

# JCM 419 Fabricated Carbon Steel Tapping Sleeves Mechanical Joint Outlet

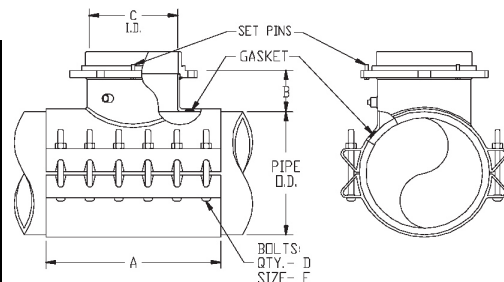
JCM Mechanical Joint Outlets meet AWWA C-111/ANSI 21.11 Standard Dimensions

NOM. PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	CATALOG NUMBER X ANY OUTLET	OUTLET SIZES AVAILABLE	APPR. WT. EACH (LBS.)
6	6.63 (SEE 429)	419-0690 419-0720 419-0745	X 3	73
	6.83 - 7.16		X 4	76
	7.05 - 7.40		X 6	82
	7.40 - 7.73			
8	8.63 (SEE 429)	419-0905 419-0940	X 3	83
	8.98 - 9.37		X 4	85
	9.27 - 9.69		X 6	88
			X 8	118
10	9.83 - 10.25*	419-1000 419-1075 419-1110 419-1140 419-1200	X 3	90
	10.64 - 10.86		X 4	92
	11.03 - 11.47		X 6	96
	11.36 - 11.80		X 8	125
	11.76 - 12.24		X 10	168
12	12.62 - 12.88	419-1275 419-1320 419-1392 419-1420	X 3	97
	13.13 - 13.60		X 4	100
	13.60 - 14.09		X 6	104
	14.08 - 14.56		X 8	140
			X 10	176
14	14.59 - 15.08	419-1475 419-1530 419-1600 419-1650	X 12	216
	15.23 - 15.80		X 3	110
	15.73 - 16.22		X 4	115
	16.30 - 16.73		X 6	116
			X 8	150
16	16.74 - 17.26	419-1684 419-1740 419-1800 419-1875	X 10	190
	17.33 - 17.87		X 12	220
	17.88 - 18.43		X 3	110
	18.62 - 19.19		X 4	115
			X 6	120
18	18.87 - 19.45	419-1920 419-1950 419-2000 419-2050 419-2130	X 8	162
	19.41 - 20.01		X 10	210
	20.00 - 20.60		X 12	230
	20.29 - 20.94		X 3	120
	20.93 - 21.57		X 4	122
20	21.51 - 22.15	419-2160 419-2254 419-2294 419-2400 419-2450 419-2502	X 6	126
	22.16 - 22.81		X 8	180
	22.78 - 23.45		X 10	240
	23.46 - 24.16		X 12	245
	24.15 - 24.85			
24	24.82 - 25.52	419-2580 419-2715 419-2746 419-2834	X 3	140
	25.71 - 26.41		X 4	143
	26.55 - 27.25		X 6	160
	27.26 - 27.96		X 8	215
	28.14 - 28.84		X 10	280
30		419-3000 419-3075 419-3200	X 12	312
	29.78 - 30.48		X 3	160
	30.48 - 31.18		X 4	165
	31.52 - 32.22		X 6	175
			X 8	226
	X 10	295		
	X 12	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. Pipe sizes 72" and larger available upon request

## JCM 419 FABRICATED TAPPING SLEEVE - MECHANICAL JOINT OUTLET

OUTLET	A	B	C	D	E
3	12	5	3.32	6	3/4
4	12	5-1/8	4.26	6	3/4
6	12	5-1/4	6.36	6	3/4
8	16	5-3/8	8.33	8	3/4
10	20	5-3/8	10.42	10	3/4
12	24	5-3/8	12.39	12	3/4



On nominal pipe sizes 07.45 and smaller dimensions: E = 8, F = 5/8"

