

JCM 419 Fabricated Carbon Steel Tapping Sleeves Mechanical Joint Outlet*

JCM Mechanical Joint Outlets meet AWWA C-111/ANSI 21.11 Standard Dimensions

NOM. PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X ANY OUTLET	OUTLET SIZES AVAILABLE	SHOPCOAT ALLOY BOLTS	EPOXY COAT ALLOY BOLTS Add (E)	EPOXY COAT EPOXY BOLTS Add (EEB)	EPOXY COAT 304 SS BOLTS Add (ESS)	APPR. WT. EACH (LBS.)
6	6.63 (SEE 429)	419-0690	X 3	\$ 626.00	\$ 713.00	\$ 769.00	\$ 844.00	73
	6.83 - 7.16	419-0720	X 4	626.00	713.00	769.00	844.00	76
	7.05 - 7.40	419-0745	X 6	743.00	853.00	910.00	967.00	82
	7.40 - 7.73							
8	8.63 (SEE 429)		X 3	674.00	727.00	782.00	862.00	83
	8.98 - 9.37	419-0905	X 4	674.00	727.00	782.00	862.00	85
	9.27 - 9.69	419-0940	X 6	759.00	872.00	930.00	972.00	88
			X 8	996.00	1,120.00	1,185.00	1,273.00	118
10	9.83 - 10.25*	419-1000	X 3	703.00	770.00	824.00	895.00	90
	10.64 - 10.86	419-1075	X 4	703.00	770.00	824.00	895.00	92
	11.03 - 11.47	419-1110	X 6	796.00	883.00	942.00	1,009.00	96
	11.36 - 11.80	419-1140	X 8	1,028.00	1,177.00	1,240.00	1,295.00	125
	11.76 - 12.24	419-1200	X 10	1,324.00	1,483.00	1,553.00	1,642.00	168
12	12.62 - 12.88	419-1275	X 3	717.00	821.00	875.00	941.00	97
	13.13 - 13.60	419-1320	X 4	717.00	821.00	875.00	941.00	100
	13.60 - 14.09	419-1392	X 6	828.00	942.00	999.00	1,070.00	104
	14.08 - 14.56	419-1420	X 8	1,082.00	1,244.00	1,308.00	1,386.00	140
			X 10	1,401.00	1,669.00	1,739.00	1,826.00	176
			X 12	1,594.00	1,822.00	1,898.00	1,984.00	216
14	14.59 - 15.08	419-1475	X 3	749.00	872.00	926.00	967.00	110
	15.23 - 15.80	419-1530	X 4	749.00	872.00	926.00	967.00	115
	15.73 - 16.22	419-1600	X 6	872.00	992.00	1,049.00	1,106.00	116
	16.30 - 16.73	419-1650	X 8	1,142.00	1,315.00	1,377.00	1,440.00	150
			X 10	1,466.00	1,751.00	1,821.00	1,852.00	190
16	16.74 - 17.26	419-1684	X 3	784.00	885.00	940.00	997.00	110
	17.33 - 17.87	419-1740	X 4	784.00	885.00	940.00	997.00	115
	17.88 - 18.43	419-1800	X 6	909.00	1,037.00	1,096.00	1,153.00	120
	18.62 - 19.19	419-1875	X 8	1,158.00	1,372.00	1,436.00	1,497.00	162
			X 10	1,525.00	1,797.00	1,866.00	1,947.00	210
			X 12	1,744.00	1,975.00	2,050.00	2,123.00	230
18	18.87 - 19.45	419-1920	X 3	801.00	913.00	967.00	1,016.00	120
	19.41 - 20.01	419-1950	X 4	801.00	913.00	967.00	1,016.00	122
	20.00 - 20.60	419-2000	X 6	944.00	1,065.00	1,122.00	1,164.00	126
	20.29 - 20.94	419-2050	X 8	1,236.00	1,377.00	1,442.00	1,522.00	180
	20.93 - 21.57	419-2130	X 10	1,564.00	1,849.00	1,918.00	1,994.00	240
			X 12	1,779.00	2,026.00	2,102.00	2,162.00	245
20	21.51 - 22.15	419-2160	X 3	865.00	932.00	986.00	1,084.00	130
	22.16 - 22.81	419-2254	X 4	865.00	932.00	986.00	1,084.00	133
	22.78 - 23.45	419-2294	X 6	1,016.00	1,096.00	1,153.00	1,247.00	140
	23.46 - 24.16	419-2400	X 8	1,330.00	1,456.00	1,520.00	1,628.00	185
	24.15 - 24.85	419-2450	X 10	1,683.00	1,905.00	1,975.00	2,063.00	245
	24.82 - 25.52	419-2502	X 12	1,856.00	2,055.00	2,131.00	2,308.00	255
24	25.71 - 26.41	419-2580	X 3	908.00	1,054.00	1,109.00	1,156.00	140
	26.55 - 27.25	419-2715	X 4	908.00	1,054.00	1,109.00	1,156.00	143
	27.26 - 27.96	419-2746	X 6	1,067.00	1,223.00	1,281.00	1,333.00	160
	28.14 - 28.84	419-2834	X 8	1,401.00	1,610.00	1,674.00	1,759.00	215
			X 10	1,842.00	2,129.00	2,196.00	2,317.00	280
30	29.78 - 30.48	419-3000	X 3	988.00	1,122.00	1,178.00	1,263.00	160
	30.48 - 31.18	419-3075	X 4	988.00	1,122.00	1,178.00	1,263.00	165
	31.52 - 32.22	419-3200	X 6	1,164.00	1,301.00	1,358.00	1,446.00	175
			X 8	1,542.00	1,739.00	1,803.00	1,888.00	226
			X 10	1,940.00	2,313.00	2,383.00	2,512.00	295
			X 12	2,124.00	2,419.00	2,494.00	2,603.00	310

*These sizes not available with size on size outlets. For size on size outlets a 1/2" undersize shell cutter is required.

JCM 419 are furnished with test plugs unless otherwise specified.

*Licensed by PowerSeal Corporation U. S. Patent No. 6,227,234

