

## **Thread Restorer from a Bolt**

**Jon Darrow**

Ever have a thread in a nut or a part that was damaged and no tap to fix it? This is common problem if the thread is an odd size or metric. A quick fix is to use the bolt that needs to thread into the hole as a thread restorer. It is best if the bolt is a grade 5 or better. Take the bolt to the grinder or use file if you don't have a grinder. Grind or file a relief right of centerline. Hold the bolt a 45-degree angle and grind down below the root of the thread. Insert into the threaded hole careful to start square and the groove will repair the damage thread in the same way a tap does.