

Another

New Product

Metric

ROV PRODUCTS:

for

**Remote
Operated
Vehicles**



**G209R
ROV Shackle**



**L562A
Shank Hooks**



**L320R
Eye Hooks**

From:



www.thecrosbygroup.com

**theCrosby[®]group,
INC.**

Crosby® ROV Hooks and Shackles

Purpose

- ☑ For efficient handling and attachment by Remote Operating Vehicles to subsea and other hard-to-reach loads.
- ☑ Developed in conjunction with major North Sea subsea operators.



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Crosby® ROV Hooks and Shackles

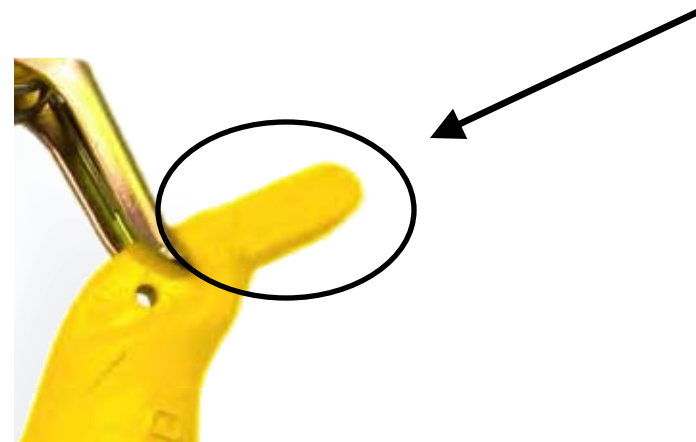
Purpose

Crosby® ROV Hooks and Shackles, in response to the increased use of Remote Operating Vehicles and the further development of deep water fields, have been engineered as an alternative to the unauthorized practice of welding attachments to Crosby® Load Rated products.

Crosby® ROV Eye Hooks & Shank Hooks

Product Information

- ☑ Crosby® ROV Hooks incorporate the following features:
 - Tip extension allows for easy handling.



Crosby® ROV Eye Hooks & Shank Hooks

Product Information



- Hook identification code stamped on each hook.

- Fluorescent yellow for high visibility subsea.

Crosby® ROV Eye Hooks & Shank Hooks

Product Information

- For use with Crosby® Master Links and A-1337 connectors as a load rated assembly for both lowering and recovering items from ocean floor.

Load Rated



Master Links



A-1337 Connector

Crosby® ROV Eye Hooks & Shank Hooks

Product Information

- Quenched and Tempered
- L-320R and L-562A are Fatigue Rated



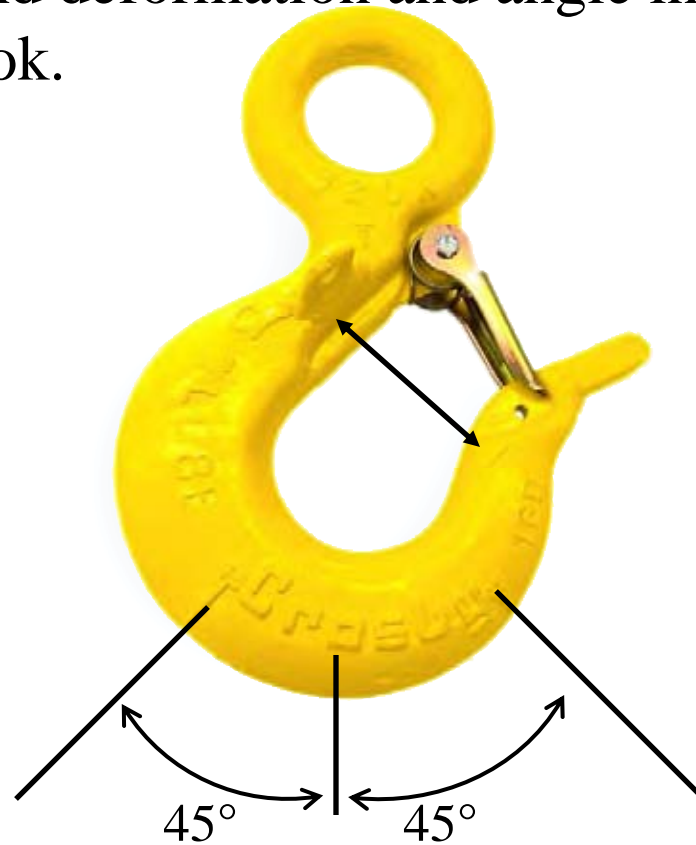
Fatigue Rated



Crosby® ROV Eye Hooks & Shank Hooks

Product Information

- **QUIC-CHECK®** angle indicators forged into the top eye; and deformation and angle indicators forged on the hook.



