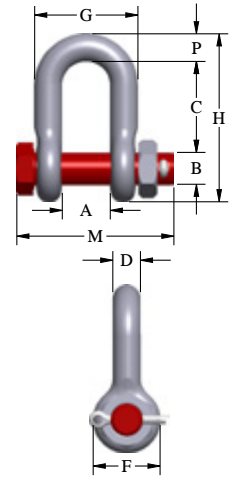


## G-2150



- Working Load Limit and Grade 6 permanently shown on every shackle.
- Forged, Quenched & Tempered, with alloy pins.
- Hot-dip galvanized. 85 ton shackles have hot-dip galvanized bows and the bolts are Dimetcoated® and painted red.
- Sizes 3/8 inch and below are mechanically galvanized.
- Fatigue rated to 20,000 cycles at 1-1/2 times the Working Load Limit. (1/2t - 55t).
- Approved for use at -40° C (-40 degrees F) to 204° C (400° F).
- Meets or exceeds all requirements of ASME B30.26.
- Sizes 1/2 - 25t meet the performance requirements of EN13889:2003.
- Shackles 55 metric tons and smaller 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 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.
- Meets the performance requirements of Federal Specification RR-C-271, Type IVB, Grade A, Class 3, except for those provisions required of the contractor.
- All 2150 shackles can meet charpy requirements of 42 Joules (31 ft-lb) avg at -20° C (-4° F) upon special request.
- Look for the Red Pin®... the mark of genuine Crosby quality.



## G-2150 Bolt Type Chain Shackles

| Nominal Size (in) | Working Load Limit (t)* | Stock No. | Weight Each (kg) | Dimensions (mm) |          |    |     |          |    |     |     |     |     |    | Replacement Bolt Stock No. |
|-------------------|-------------------------|-----------|------------------|-----------------|----------|----|-----|----------|----|-----|-----|-----|-----|----|----------------------------|
|                   |                         |           |                  | A               | Tol. A ± | B  | C   | Tol. C ± | D  | F   | G   | H   | M   | P  |                            |
| 1/4               | 1/2                     | 1019768   | .06              | 12              | 1.5      | 8  | 22  | 1.5      | 6  | 16  | 25  | 40  | 40  | 6  | -                          |
| 5/16              | 3/4                     | 1019770   | .10              | 14              | 1.5      | 10 | 26  | 1.5      | 8  | 19  | 29  | 49  | 46  | 8  | -                          |
| 3/8               | 1                       | 1019772   | .15              | 17              | 1.5      | 11 | 32  | 3.3      | 10 | 23  | 36  | 59  | 55  | 10 | -                          |
| 7/16              | 1 1/2                   | 1019774   | .22              | 19              | 1.5      | 13 | 37  | 3.3      | 11 | 27  | 41  | 68  | 64  | 11 | -                          |
| 1/2               | 2                       | 1019775   | .34              | 21              | 1.5      | 16 | 41  | 3.3      | 13 | 30  | 46  | 77  | 71  | 13 | -                          |
| 5/8               | 3 1/4                   | 1019793   | .67              | 27              | 1.5      | 20 | 51  | 3.3      | 16 | 38  | 59  | 96  | 90  | 16 | -                          |
| 3/4               | 4 3/4                   | 1019819   | 1.14             | 32              | 1.5      | 23 | 61  | 6.4      | 19 | 46  | 70  | 115 | 105 | 21 | -                          |
| 7/8               | 6 1/2                   | 1019837   | 1.75             | 37              | 1.5      | 26 | 71  | 6.4      | 22 | 53  | 81  | 135 | 122 | 25 | -                          |
| 1                 | 8 1/2                   | 1019855   | 2.52             | 43              | 1.5      | 29 | 81  | 6.4      | 25 | 61  | 94  | 151 | 137 | 25 | -                          |
| 1-1/8             | 9 1/2                   | 1019873   | 3.45             | 46              | 1.5      | 32 | 90  | 6.4      | 29 | 68  | 103 | 172 | 150 | 32 | 1082839                    |
| 1-1/4             | 12                      | 1019891   | 4.90             | 52              | 1.5      | 36 | 100 | 6.4      | 32 | 76  | 115 | 191 | 170 | 35 | 1082857                    |
| 1-3/8             | 13 1/2                  | 1019917   | 6.24             | 57              | 3.3      | 39 | 111 | 6.4      | 35 | 84  | 127 | 210 | 183 | 38 | 1082875                    |
| 1-1/2             | 17                      | 1019935   | 7.72             | 61              | 3.3      | 42 | 122 | 6.4      | 38 | 92  | 137 | 230 | 196 | 41 | 1082893                    |
| 1-3/4             | 25                      | 1019953   | 14.2             | 73              | 3.3      | 52 | 146 | 6.4      | 45 | 106 | 162 | 279 | 245 | 54 | 1082919                    |
| 2                 | 35                      | 1019971   | 21.2             | 83              | 3.3      | 59 | 171 | 6.4      | 53 | 127 | 184 | 324 | 274 | 60 | 1082937                    |
| 2-1/2             | 55                      | 1019999   | 38.6             | 105             | 6.4      | 71 | 203 | 6.4      | 67 | 144 | 238 | 377 | 344 | 67 | 1082955                    |
| 3                 | † 85                    | 1020013   | 56.4             | 127             | 6.4      | 84 | 216 | 6.4      | 76 | 165 | 279 | 428 | 384 | 89 | 1084449                    |

6:1 Design Factor. Maximum Proof Load is 2 times the Working Load Limit. For Working Load Limit reduction due to side loading applications, see Warnings & Applications.

† Individually Proof Tested with certification.

Load Rated

Fatigue Rated

TA  
TYPE APPROVED

QUIC-CHECK®

Q&T  
QUENCHED & TEMPERED

MAXTOUGH®

CE

APPLICATION AND WARNING INFORMATION  
SECTION 17