificate can be supplied on request.
- In-service Temperature: -10 °C to +50 °C / 14 °F to 122 °F
- Accuracy: ± 0.1% FS
- Max depth of use: 2000 meters / 6562 feet
- MTBF to WLL: Typically 50 million cycles
- Elongation: Typically <0.4mm at WLL



Metric

Stock No.	Working Load Limit (t)*	Weight (kg)	Dimensions (mm)					
			A	B	C	D	E	F
2789352	6.5	7	95	24	180	25	30	73
2789353	12	10	100	300	200	40	40	88
2789354	25	16	130	350	230	45	55	93
2789355	35	22	150	400	250	50	60	98
2789356	55	34	168	450	260	65	75	113
2789357	85	46	190	490	290	75	88	123
2789358	120	67	220	550	335	86	100	134

Imperial

Stock No.	Working Load Limit (t)*	Weight (lb)	Dimensions (inch)					
			A	B	C	D	E	F
2789352	6.5	15	3.74	9.45	7.09	0.98	1.18	2.87
2789353	12	23	3.94	11.81	7.87	1.57	1.57	3.46
2789354	25	34	5.12	13.78	9.06	1.77	2.17	3.66
2789355	35	49	5.91	15.75	9.84	1.97	2.36	3.86
2789356	55	75	6.61	17.72	10.24	2.56	2.95	4.45
2789357	85	101	7.48	19.29	11.42	2.95	3.46	4.84
2789358	120	148	8.66	21.65	13.19	3.39	3.94	5.28

* t Indicates metric tons



For more product specifications

Subsea Loadpin
Monitor your load

Designed for use in applications where an end of line load cell cannot be used, meaning an integrated solution is required.

- Safety factor: 300% of SWL
- Operation Temp: -20 °C to +70 °C / -4 °F to 158 °F
- Accuracy: ± 1% of full scale
- Protection: IP67 (IP68 available on request) / NEMA6 (NEMA6P available on request)

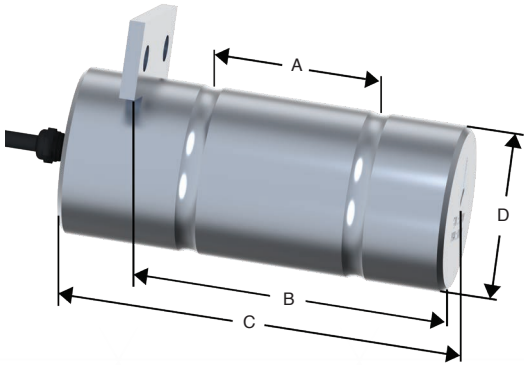
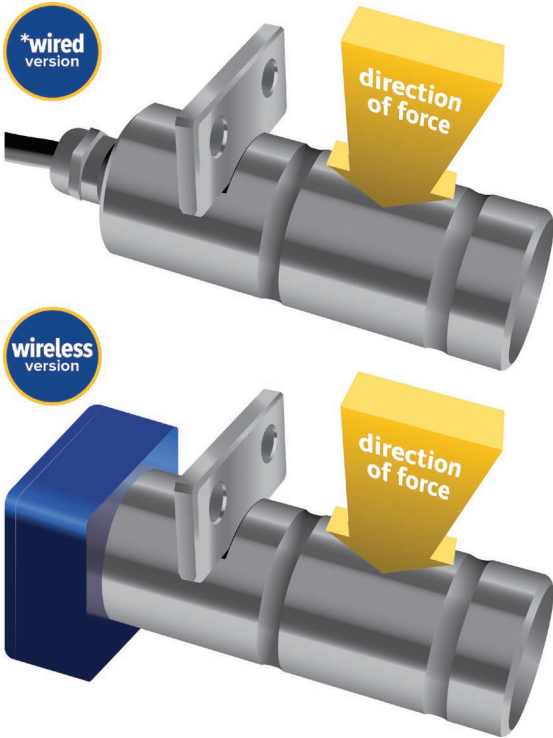
Metric