Crosby® ROV Eye Hooks & Shank Hooks

Product Information

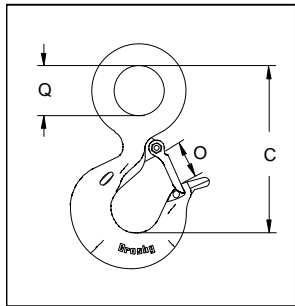
- Heavy duty stamped latch interlocks with the hook tip.
- New integrated latch (S-4320) meets the World class standard for lifting.
- High cycle, long life spring.



Crosby® ROV Eye Hooks

Product Information

Crosby® L320R Eye Hooks are available in 7 standard sizes.



Stock No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)		
			Q	C	O
1298427	3.2	1.01	32	119	28
1298497	5.4	2.04	40	147	35
1298567	8	3.92	51	187	41
1298637	11.5	7.02	62	230	53
1298707	16	10.10	72	256	58
1298777	22	18.40	89	318	77
1298847	31.5	28.10	89	357	93

Stock No.	Working Load Limit (t)*	Weight Each (lbs)	Dimensions (in.)		
			Q	C	O
1298427	3.2	2.0	1.25	4.69	1.09
1298497	5.4	4.0	1.56	5.77	1.36
1298567	8	8.2	2.00	7.37	1.61
1298637	11.5	15	2.44	9.07	2.08
1298707	16	21	2.84	10.08	2.27
1298777	22	38	3.50	12.53	3.02
1298847	31.5	60	3.50	14.07	3.67

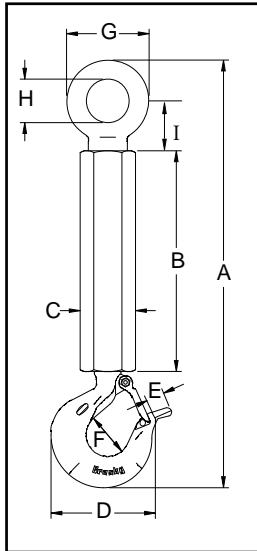
Additional Working Load Limits available for L320R and L562A upon request.

Crosby® ROV Shank Hooks

Product Information



Crosby® L562A ROV Shank Hooks, with 250mm long hexagonal body for easy handling by ROV manipulators, are available in 5 standard sizes.



Stock No.	Working Load Limit (t)*	Hook ID Code	Weight Each (kg)	Dimensions (mm)												
				A	B	C	D	E	F	G	H	M	N	O	Q	R
1297722	5.4	IA	9.5	65	250	421	123	9.9	51	37	-	29	22	35	51	6.4
1297792	11.5	KA	15	65	250	518	192	30	76	57	-	41	32	53	76	9.7
1297806	16	LA	18	65	250	550	212	30	83	66	-	49	35	58	79	9.7
1297862	22	NA	31	85	250	608	263	45	108	76	-	60	40	77	91	19
1298042	31.5	OA	44	85	250	660	346	-	127	92	104	76	48	106	92	19

Stock No.	Working Load Limit (t)*	Hook ID Code	Weight Each (lbs)	Dimensions (in.)												
				A	B	C	D	E	F	G	H	M	N	O	Q	R
1297722	5.4	IA	21	2.56	9.84	16.60	4.84	.39	2.00	1.44	-	1.13	.88	1.36	2.00	.25
1297792	11.5	KA	33	2.56	9.84	20.39	7.54	1.18	3.00	2.26	-	1.63	1.25	2.08	3.00	.38
1297806	16	LA	42	2.56	9.84	21.65	8.34	1.18	3.25	2.60	-	1.94	1.38	2.27	3.11	.38
1297862	22	NA	68	3.35	9.84	23.75	10.34	1.77	4.25	3.01	-	2.38	1.59	3.02	3.58	.75
1298042	31.5	OA	97	3.35	9.84	26.00	13.62	-	5.00	3.62	4.10	3.00	1.89	3.62	4.21	.75

Additional Working Load Limits available for L320R and L562A upon request.

