



**CITY OF AUSTIN  
STANDARD PRODUCTS LIST**  
for

**TAPPING SLEEVES: STEEL FULL-BODY FOR LINE STOPS ON CSC PIPE**

**USING DEPARTMENT:** Water Utility      **ISSUED:** 10/01/13      **REVIEWED:** 01/01/14      **REVISED:** 01/01/14

**PREPARED BY:** Robert Lamb, P.E.      **CITY STOCK NUMBER:**

**DESCRIPTION:** Sleeves, Tapping, meeting AWWA C223, fabricated from carbon steel meeting ASTM A283 Grade C or ASTM A36, for use on CSC pipe. Sleeves shall have split body that completely surrounds the pipe. Sleeves shall have a flanged outlet conforming to AWWA C207 Class E; gaskets, and grout ports. Outlet flange shall be threaded for completion plug installation.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
10/01/13	JCM INDUSTRIES, INC. P.O. Box 1220 Nash, TX 75569	JCM 445 Type 2 ESS (w/304 stainless steel nuts, bolts, and washers, AWWA C207 Class D blind flange, minimum 200 psi rated body and flanges, minimum 12 mil thick epoxy coating inside and out on all components)	R. Lamb

- NOTE:**
1. To be used only if indicated on AWU-approved drawings.
  2. CONTRACTOR'S / SUPPLIER'S **PROJECT** SUBMITTAL MUST INCLUDE MANUFACTURER'S CUT SHEET AND ORDER DATA SHEET THAT LISTS, AMONG OTHER INFORMATION, THE TYPE OF STEEL; TYPE OF NUTS, BOLTS AND WASHERS; TYPE OF COATING; CLASS OF FLANGE; AND PRESSURE RATING OF BODY, ALL MEETING THE REQUIREMENTS ABOVE.
  3. CONTRACTOR'S / SUPPLIER'S **PROJECT** SUBMITTAL MUST BE APPROVED BY AWU.