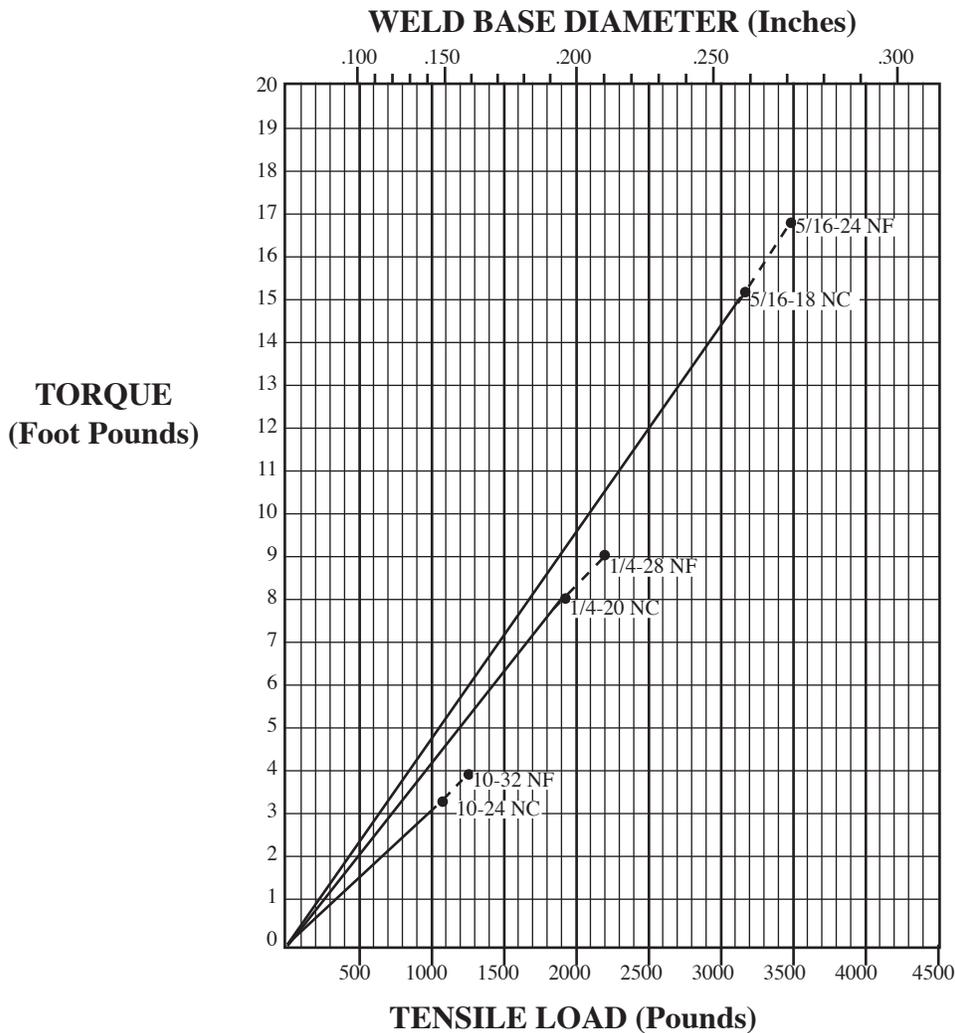


MIDWEST FASTENERS, INC. WELDED STEEL ARC STUDS TENSILE & TORQUE STRENGTHS



Graphs are based on 60,000 psi strength steel.

Of course, in actual practice, a stud should never be used at its yield load. A factor of safety must be applied. It is generally recommended that studs be used at no more than 60% of yield. However, the factor of safety may vary up or down, depending of the particular application. The user will make this determination. If further assistance is needed, contact MIDWEST FASTENERS Customer Service Department.

