

# SPECIFICATION

Roadside Safety Devices

Designator: **TFRS20a**

Description: **STRAIGHT ANCHOR  
STUD AND NUTS**



Straight Anchor Stud shall conform to AASHTO M314 except that threads and nominal diameters shall conform to ANSI B1.13M for Class 6g threads. Straight Anchor Stud shall conform to AASHTO M314 Grade 36 (400 MPa minimum tensile strength) or AASHTO M314 Grade 55 (517 MPa minimum tensile strength).

Zinc coated anchor studs shall be finished according to either AASHTO M232 (ASTM A153) Class C or AASHTO M298 (ASTM B695) for Class 50.

High Strength Structural Hex Nut shall be manufactured as described in its specification.

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. Straight Anchor Stud and Nut may be supplied in the nearest Imperial, or English, units equivalent and corresponding manufacturing specification.

Straight Anchor Stud and Nuts shall be supplied with one (1) High Strength Hex Nut (TFNX20b) installed on each end of each Straight Anchor Stud a minimum of five revolutions.

Effective Date: September 1, 2001

Revised Date: January 31, 2011