Model	Working Load Limit (t)*	Weight (kg)	Dimensions (mm)				Resolution (t)*
			A	B	C	D	
LP500KG	0.5	0.9	24	36	70	20	0.0002
LP1T	1	1	35	49	80	20	0.0005
LP2.5T	2.5	1.2	45	70	100	25	0.001
LP3.5T	3.5	1.4	50	75	105	30	0.001
LP6.5T	6.5	2	63	95	125	40	0.002
LP15T	15	3.1	75	114	150	50	0.002
LP25T	25	5.6	89	152	195	63	0.005
LP50T	50	8.6	102	178	225	75	0.01
LP100T	100	11.8	110	190	230	88	0.05
LP250T	250	29.8	130	220	300	125	0.1
LP500T	500	79.2	225	370	440	170	0.2
LP750T	750	146	295	500	590	200	0.2
LP1000T	1000	275	360	612	712	250	0.5
LP1500T	1500	389	430	731	832	275	0.5

Imperial

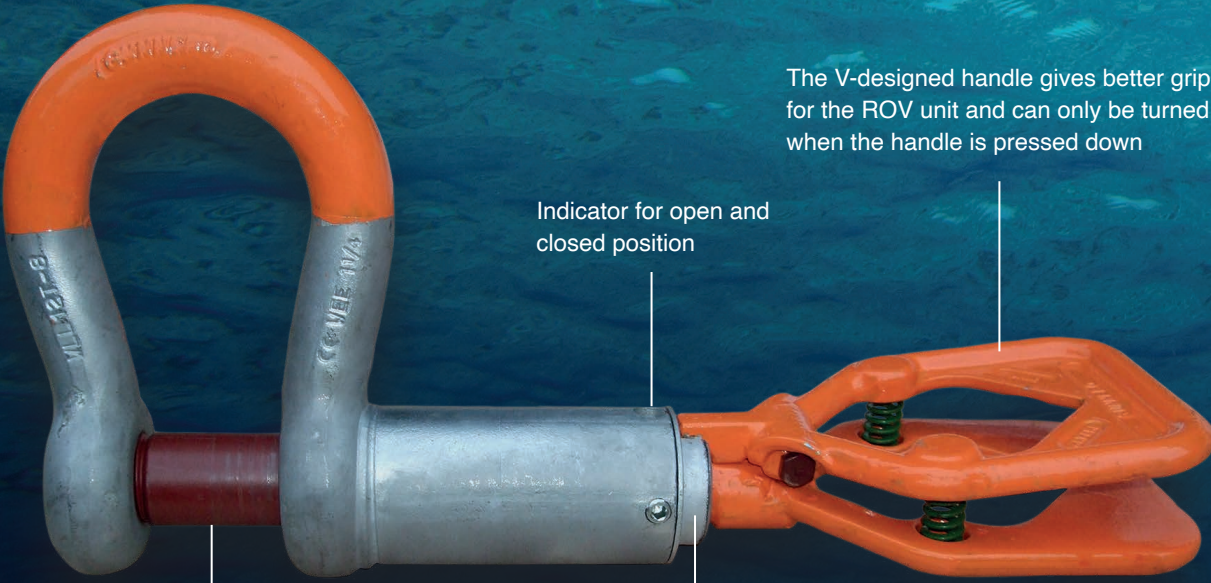
Model	Working Load Limit (t)*	Weight (lb)	Dimensions (inch)				Resolution (lb)
			A	B	C	D	
LP500KG	0.5	0.4	0.94	1.42	2.76	0.79	0.5
LP1T	1	0.5	1.38	1.93	3.15	0.79	1
LP2.5T	2.5	0.9	1.77	2.76	3.94	0.98	2
LP3.5T	3.5	1.3	1.97	2.95	4.13	1.18	2
LP6.5T	6.5	2.6	2.48	3.74	4.92	1.57	5
LP15T	15	5	2.95	4.49	5.91	1.97	5
LP25T	25	10.3	3.50	5.98	7.68	2.48	10
LP50T	50	18	4.02	7.01	8.86	2.95	2
LP100T	100	24	4.33	7.48	9.06	3.46	100
LP250T	250	64	5.12	8.66	11.81	4.92	200
LP500T	500	172	8.86	14.57	17.32	6.69	500
LP750T	750	319	11.61	19.69	23.23	7.87	500
LP1000T	1000	603	14.17	24.09	28.03	9.84	1000
LP1500T	1500	854	16.93	28.78	32.76	10.83	1000

