

SPECIFICATION

Roadside Safety Devices

Designator: **TFNX20b**

Description: **HIGH STRENGTH
STRUCTURAL HEX NUT**

Manitoba 
**Infrastructure and
Transportation**

Traffic Engineering

The dimensions and tolerances of High Strength Structural Hex Nut shall conform to ANSI B1.2.4.6M for Heavy Hex Style nuts. Zinc coated nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 10S nuts and shall bear the identification mark "10S." Corrosion resistant nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 8S3 nuts and shall bear the identification marking "8S3." Threads shall conform to ANSI B1.13M Class 6H. Zinc coated nuts shall be treated according to either AASHTO M232 (ASTM A153) Class C or AASHTO M298 (ASTM B695) Class 50.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices. High Strength Structural Hex Nut may be supplied in the nearest equivalent Imperial, or English, units and corresponding manufacturing specification.

High Strength Structural Hex Nut, when ordered as a separate item, shall be supplied in separate, sturdy, waterproof pails that are either plastic or metal with quantities of 200 in each container. The containers must be suitable for storage outdoors and withstand, for up to 12 months, typical weather conditions and UV exposure that would be expected in Manitoba.

Effective Date: September 1, 2001

Revised Date: May 6, 2014

