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MEMORANDUM

Date: April 19, 2007

Subject: Pullout & Slip Design Loads of 7/8" – 9 Channel Nuts

From: Unistrut Engineering

Though Unistrut manufactures 7/8" -9 channel nuts (P/N's P1024 & P1024S), design loads have never been published. The physical dimensions and yield strength of the 7/8"-9 channel nuts meet or exceed those for 3/4" – 10 channel nuts. Additionally, when tested, the design torque (125 ft-lbs) is the same for both 7/8" – 9 and 3/4" – 10 channel nuts.

Therefore, the design pullout and slip loads for 7/8" – 9 channel nuts are the same as the published loads for 3/4" – 10 channel nuts.

Design torque for 7/8" – 9 channel nuts is 125 ft-lbs.



Columbia-MBF



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