

SPECIFICATION

Roadside Safety Devices

Designator: **TFNS20**

Description: **SQUARE NUT**

Manitoba 
**Infrastructure and
Transportation**

Traffic Engineering

Square Nut shall be manufactured according to the procedures and tolerances included in the U.S. Customary unit ANSI B18.2.2 nut specification except that the dimensions shown in this drawing shall be used and the threads shall conform to ANSI B1.13M for Class 6H threads. Nuts shall conform to the requirements of AASHTO M291M (ASTM A563M) for Class 5 nuts. Nuts shall be zinc coated 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. Square Nut may be supplied in the nearest equivalent Imperial, or English, units and corresponding manufacturing specification.

Square 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

