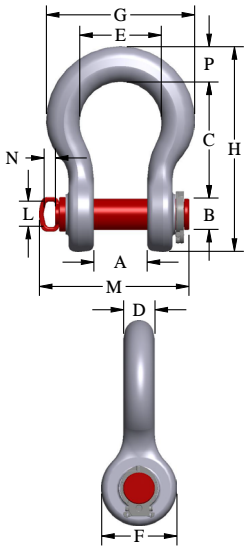
G-2140E





- Quenched & Tempered.
- Alloy bows, alloy bolts.
- Meets performance requirements of Grade 8 shackles.
- Working Load Limit is permanently shown on every shackle.
- Forged alloy steel.
- 30, 40, 55, and 85 metric ton shackle bows are available galvanized (G) with bolts that are galvanized and painted red.
- 120, 150, 175 metric ton shackle bows are hot-dip galvanized; bolts are Dimetcoted and painted red.
- 200 and 250 metric ton shackle bows are Dimetcoted®; Pins are Dimetcoted and painted red.
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- Shackles are Quenched & Tempered and can meet DNV impact requirements of 42 Joules (31 ft-lb) at -20° C (-4° F).
- All sizes are individually proof tested to 2.0 times the Working Load Limit.
- Shackles 200 metric tons and larger are provided as follows:
  - Serialized bolt and bow.
  - Material certification (chemical).
  - Magnetic particle inspected.
  - Certification must be requested at time of order.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these shackles meet other critical performance requirements including impact properties and material traceability, not addressed by ASME B30.26.
- Type Approval certification in accordance with ABS 2016 Steel Vessel Rules and 2016 ABS Guide for Certification of Lifting Appliances. Certificates available when requested at time of order and may include additional charges.
- G-2140E 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.)
- Look for the Red Pin®... the mark of genuine Crosby quality.

G-2140E Alloy Easy-Loc® Shackles

Nominal Shackle Size (in)	Working Load Limit (t)	Stock No.	Weight Each (kg)	Dimensions (mm)														Replacement EZ-Loc Collar Stock No.	Replacement Bolt Kit Stock No.
				A	Tol. A ±	B	C	Tol. C ±	D	E	F	G	H	L	M	N	P		
1 -1/2	30	1021599	8	60	3.3	42	146	6.4	39	99	92	177	254	-	196	-	41	1025782	1087745
1 -3/4	40	1021608	15	73	3.3	52	181	6.4	47	127	106	225	316	-	246	-	57	1025791	1087754
2	55	1021617	22	83	3.3	59	197	6.4	53	146	122	258	347	-	275	-	61	1025791	1087764
2 -1/2	85	1021626	45	105	6.4	71	267	6.4	69	184	148	324	455	-	343	-	79	1025800	1087772
3	120	1021635	71	127	6.4	84	330	6.4	79	200	165	372	546	-	384	-	92	1025819	1087781
3 -1/2	150	1021644	116	133	6.4	96	371	6.4	92	229	203	432	632	102	507	46	111	1025810	1087790
4	175	1021653	139	140	6.4	108	368	6.4	102	254	229	457	652	102	523	46	116	1025828	1087799
4-3/4	200	1021475	208	184	6.4	121	386	6.4	121	279	267	516	712	102	584	46	127	1025837	1087603
5	250	1021484	271	216	6.4	127	470	6.4	127	330	305	600	829	102	606	46	143	1025837	1087612

5.4:1 Design Factor for sizes 30 through 175 metric tons. 4:1 Design Factor for 200 through 250 metric tons. Maximum Proof Load is 2 times the Working Load Limit.†Furnished with round head bolts with a handle. For Working Load Limit reduction due to side loading applications, see Warnings & Applications.

APPLICATION AND WARNING INFORMATION
SECTION 17

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