



**CITY OF AUSTIN  
STANDARD PRODUCTS LIST**  
for

**TAPPING SLEEVES: STEEL FULL-BODY FOR LINE STOPS**

**USING DEPARTMENT:** Austin Water      **PREPARED BY:** Robert Lamb, P.E.      **ISSUED:** 10/01/13  
**REVISED BY:** Jeff Kyle, P.E.      **REVISED:** 10/01/18

**DESCRIPTION:** Sleeves, Tapping, meeting AWWA C223, fabricated from carbon steel meeting ASTM A283 Grade C or ASTM A36, for use on cast iron, ductile iron, and PVC pipe. Sleeves shall have a flanged outlet welded on a split body that completely surrounds the pipe. The following requirements must be met:

- 1) The split body shall be joined together by gasketed side flanges.
- 2) The body shall have mechanical joint end connections with plain MJ gaskets and split MJ glands.
- 3) Body and outlet shall have minimum pressure rating of 200 psi.
- 4) A flat-faced flange conforming to AWWA C207 Class E shall be welded on the outlet.
- 5) The outlet flange shall have a bolt hole pattern conforming to ASME B16.1 Class 125 or ASME B16.5 Class 150 and shall be drilled for insertion of pins to secure a push-type completion plug.
- 6) A blind flange meeting AWWA C207 Class D shall be included.
- 7) Nuts, bolts, and washers shall be Type 304 stainless steel.
- 8) All components, except SS hardware, shall have minimum of 12 mil thick fusion-bonded epoxy coating on all surfaces.

LISTING DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT	APPROVAL
10/01/13	JCM INDUSTRIES, INC. P.O. Box 1220 Nash, TX 75569	JCM 444 ESS  Approved Installers: Rangeline Tapping Services Mickie Service Company	R. Lamb

- NOTES:**
1. To be used only if indicated on AW-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 and thickness of coating; class of flange; and pressure rating of body, all meeting the requirements listed above.
  3. Contractor's / Supplier's **PROJECT** submittal must be approved by AW because these tapping sleeves become a permanent part of the system even though the line stop only functions temporarily.

- LATEST REVISIONS:**
1. Combined requirements previously shown in Comment and Description and listed them together in Description, with updates including drilled outlet flange for pinned completion plug.
  2. Added approved installers.
  3. Added explanation to Note 3.