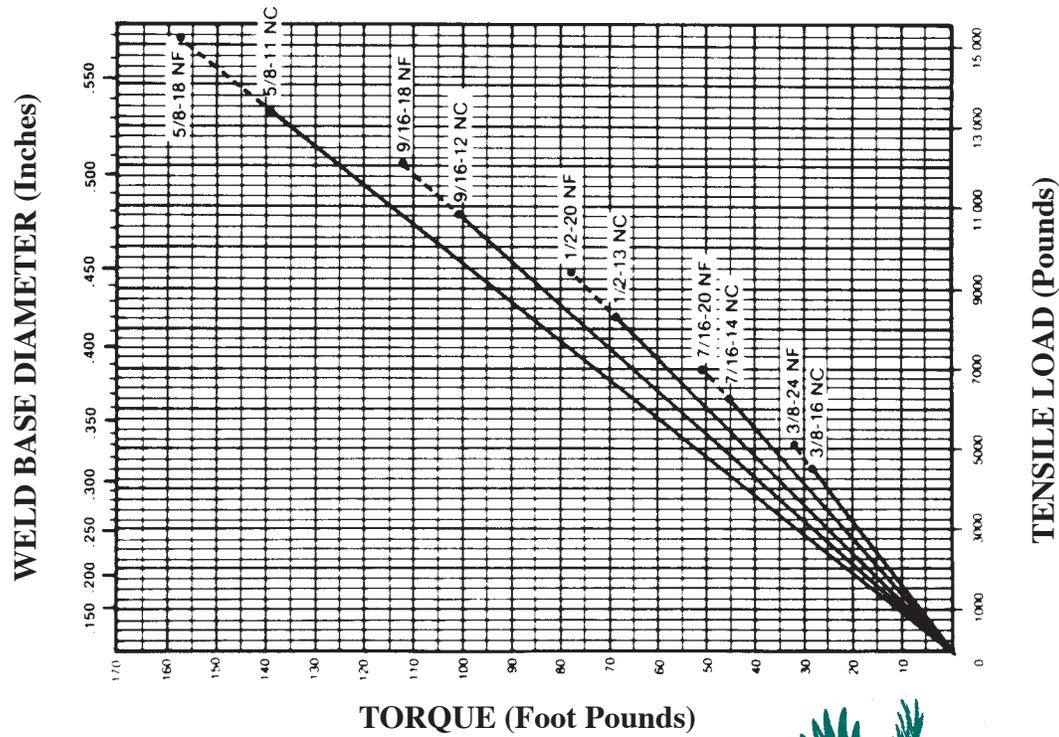
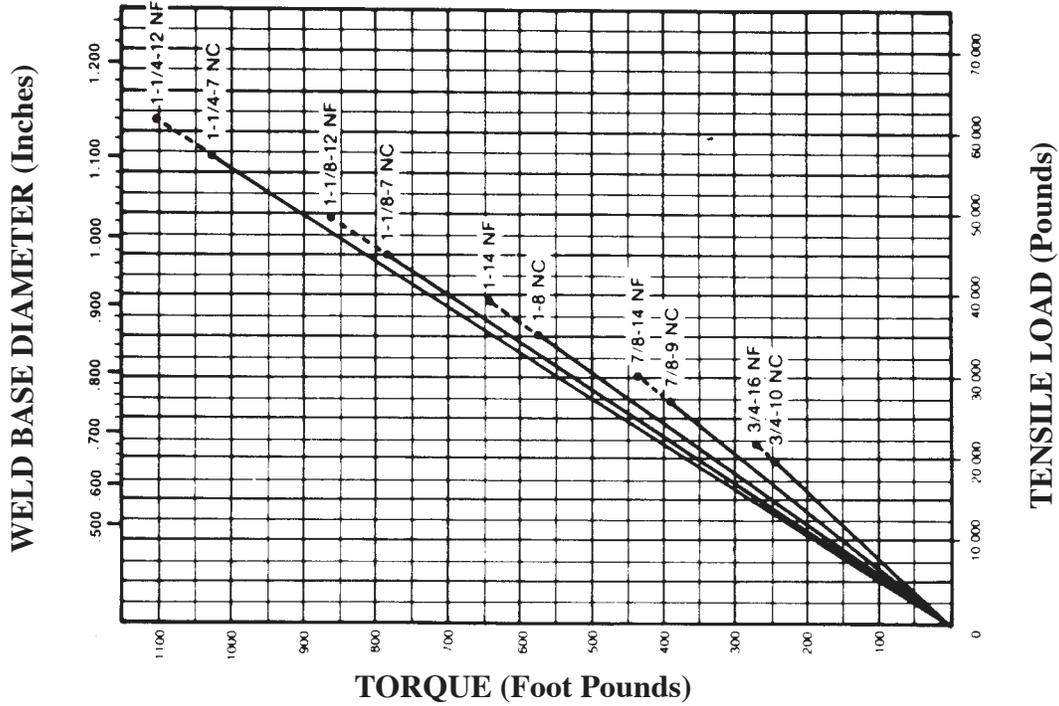
Scale along the top of each graph represents weld base diameter in inches, while the one at the graph's bottom edge shows tensile load in pounds. A separate line is plotted for each thread diameter. The solid portion of each line terminates at a small dot which represents the tensile yield of the national course thread. A dashed line is then extended to a second dot at the tensile yield load of the national fine thread.



450 Richard St.
Miamisburg, OH 45342
Toll Free: 800-852-8352
Fax: 937-866-4174

www.midwestfasteners.com

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