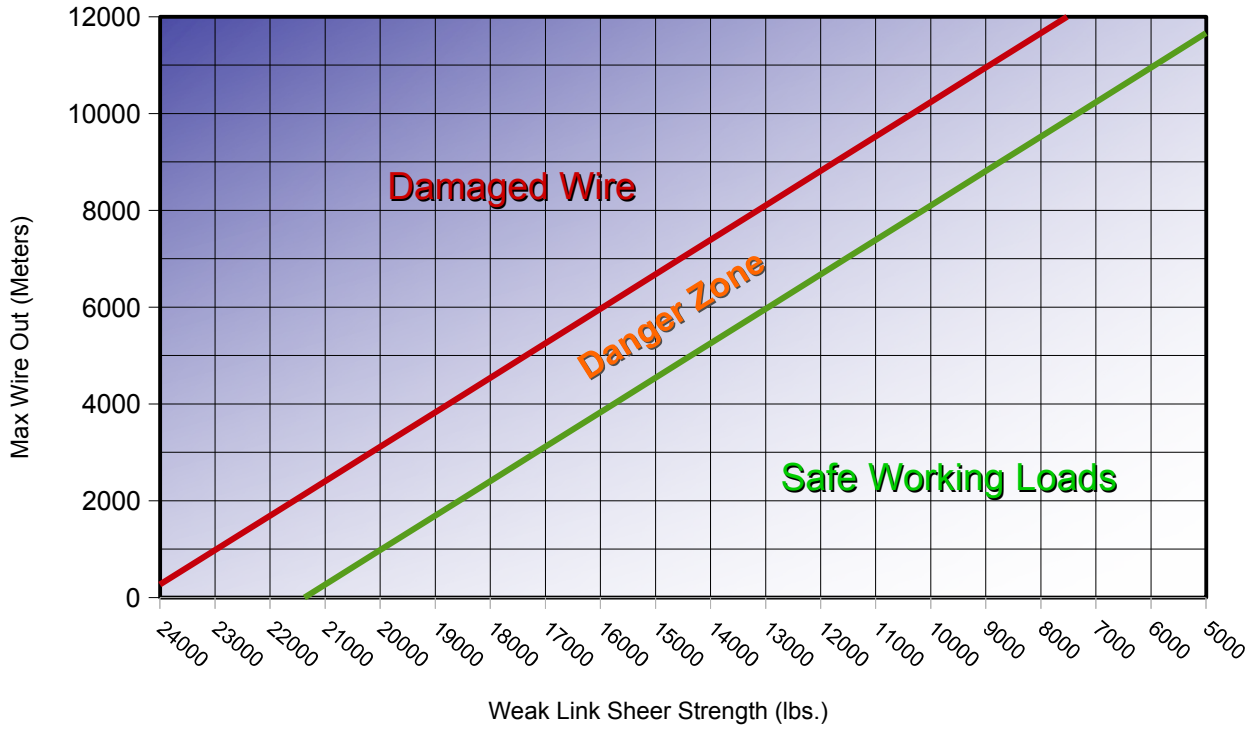
For 3 x 19 – 9/16" Right Hand Lay Torque Balanced Wire

(With Elastic Limit of 24,375 lbs.)



The Elastic Limit of this wire is 24,375 lbs. Tensions above this limit will cause permanent damage to the wire.

When determining what strength weak link sheer pin to use, you must determine how much wire weight will be experienced. First determine to the maximum amount of wire you expect to pay out. The closer your estimate to the actual amount of wire paid out the better.

The weight of this wire in water is 1.4042 lbs/meter.

3000 lbs is used as a safety buffer. Getting withing 3000 lbs of the Elastic Limit is considered the "Danger Zone"

The formula used to determine sheer pin strength is:

Pin=24375-3000-(1.4042 x MaxWireOut)

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Tables by Josh Manger, May 2016.
Updated from Tables by Ron Comer and John Boaz, May 1985; revised by G.P. and T.E. April 2001