

## MEMORANDUM

**Date:** June 20, 2006  
**Subject:** Channel Nut & Bolt Torque Values  
**From:** David J. Jeltos  
Sales Engineering Manager

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The following torque values shall be used for Unistrut channel nuts and bolts.

Bolt Size	Design	Maximum
	(ft-lbs)	(ft-lbs)
1/4" - 20	6	7
5/16" - 18	11	15
3/8" - 16	19	25
7/16" - 14	35	43
1/2" - 13	50	70
5/8" - 11	100	125
3/4" - 10	125	135
7/8" - 9	125	135

**Rule of Thumb:** From a snug tight condition, a full turn of the bolt will approximately result in the Design Torque Value. However, a torque wrench should be used to verify final torque meets the above requirements.