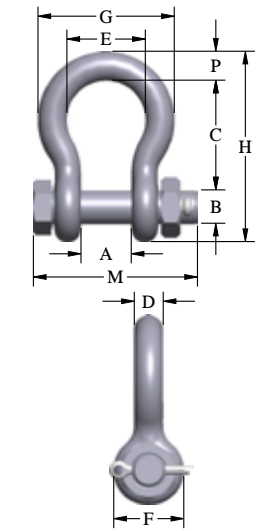


G-2130A Grade 8



- Forged alloy steel, Quenched & Tempered, with bow and bolt.
- Meets or exceeds all requirements of Grade 8 shackles.
- Working Load Limit permanently shown on every shackle.
- Hot-dip galvanized.
- Meets or exceeds all requirements of ASME B30.26, including identification, ductility, design factor, proof load, and temperature requirements. Importantly, G-2130A meet other critical performance requirements, including impact properties, and material traceability not addressed by ASME B30.26.
- Shackles can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification when requested at time of order.
- Type Approval and certification in accordance with DNV 2.7-1 offshore containers.
- Shackles are Quenched & Tempered and meet DNV impact requirements of 42 Joules (31 ft-lb) at -40° C (-40° F).
- G-2130A Bolt Type Anchor shackles with thin head bolt – nut with cotter pin. Meets the performance requirements of Federal Specification RR-C-271H, Type IVA, Grade B, Class 3, except for those provisions required of the contractor.
- These shackles incorporate QUIC-CHECK® angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)



G-2130A Alloy Bolt Type Anchor Shackles Grade 8

Nominal Size (in)	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)												
				A	Tol. A ±	B	C	Tol. C ±	D	E	F	G	H	L	M	N
1/2	2	1219472	.79	.81	.06	.64	1.88	.13	.50	1.31	3.28	1.18	3.28	2.31	2.80	.50
5/8	3.25	1219491	1.37	1.06	.06	.77	2.38	.25	.62	1.69	4.19	1.50	4.19	2.93	3.56	.69
3/4	4.75	1219516	2.71	1.25	.06	.90	2.81	.25	.75	2.00	4.97	1.81	4.97	3.50	4.15	.81
7/8	6.5	1219534	3.95	1.44	.06	1.02	3.31	.25	.88	2.28	5.83	2.10	5.83	4.04	4.82	.97
1	8.5	1219552	5.03	1.69	.06	1.15	3.76	.25	1.00	2.69	6.56	2.38	6.56	4.69	5.39	1.06
1-1/8	9.5	1219578	8.27	1.81	.06	1.25	4.27	.25	1.16	2.91	7.47	2.68	7.47	5.15	5.90	1.25
1-1/4	12	1219598	11.7	2.03	.06	1.41	4.69	.25	1.29	3.26	8.26	3.00	8.26	5.76	6.69	1.38
1-3/8	13.5	1219614	15.8	2.25	.13	1.53	5.22	.25	1.42	3.62	9.16	3.31	9.16	6.38	7.21	1.50
1-1/2	17	1219632	19.0	2.38	.13	1.66	5.76	.25	1.53	3.88	10.0	3.62	10.0	6.94	7.73	1.62

8:1 Design Factor. Maximum Proof Load is 2.5 times the Working Load Limit. For Working Load Limit reduction due to side loading applications, see Warnings & Applications..

Load Rated

Fatigue Rated

TA
TYPE APPROVED

QUIC-CHECK®

Q&T
QUENCHED & TEMPERED

MAXTOUGH®

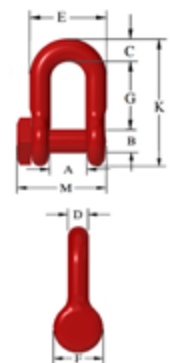
CE

APPLICATION AND WARNING INFORMATION
SECTION 17

S-2131 Trawling Shackles



- Painted Crosby Red.
- Forged, Quenched & Tempered, with alloy pins.
- Working Load Limit permanently shown on every shackle.
- 4 to 1 Design Factor.
- Square pin head for trawling.



S-2131 Trawling Shackles

Size		Stock No.	Weight Each (lb)	Dimensions (in)										
Nominal Size (in)	Working Load Limit (t)			A	Tol. A ±	B	C	D	E	F	G	Tol. G ±	K	M
1/2	2	1018703	.75	.81	.06	.63	.50	.50	1.81	1.19	1.63	.13	3.03	2.22
5/8	3.25	1018721	1.23	1.06	.06	.75	.63	.63	2.30	1.50	2.01	.13	3.78	2.76
3/4	4.75	1018749	2.18	1.25	.06	.88	0.75	.75	2.76	1.81	2.38	.25	4.53	3.25
7/8	6.5	1018767	3.29	1.44	.06	1.00	0.88	.88	3.19	2.13	2.81	.25	5.31	3.68
1	8.5	1018785	5.01	1.69	.06	1.13	1.00	1.02	3.68	2.38	3.19	.25	5.94	4.25

4:1 Design Factor.