* t Indicates metric tons



For more product specifications

The Crosby Group ROV Shackles iconic duo

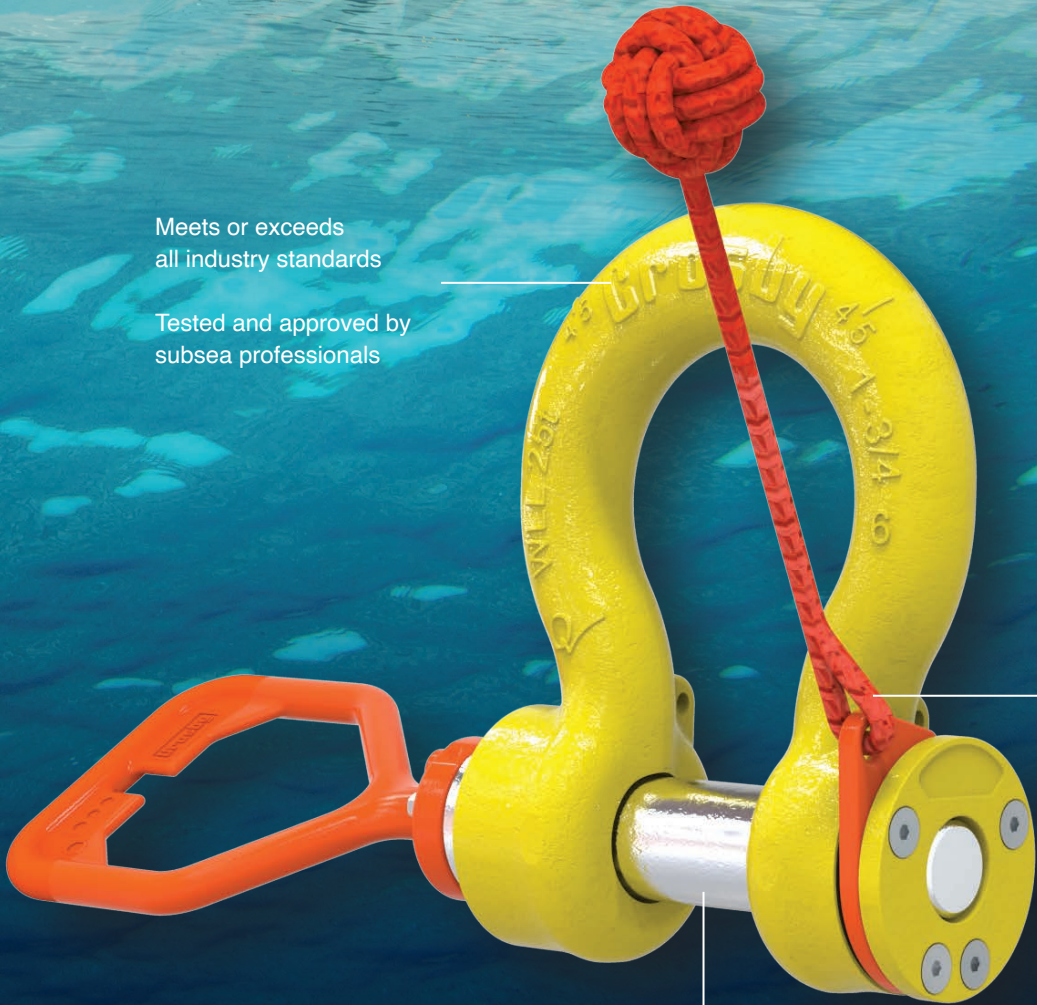


The V-designed handle gives better grip for the ROV unit and can only be turned when the handle is pressed down

Indicator for open and closed position

"Shark tooth" locking

Tapered bolt end for easy attachment



Meets or exceeds all industry standards

Tested and approved by subsea professionals

Lock plate with tether point for enhanced bolt securement

User friendly design, fastest, most reliable ROV shackle on the market

Factory ready design requires no end user modifications

Available in QUIC-Thread or non-threaded bolt design

Modular API RP 17H compliant 316 stainless steel handles available in T, D, F, or Eye models (sold separately)

theCrosbygroup®

The Crosby Group is a global leader in the innovation, manufacturing and distribution of products and services used to make lifting and load securement safer and more efficient, with premier brands such as Crosby, Gunnebo Industries, Crosby Straightpoint, Acco, McKissick, Crosby Feubo, Trawlex, Lebus and CrosbyIP.

With global engineering, manufacturing, distribution and operations, the company provides a broad range of products and solutions for the most demanding applications with uncompromising quality that exceed industry standards.

The Crosby Group, with its team members around the world, provides an unparalleled training program supported by industry experience dating back hundreds of years, creating safer work environments for people everywhere.

