



**CITY OF AUSTIN
STANDARD PRODUCTS LIST
for
THREADED RESTRAINING RODS (HSLA)**

USING DEPARTMENT: Austin Water **PREPARED BY:** Robert Lamb, P.E. **ISSUED:** 04/01/13
REVISED BY: Jeff A. Kyle, P.E. **REVISED:** 10/01/24

DESCRIPTION: Double end threaded rods and nuts for thrust restraint of mechanical joints shall comply with the following:

1. ASTM A242 high-strength low-alloy steel (HSLA)
2. Conforming to AWWA C111
3. Nuts shall be in accordance with Table 5 of AWWA C111, with dimensions as summarized in Note 2.
4. Rods and nuts shall be coated with a blue fluoropolymer finish.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
04/01/13	BIRMINGHAM FASTENER 931 Avenue W Birmingham, AL 35214	Cor-Blue™ Rods and Nuts	R. Lamb

NOTES:

1. Galvanized and plain carbon steel all-thread rods are unacceptable for this application.
2. Nuts shall have the following dimensions:

Bolt Diameter	Nut / Socket Size	Nut Depth
3/4"	1-1/4"	3/4"
1"	1-5/8"	1"
1-1/4"	2"	1-1/4"

LATEST REVISIONS (since 04/01/13):

1. Updated to new SPL format.
2. Added requirement for blue fluoropolymer coating.
3. Updated PRODUCT IDENTIFICATION/COMMENT for Birmingham Fastener.