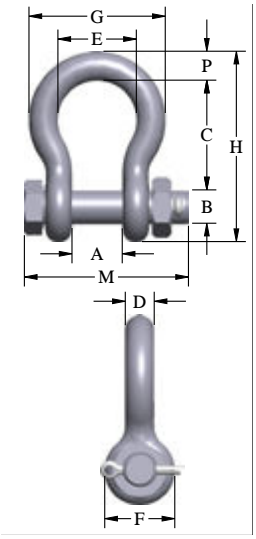
G-2130A
Grade 8



- 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.



G-2130A Alloy Bolt Type Anchor Shackles Grade 8

Nominal Size (in)	Working Load Limit (t)*	Stock No.	Weight Each (kg)	Dimensions (mm)													
				A	Tol. A ±	B	C	Tol. C ±	D	E	F	G	H	L	M	N
1/2	2	1219472	.36	21	1.5	16	48	3.3	13	33	30	83	83	59	71	13
5/8	3.25	1219491	.62	27	1.5	20	61	6.4	16	43	38	106	106	74	90	18
3/4	4.75	1219516	1.23	32	1.5	23	72	6.4	19	51	46	126	126	89	105	21
7/8	6.5	1219534	1.79	37	1.5	26	84	6.4	22	58	53	148	148	103	122	25
1	8.5	1219552	2.28	43	1.5	29	96	6.4	25	68	61	167	167	119	137	27
1-1/8	9.5	1219578	3.75	46	1.5	32	108	6.4	30	74	68	190	190	131	150	32
1-1/4	12	1219598	5.31	52	1.5	36	119	6.4	33	83	76	210	210	146	170	35
1-3/8	13.5	1219614	7.17	57	3.3	39	133	6.4	36	92	84	233	233	162	183	38
1-1/2	17	1219632	8.62	61	3.3	42	146	6.4	39	99	92	254	254	176	196	41

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..

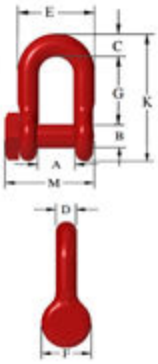
Load Rated · Fatigue Rated · TA TYPE APPROVED · QUIC-CHECK · Q&T QUENCHED & TEMPERED · MAXTOUGH · CE

APPLICATION AND WARNING INFORMATION SECTION 17

S-2131



- 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 (kg)	Dimensions (mm)										
Nominal Size (in)	Working Load Limit (t)			A	Tol. A ±	B	C	D	E	F	G	Tol. G ±	K	M
1/2	2	1018703	.34	20.6	1.50	16.0	12.7	12.7	46.0	30.2	41.4	3.30	77.0	56.5
5/8	3.25	1018721	.56	27.0	1.50	19.1	16.0	16.0	58.5	38.1	51.0	3.30	96.0	70.0
3/4	4.75	1018749	.99	31.8	1.50	22.4	19.1	19.1	70.0	46.0	60.5	6.35	115.0	82.5
7/8	6.5	1018767	1.49	36.6	1.50	25.4	22.4	22.4	81.0	54.0	71.5	6.35	135.0	93.5
1	8.5	1018785	2.27	42.9	1.50	28.7	25.4	26.0	93.5	60.5	81.0	6.35	151.0	108.0

4:1 Design Factor.

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