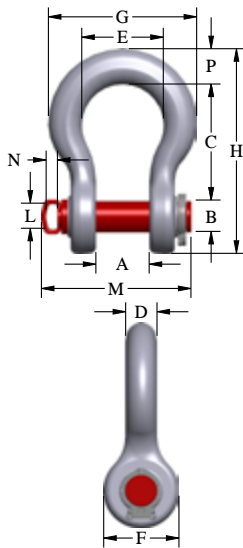


**G-2140E**



- 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 Dimetcoated and painted red.
- 200 and 250 metric ton shackle bows are Dimetcoated®; Pins are Dimetcoated and painted red.
- Approved for use at -40° F (-40° C) to 400° F (204° C).
- Shackles are Quenched & Tempered and can meet DNV impact requirements of 31 ft-lb (42 Joules) at -4° F (-20° C).
- 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.
- Look for the Red Pin®... the mark of genuine Crosby quality.

## G-2140E Alloy Easy-Loc® Shackles

| Nominal<br>Shackle<br>Size<br>(in) | Working<br>Load<br>Limit<br>(t) | Stock<br>No. | Weight<br>Each<br>(lb) | Dimensions<br>(in) |             |      |       |             |      |       |       |       |       |      |       |      |      |         | Replacement<br>EZ-Loc Collar<br>Stock No. | Replacement<br>Bolt Kit<br>Stock No. |
|------------------------------------|---------------------------------|--------------|------------------------|--------------------|-------------|------|-------|-------------|------|-------|-------|-------|-------|------|-------|------|------|---------|-------------------------------------------|--------------------------------------|
|                                    |                                 |              |                        | A                  | Tol.<br>A ± | B    | C     | Tol.<br>C ± | D    | E     | F     | G     | H     | L    | M     | N    | P    |         |                                           |                                      |
| 1 -1/2                             | 30                              | 1021599      | 19                     | 2.38               | .13         | 1.66 | 5.76  | .25         | 1.53 | 3.88  | 3.62  | 6.98  | 10.00 | -    | 7.73  | -    | 1.62 | 1025782 | 1087745                                   |                                      |
| 1 -3/4                             | 40                              | 1021608      | 34                     | 2.88               | .13         | 2.03 | 7.11  | .25         | 1.84 | 5.00  | 4.19  | 8.84  | 12.45 | -    | 9.68  | -    | 2.25 | 1025791 | 1087754                                   |                                      |
| 2                                  | 55                              | 1021617      | 49                     | 3.25               | .13         | 2.31 | 7.75  | .25         | 2.08 | 5.75  | 4.81  | 10.15 | 13.68 | -    | 10.81 | -    | 2.40 | 1025791 | 1087764                                   |                                      |
| 2 -1/2                             | 85                              | 1021626      | 100                    | 4.12               | .25         | 2.81 | 10.50 | .25         | 2.71 | 7.24  | 5.81  | 12.75 | 17.90 | -    | 13.52 | -    | 3.12 | 1025800 | 1087772                                   |                                      |
| 3                                  | 120                             | 1021635      | 156                    | 5.00               | .25         | 3.30 | 13.00 | .25         | 3.12 | 7.88  | 6.50  | 14.63 | 21.50 | -    | 15.13 | -    | 3.63 | 1025819 | 1087781                                   |                                      |
| 3 -1/2                             | 150                             | 1021644      | 256                    | 5.25               | .25         | 3.76 | 14.62 | .25         | 3.63 | 9.02  | 8.00  | 17.00 | 24.88 | 4.00 | 19.95 | 1.80 | 4.38 | 1025810 | 1087790                                   |                                      |
| 4                                  | 175                             | 1021653      | 306                    | 5.50               | .25         | 4.26 | 14.50 | .25         | 4.00 | 10.00 | 9.00  | 18.00 | 25.68 | 4.00 | 20.58 | 1.80 | 4.56 | 1025828 | 1087799                                   |                                      |
| 4-3/4                              | 200                             | 1021475      | 458                    | 7.25               | .25         | 4.76 | 15.18 | .25         | 4.75 | 11    | 10.50 | 20.30 | 28.03 | 4    | 23.01 | 1.8  | 5.00 | 1025837 | 1087603                                   |                                      |
| 5                                  | 250                             | 1021484      | 597                    | 8.50               | .25         | 5.01 | 18.50 | .25         | 5.00 | 13    | 12.00 | 23.63 | 32.63 | 4    | 23.84 | 1.8  | 5.63 | 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.

