

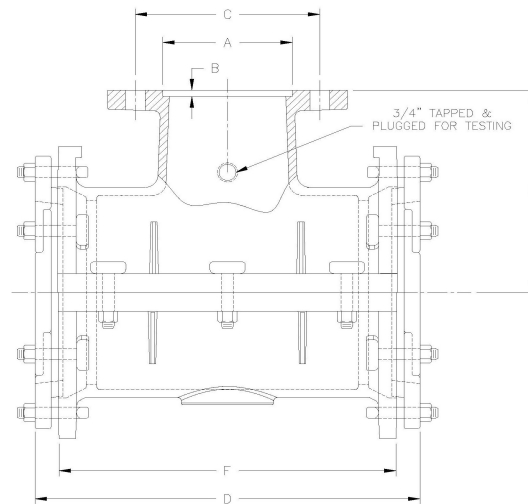
DOMESTIC

SUBMITTAL: Mechanical Joint Tapping Sleeve

(Current revisions for the noted Standards apply)

- SIZES:** For 6" through 12" PVC/Ductile pipe per ANSI/AWWA C900 or C151 & Cast iron pipe as provided. Comes with 4"-12" side flanged outlet & 3/4" tap on the branch.
- STANDARDS:** Mechanical and *Flanged joints comply with applicable requirements of ANSI/AWWA C153/21.53 and ASME/ANSI B16.1. Ductile iron Mechanical Joint Tapping Sleeves are produced in accordance with Tyler Union manufacturer's standard.
Note: Recess dimensions are per Manufacturer's standardization Society standard practice SP-60. Meets the requirements of MSS SP-111
- MATERIAL:** Cast of ASTM A536 qualified ductile iron. Date code is cast on and required for traceability.
- PRESSURE RATING:** Rated at 250 psi.
- DEFLECTION:** Deflection is not recommended
- GASKETS:** SBR Mechanical Joint and Split gaskets are per ASTM D2000 – AA and ANSI/AWWA C111/21.11, armor tipped with coiled brass wire spring.
- NSF-61 & NSF372:** Meets all requirements including Annex G, Tyler Union's Underwriters Laboratory listing MH16439.
- ASPHALT COATING:** Per ANSI/AWWA C104/A21.4 and ANSI/AWWA C153/A21.53.
- CEMENT LINING:** Tapping Sleeves are unlined to ensure they fit over the pipe being tapped.
- FLANGE:** ASME/ANSI B16.1, Class 125
- FASTENERS:** High strength low alloy weathering steel per ANSI/AWWA C111/A21.11 and ASTM A242
- INSTALLATION:** Install per Tyler Union instructions below.

- Clean pipe, insert side gasket into back half of gasket grooves. Make sure ends are flush with or slightly protrude into the end gasket seating area.
- Bolt sleeve halves together and trim side gaskets as necessary. **MAKE SURE SLEEVE WILL ROTATE FREELY ON PIPE.**
- Install end gaskets, locating cut ends 90° from side gasket. If pipe is maximum OD, stretch gasket to make certain cut ends match with no gap in between.
- Install glands and bolts-rotate sleeve to desired position. Be sure pipe is centered inside the sleeve.
- Tighten gland bolts alternately, using 80 to 90 foot pounds.
- After assembly, **PRESSURE TEST ALL JOINTS BEFORE TAPPING.** If additional tightening is required, release pressure and relax tension on gland bolts before tightening side bolts.



NOMINAL JOINT DIMENSIONS IN INCHES

Size	A	B	C	D	E	F	Pipe OD Range	DI
6x4	5.016	0.250	7.50	15.75	8.00	12.75	6.85 - 7.15	104
6	7.016	0.312	9.50	15.75	8.00	12.75	6.85 - 7.15	108
8x4	5.016	0.250	7.50	16.50	9.00	13.38	9.00-9.35	134
8x6	7.016	0.312	9.50	16.50	9.00	13.38	9.00-9.35	140
8	9.016	0.312	11.75	16.50	9.00	13.38	9.00-9.35	148
10x4	5.016	0.250	7.50	24.00	11.00	20.75	11.04-11.45	236
10x6	7.016	0.312	9.50	24.00	11.00	20.75	11.04-11.45	240
10x8	9.016	0.312	11.75	24.00	11.00	20.75	11.04-11.45	246
10	11.016	0.312	14.25	24.00	11.00	20.75	11.04-11.45	257
12x4	5.016	0.250	7.50	26.50	12.00	23.25	13.14-13.56	273
12x6	7.016	0.312	9.50	26.50	12.00	23.25	13.14-13.56	286
12x8	9.016	0.312	11.75	26.50	12.00	23.25	13.14-13.56	292
12x10	11.016	0.312	14.25	26.50	12.00	23.25	13.14-13.56	303
12	13.016	0.312	17.00	26.50	12.00	23.25	13.14-13.56	320