

Appendix K: Experimental Load / Experimental Load with NDS® Pilot Hole vs. Pilot Hole / Lag Screw Diameter

Appendix K contains graphs, which show comparisons between the ratio of pilot hole / lag screw diameter to the ratio of experimental load based on actual pilot hole / experimental load with NDS® pilot hole, where load is either connection capacity or 5% offset yield load. Additionally, each graph's vertical error bars depict one standard deviation of load. Experimental with on NDS® pilot indicates the load achieved during testing of connections, which used pilot holes based on requirements. Graphs are simply normalized Appendix H figures. Normalization was achieved by dividing the tested load results for all connections groups, which used the same lag screw diameter (e.g., Groups 2, 4 and 5) by the load achieved by the connection, which used the NDS® conforming pilot hole (e.g., Group 4).

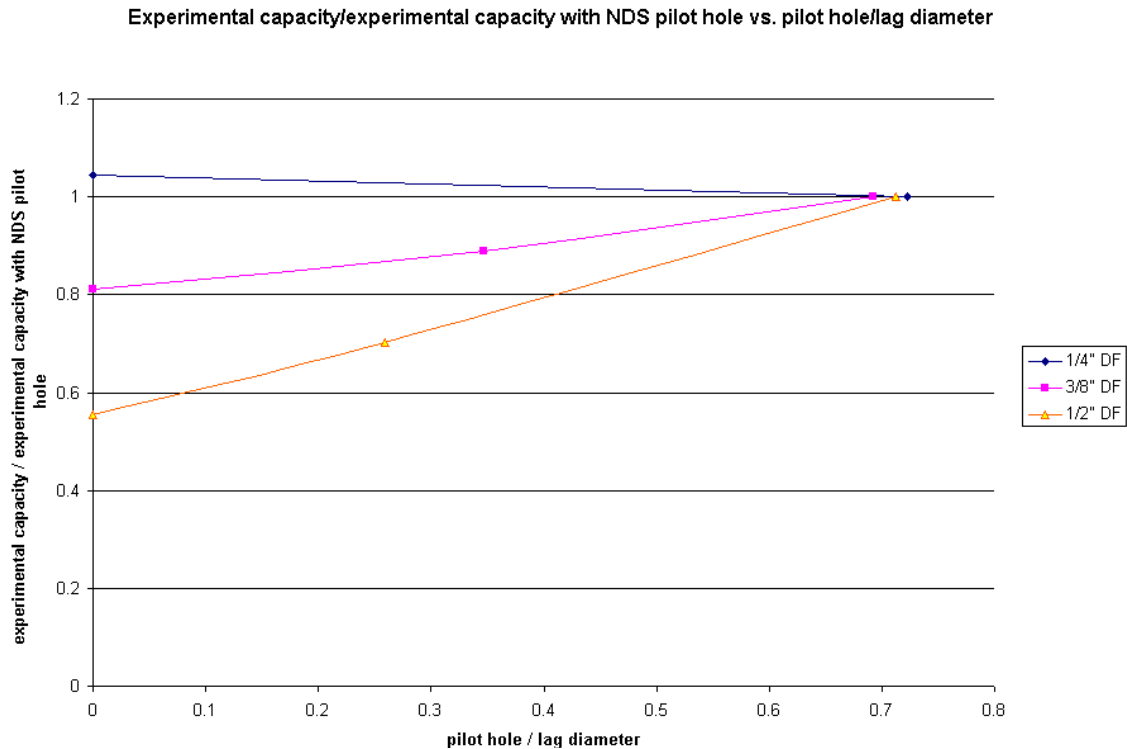


Figure K: Typical Experimental load / Experimental load with NDS® pilot hole vs. pilot hole / lag screw diameter graph