



**Reliable Connections™**

**10"-24"  
MJ Tapping  
Materials**

**Installation Instructions:**

**Models H-615, H-616, H-715, H-785, H-786**

1. Clean pipe thoroughly.
2. Check End Gaskets O.D. size range (molded on gasket, duck tipped gaskets have a yellow mark for additional identification) to be sure correct gasket is being used. **DO NOT CUT END GASKETS.**
3. Bolt sleeve halves together, being sure that the side gaskets are centered in the sleeve halves and the machined surface of the end gasket recesses are lined up properly. If the ends of the side gaskets protrude into the end gasket recess more than 1/16" after the sleeve halves are bolted together, trim the ends of the side gaskets from flush to maximum of 1/16" above the surface of the end gasket recess.
4. Sleeve must rotate free on pipe when halves are bolted together.
5. Rotate sleeve to desired position. Blocking under bottom of sleeve assembly is recommended to assure proper centering.
6. Install End Gaskets, Glands, (making sure End Gland Split does NOT align with Sleeve Side Gasket) and Tee Head Bolt.
7. Tighten the four Bolts that hold the Glands together.
8. Tighten end Gland Tee Head Bolts alternately (180° apart) until all are evenly tight. (Per AWWA C111 appendix A 75-90 ft. lbs. torque.)
9. Place Gasket on Tapping Valve and bolt to Sleeve.
10. Block under tapping valves.
11. Before drifting, **TEST ENTIRE ASSEMBLY.** Close tapping valve, remove test plug in tap sleeve, connect water supply and **TEST ENTIRE ASSEMBLY.** If assembled correctly and no leak develops, open tapping valve.

*(continued)*

## Installation Instructions *(continued)*

12. Attach tapping machine block under tapping machine and proceed with the drilling operation.

See below for pipe O.D. ranges these sleeves and crosses will fit.

### Duck Tipped, Rubber End Gaskets for Use on the Following Sizes of Cast Iron Pipe Only

	Pipe O.D.	Type & Class of Pipe			End Gasket PN
		Cast Iron	D.I.	AWWA C900 PVC - C.I. Class	
10"	11.04" - 11.16"	150, 200, 250, A & B	All	150 & 200	194680
12"	13.14" - 13.26"				194638
14"	15.22" - 15.35"	50, 100, 150, 200, 250, A & B		-	195127
16"	17.32" - 17.45"				195128
18"	19.42" - 19.55"				195266
20"	21.52" - 21.65"				195129
24"	25.72" - 25.85"				195130

### Plain Rubber End Gaskets for Use on the Following Sizes of Cast Iron Pipe Only

	Pipe O.D.	Type of Pipe	End Gasket PN
		Cast Iron	
10"	11.34" - 11.46"	C & D	194681
12"	13.44" - 13.56"		194642
14"	15.59" - 15.71"		195131
16"	17.74" - 17.86"		195132
18"	19.84" - 20.00"		195268
20"	21.98" - 22.14"		195133
24"	26.24" - 26.40"		195134

### Phone: (800) 423-1323

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