

SPECIFICATION

Roadside Safety Devices

Designator: **TFNX24a**

Description: **HEX NUT**

Manitoba 
**Infrastructure and
Transportation**

Traffic Engineering

Zinc coated nuts shall be manufactured according to the dimensions and tolerances included in ANSI B18.2.4.1M Style 1 nuts (shown in drawing). Corrosion resistant nuts shall be manufactured according to the dimensions and tolerances in ANSI B18.2.4.5M for heavy hex nuts (not shown in drawing). Nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 5 nuts. Corrosion resistant nuts shall have geometric properties defined in ANSI B18.2.4.1M but shall have mechanical and material properties conforming to AASHTO M291M (ASTM A563M) for Class 8S3 nuts. 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. Hex Nut may be supplied in the nearest Imperial, or English, units equivalent and corresponding manufacturing specification.

Effective Date: November 13, 2007

Revised Date: January 31, 2011