Crosby® ROV Hooks

Product Information

- Hooks are opened remotely by cables (fitted by a Authorized Crosby Distributor) and guided by pad eyes on either side of the hook. Special pad eye positioning available on request.



Crosby® ROV Shackles

Product Information



G209R ROV Shackles offer:

- Capacities 6.5 – 55 Metric Tonnes.
- Fluorescent yellow bow for high visibility subsea.



**G209R
ROV Shackle**

Crosby® ROV Shackles

Product Information

- Hot dip galvanized.
- Forged- Quenched and Tempered, with alloy pins.

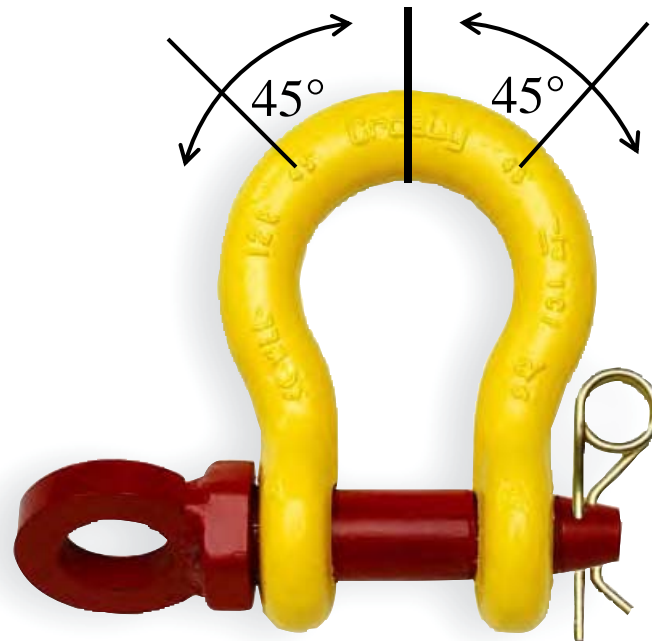


G209R
ROV Shackle

Crosby® ROV Shackles

Product Information

- **QUIC-CHECK®** angle indicators forged on the bow.



G209R
ROV Shackle



Crosby® ROV Shackles

Product Information

- Load rated.
- Fatigue rated.



Fatigue Rated®

**G209R
ROV Shackle**

Load Rated®

Crosby® ROV Shackles

Product Information

- Tapered bolt for easy assembly.



Crosby® ROV Shackles

Product Information

Stock No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
			A	B	C	H	L	O	P	S	T
1020872	6-1/2	1.79	36.6	25.4	84.0	148	102	50	58	17	10
1020902	8-1/2	2.28	42.9	28.7	95.5	167	119	50	61	18	10
1020932	9-1/2	3.75	46.0	31.8	108	190	131	70	83	18	12
1020952	12	5.31	51.5	35.1	119	210	146	70	84	23	12
1020972	13-1/2	7.18	57.0	38.1	133	233	162	75	91	23	15
1020992	17	9.43	60.5	41.4	146	254	175	75	93	24	15
1021102	25	15.40	73.0	51.0	178	313	225	90	114	29	17.5
1021125	35	23.70	82.5	57.0	197	348	253	106	132	30	20
1021158	55	44.60	105	70.0	267	453	327	120	145	45	25

Stock No.	Working Load Limit (t)*	Weight Each (lbs)	Dimensions (in.)								
			A	B	C	H	L	O	P	S	T
1020872	6-1/2	3.62	1.44	1.00	3.31	5.83	.50	1.18	2.28	.65	.39
1020902	8-1/2	5.03	1.69	1.13	3.75	6.56	.56	1.18	2.40	.73	.39
1020932	9-1/2	7.41	1.81	1.25	4.25	7.47	.63	2.28	3.27	.75	.47
1020952	12	9.5	2.03	1.38	4.69	8.25	.69	2.28	3.31	.89	.47
1020972	13-1/2	13.53	2.25	1.50	5.25	9.16	.75	2.36	3.58	.91	.59
1020992	17	17.20	2.38	1.63	5.75	10.00	.81	2.36	3.66	1.18	.59
1021102	25	27.78	2.88	2.00	7.00	12.34	1.00	2.16	4.49	1.14	.69
1021125	35	45.00	3.25	2.25	7.75	13.68	1.22	2.60	5.12	1.18	.79
1021158	55	85.75	4.13	2.75	10.50	17.84	1.38	2.76	5.63	1.50	.98



**G209R
ROV Shackle**

