



**CITY OF AUSTIN
STANDARD PRODUCTS LIST**
for
TAPPING SLEEVES: STEEL FULL-BODY MJ (16" & larger)

USING DEPARTMENT: Water Utility **ISSUED:** 01/01/09 **REVIEWED:** 07/01/15 **REVISED:** 07/01/15

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

DESCRIPTION: Sleeves, Tapping, 16 inch and larger, meeting AWWA C223, fabricated from carbon steel meeting ASTM A283 Grade C or ASTM A36, for use on Cast Iron, Ductile Iron, PVC, and AC pipe. Sleeves shall have split body that completely surrounds pipe. Sleeves shall have mechanical joint body and flanged outlet and shall include plain MJ gaskets, split MJ glands, and side flange gaskets. Outlet flange shall be flat-faced with bolt hole pattern (drilling) according to ASME/ANSI B16.1 Class 125 (same as B16.5 Class 150, aka 150 lb drilling). Outlet flange bolt holes shall straddle vertical centerline of the sleeve with sleeve in horizontal position. Flange recess dimensions for mating with tapping valve alignment lip shall be according to MSS SP-60.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
01/01/09	JCM INDUSTRIES, INC. P.O. Box 1220 Nash, TX 75569	JCM 414 ESS (w/304 stainless steel nuts, bolts, and washers, AWWA C207 Class E 275 psi flange, minimum 200 psi rated body (working pressure), minimum 12 mil thick epoxy coating inside and out)	R. Lamb
07/01/11	SMITH-BLAIR 30 Globe Ave. Texarkana, AR 71854	Type 624 (w/304 stainless steel nuts, bolts, and washers, AWWA C207 Class E 275 psi flange, minimum 200 psi rated body (working pressure), minimum 12 mil thick epoxy coating inside and out)	R. Lamb

- NOTE:**
- To be used only if indicated on AWU-approved drawings.
 - CONTRACTOR'S / SUPPLIER'S **PROJECT SUBMITTAL** MUST INCLUDE MANUFACTURER'S **SHOP DRAWINGS** 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 IN THE DESCRIPTION ABOVE.
 - CONTRACTOR'S / SUPPLIER'S **PROJECT SUBMITTAL** MUST BE APPROVED BY AWU.