

# DO NOT BE FOOLED...

Into thinking strength is the only characteristic of a quality shackle.

When selecting the proper shackle to meet your demanding applications, think **OVERALL PERFORMANCE.**

At a minimum, the Federal Specification requires that all shackles must have the strength to lift to their rated capacity.

But to be a Crosby carbon steel shackle, as well as other forged Crosby products, strength is just one of the performance requirements that must be met before our name goes on the product.

Crosby shackles provide the following essential performance characteristics that allow you the **peace of mind** required when making a critical lift.

- Meets the industry standards for Working Load Limit (Strength).
- If overloaded, deforms to give warning before ultimate failure (Ductility).
- Resistance to crack initiation and growth at all temperatures (Toughness).
- Has the ability to withstand repeated applications of the load (Fatigue).

**MAXTOUGH™**

**Fatigue Tested**

#### Additional Features:

- Forged - Quenched and Tempered, with alloy pins or bolts.
- Can meet DNV impact requirements of 42 joules at - 20C.
- Crosby screw pin and bolt type carbon shackles have Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules 1-1-17.7, and ABS Guide for Certification of Cranes.
- RFID Equipped - 25 metric tons and larger.



Look for the Red Pin®, the mark of genuine Crosby quality.

**Crosby Shackles, the Market Leader Yesterday, Today and Tomorrow.**

**the Crosby group, INC.**

[www.thecrosbygroup.com](http://www.thecrosbygroup.com)