

Features

- Manufactured by Crosby
- Bow shackles from 0.3te to 400te
- D shackles from 0.5te to 85te
- Quenched and Tempered
- Alloy bolts and bows
- Buy as an accessory with or without our link load cells.
- Supplied with full Crosby traceability.

Typical Applications

- Link load cell accessory
- Lifting and pulling
- Tension test rigs
- Tension stay termination
- Entertainment rigging

Description

G2130 Bow Shackle & G2150 D Shackle

- Capacities 1/3 thru 150 metric tons, grade 6.
- Working Load Limit and grade "6" permanently shown on every shackle.
- Forged — Quenched and Tempered, with alloy pins.
- Hot Dip galvanized or Self Colored. (85, 120, and 150-metric ton shackles are all hot dip galvanized bows and the bolts are Dimetcoated® and painted red)
- Fatigue rated (1/3t - 55t).
- Shackles 25t and larger are RFID EQUIPPED.
- Approved for use at -40 degree C (-40 degree F) to 204 degree C (400 degree F).
- 2t through 25t bow and bolt are Certified to meet charpy impact testing of 42joules (31 ft-lbs.) min. ave. at -20 degree C (-4 degree F)
- Meets or exceeds all requirements of ASME B30.26.
- Sizes 1/2t-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.
- Shackles 120 metric tons and larger are proof tested, Magnetic Particle Inspected and provided with Serialized Pin and Bow.
- Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules 1-1-17.7, and ABS Guide for Certification of Cranes.
- 3.1 Certification as standard available for charpy and statistical proof test up to 25 tons to DNV2.7-1 and EN13889.
- Crosby 2t through 25t G2130 anchor shackles are type approved to DNV Certification
- Notes 2.7-1- Offshore Containers. These Crosby shackles are statistical proof and impact tested. The tests are conducted by Crosby and 3.1 test certification is available upon request..
- All other 2130 and all 2150 shackles can meet charpy requirements of 42 joules (31 ft-Lbs) avg at -20 degree C (-4 degree F) upon special request.
- Look for the Red Pin® . . . the mark of genuine Crosby quality.

G2140 Bow Shackle

- Quenched and Tempered.
- Alloy bows, Alloy bolts.
- Forged Alloy Steel 30 thru 175 metric tons. Cast Alloy Steel 200 thru 400 metric tons. Meets performance requirements of Grade 8 shackles.
- Working Load Limit is permanently shown on every shackle.
- 30, 40, 55, and 85 metric ton shackle bows are available galvanized or self colored with pins that are galvanized and painted red. 120, 150, 175 metric ton shackle bows are hot-dip galvanized; pins are Dimetcoated® and painted red. 200, 250, 300 and 400 metric ton shackle bows are Dimetcoated®; pins are Dimetcoated® and painted red.
- All sizes are RFID EQUIPPED.
- Approved for use at -40 degree C (-40 degree F) to 204 degree C (400 degree F).
- Shackles are Quenched and Tempered and can meet DNV impact requirements of 42 joules (31 ft-lbs.) at -20 degree C (-4 degree 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 Pin 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 fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules 1-1-17.7, and ABS Guide for Certification of Cranes.
- Look for the Red Pin® . . . the mark of genuine Crosby quality.

G2130
Bolt Anchor Shackle



G2150
Bolt Anchor Shackle



G2140
Bolt Anchor Shackle



