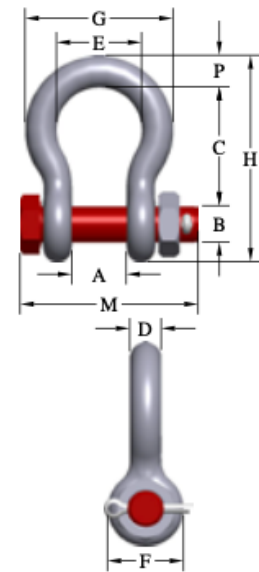


Towing Shackles

- Working Load Limit and Grade 6 permanently shown on every shackle.
- Forged, Quenched & Tempered, with alloy bolts.
- Hot-dip galvanized (G) or self colored (S). 85, 120, and 150-metric ton shackles are all hot-dip galvanized bows and the bolts are Dimetcoated® and painted red.
- Sizes 3/8 and below are mechanically galvanized.
- Fatigue rated to 20,000 cycles at 1-1/2 times the Working Load Limit (1/3t - 55t).
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- Meets or exceeds all requirements of ASME B30.26.
- Shackles 85 metric tons and larger are individually proof tested to 2.0 times the working load limit.
- Type Approval certification in accordance with ABS Marine Vessel Rules, ABS Mobile Offshore Units, and ABS Guide for the Certification of Lifting Appliances available. Certificates available when requested at time of order and may include additional charges.
- 3.1 Certification as standard available for charpy and statistical proof test from 3.25t up to 25 tons to DNV 2.7-1 and EN13889.
- Crosby 3.25t through 25t G-2130OC anchor shackles are type approved to DNV Certification Notes 2.7-1- Offshore Containers. These Crosby shackles are statistical proof and impact tested to 42 Joules (31 ft-lb) min. avg. at -20° C (-4° F). The tests are conducted by Crosby and 3.1 test certification is available upon request.
- All other 2130 shackles can meet charpy requirements of 42 Joules (31 ft-lb) avg at -20° C (-4° F) when requested at time of order.
- Meets the performance requirements of Federal Specification RR-C-271, Type IVA, Grade A, Class 3, except for those provisions required of the contractor.
- Meets all performance and design requirements of ISO 2415.
- These shackles incorporate QUIC-CHECK® angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)
- Look for the Red Pin®... the mark of genuine Crosby quality.



G-2130



Bolt Type Anchor Shackles

Nominal Size (in)	Working Load Limit (t)	Weight Each (kg)	A	Tol. A ±	B	C	Tol. C ±	D	E	F	G	H	M	P
3/16	1/3 ‡	0.03	10	1.5	6	22	-	5	15	14	25	37	33	5
1/4	1/2	0.05	12	1.5	8	29	1.5	6	20	16	33	47	40	6
5/16	3/4	0.10	14	1.5	10	31	1.5	8	21	19	37	53	46	8
3/8	1	0.15	17	1.5	11	37	1.5	10	26	23	46	64	55	10
7/16	1 1/2	0.22	19	1.5	13	43	3.3	11	30	27	52	74	64	11
1/2	2	0.36	21	1.5	16	48	3.3	13	33	30	59	84	71	13
5/8	3 1/4	0.76	27	1.5	20	61	3.3	16	43	38	75	106	90	18
3/4	4 3/4	1.23	32	1.5	23	72	3.3	19	51	46	89	126	105	21
7/8	6 1/2	1.79	37	1.5	26	84	6.4	22	58	53	103	148	122	25
1	8 1/2	2.57	43	1.5	29	96	6.4	25	68	61	119	167	137	27
1-1/8	9 1/2	3.75	46	1.5	32	108	6.4	30	74	69	131	190	150	32
1-1/4	12	5.31	52	1.5	36	119	6.4	33	83	76	146	210	170	35
1-3/8	13 1/2	7.18	57	3.3	39	133	6.4	36	92	84	162	233	183	38
1-1/2	17	8.62	61	3.3	42	146	6.4	39	99	92	176	254	196	41
1-3/4	25	15.4	73	3.3	52	176	6.4	47	127	106	226	313	245	57
2	35	23.7	83	3.3	59	197	6.4	53	146	122	258	347	274	61
2-1/2	55	46.3	105	6.4	71	267	6.4	69	184	148	324	455	344	80
3	† 85	83.8	127	6.4	84	330	6.4	79	200	165	371	546	384	92
3-1/2	† 120 ‡	120	133	6.4	96	371	6.4	92	229	203	432	632	432	111
4	† 150 ‡	153	140	6.4	108	368	6.4	102	254	229	457	652	457	116

