

## JCM 412 Carbon Steel Tapping Sleeve with Threaded Outlet

NOM. PIPE SIZE (IN.)	SLEEVE O.D. Range (IN.)	SLEEVE NUMBER X ANY OUTLET	OUTLET SIZES AVAILABLE	SHOPCOAT ALLOY BOLTS	EPOXY COAT EPOXY BOLTS (Add EEB)	EPOXY COAT 304 SS BOLTS Add ESS	APPR. WT. EA (LBS.)
6	6.63 (See 422)	412-0690 412-0720 412-0745	X 3	\$ 705.00	\$ 814.00	\$ 984.00	74
	6.83 - 7.16		X 4	\$ 705.00	\$ 814.00	\$ 984.00	76
	7.05 - 7.40		X 6	\$ 789.00	\$ 923.00	\$ 1,075.00	82
	7.40 - 7.73						
8	8.63 (See 422)	412-0905 412-0940	X 3	\$ 768.00	\$ 828.00	\$ 1,006.00	83
	8.98 - 9.37		X 4	\$ 768.00	\$ 828.00	\$ 1,006.00	85
	9.27 - 9.69		X 6	\$ 810.00	\$ 945.00	\$ 1,078.00	88
			X 8	\$ 1,028.00	\$ 1,182.00	\$ 1,385.00	118
10	9.83 - 10.25	*412-1000	X 3	\$ 799.00	\$ 880.00	\$ 1,048.00	90
	10.64 - 10.86	412-1075	X 4	\$ 799.00	\$ 880.00	\$ 1,048.00	92
	11.03 - 11.47	412-1110	X 6	\$ 856.00	\$ 966.00	\$ 1,128.00	96
	11.36 - 11.80	412-1140	X 8	\$ 1,067.00	\$ 1,250.00	\$ 1,414.00	125
	11.76 - 12.24	412-1200	X 10	\$ 1,410.00	\$ 1,612.00	\$ 1,823.00	168
12	12.62 - 12.88	412-1275 412-1320 412-1392 412-1420	X 3	\$ 818.00	\$ 945.00	\$ 1,104.00	98
	13.13 - 13.60		X 4	\$ 818.00	\$ 945.00	\$ 1,104.00	100
	13.60 - 14.09		X 6	\$ 891.00	\$ 1,035.00	\$ 1,205.00	104
	14.08 - 14.56		X 8	\$ 1,135.00	\$ 1,366.00	\$ 1,523.00	140
			X 10	\$ 1,507.00	\$ 1,844.00	\$ 2,055.00	176
			X 12	\$ 1,720.00	\$ 2,005.00	\$ 2,227.00	216
14	14.59 - 15.08	412-1475 412-1530 412-1600 412-1650	X 3	\$ 858.00	\$ 1,010.00	\$ 1,140.00	113
	15.23 - 15.80		X 4	\$ 828.00	\$ 1,010.00	\$ 1,140.00	115
	15.73 - 16.22		X 6	\$ 945.00	\$ 1,097.00	\$ 1,250.00	116
	16.30 - 16.73		X 8	\$ 1,150.00	\$ 1,355.00	\$ 1,519.00	150
			X 10	\$ 1,590.00	\$ 1,945.00	\$ 2,085.00	190
			X 12	\$ 1,805.00	\$ 2,105.00	\$ 2,310.00	220
16	16.74 - 17.26	412-1684 412-1740 412-1800 412-1875	X 3	\$ 899.00	\$ 1,028.00	\$ 1,177.00	113
	17.33 - 17.87		X 4	\$ 899.00	\$ 1,028.00	\$ 1,177.00	115
	17.88 - 18.43		X 6	\$ 995.00	\$ 1,155.00	\$ 1,308.00	120
	18.62 - 19.19		X 8	\$ 1,232.00	\$ 1,497.00	\$ 1,665.00	162
			X 10	\$ 1,662.00	\$ 1,999.00	\$ 2,205.00	210
			X 12	\$ 1,909.00	\$ 2,195.00	\$ 2,399.00	230
18	18.87 - 19.45	412-1920 412-1950 412-2000 412-2050 412-2130	X 3	\$ 923.00	\$ 1,061.00	\$ 1,199.00	120
	19.41 - 20.01		X 4	\$ 923.00	\$ 1,061.00	\$ 1,199.00	122
	20.00 - 20.60		X 6	\$ 1,037.00	\$ 1,188.00	\$ 1,322.00	126
	20.29 - 20.94		X 8	\$ 1,328.00	\$ 1,499.00	\$ 1,697.00	180
	20.93 - 21.57		X 10	\$ 1,714.00	\$ 2,065.00	\$ 2,268.00	340
			X 12	\$ 1,950.00	\$ 2,262.00	\$ 2,448.00	245
20	21.51 - 22.15	412-2160 412-2254 412-2294 412-2400 412-2450 412-2502	X 3	\$ 1,002.00	\$ 1,087.00	\$ 1,286.00	131
	22.16 - 22.81		X 4	\$ 1,002.00	\$ 1,087.00	\$ 1,286.00	139
	22.78 - 23.45		X 6	\$ 1,129.00	\$ 1,230.00	\$ 1,489.00	140
	23.46 - 24.16		X 8	\$ 1,444.00	\$ 1,599.00	\$ 1,829.00	185
	24.15 - 24.85		X 10	\$ 1,859.00	\$ 2,139.00	\$ 2,355.00	245
	24.82 - 25.52		X 12	\$ 2,050.00	\$ 2,297.00	\$ 2,634.00	255
24	25.71 - 26.41	412-2580 412-2715 412-2746 412-2834	X 3	\$ 1,054.00	\$ 1,238.00	\$ 1,381.00	143
	26.55 - 27.25		X 4	\$ 1,054.00	\$ 1,238.00	\$ 1,381.00	143
	27.26 - 27.96		X 6	\$ 1,192.00	\$ 1,388.00	\$ 1,537.00	160
	28.14 - 28.84		X 8	\$ 1,533.00	\$ 1,795.00	\$ 1,995.00	215
			X 10	\$ 2,058.00	\$ 2,418.00	\$ 2,672.00	280
			X 12	\$ 2,229.00	\$ 2,575.00	\$ 2,846.00	312
30	29.78 - 30.48	412-3000 412-3075 412-3200	X 3	\$ 1,155.00	\$ 1,323.00	\$ 1,510.00	163
	30.48 - 31.18		X 4	\$ 1,155.00	\$ 1,323.00	\$ 1,510.00	165
	31.52 - 32.22		X 6	\$ 1,312.00	\$ 1,483.00	\$ 1,677.00	175
			X 8	\$ 1,713.00	\$ 1,955.00	\$ 2,158.00	226
			X 10	\$ 2,181.00	\$ 2,646.00	\$ 2,921.00	295
			X 12	\$ 2,383.00	\$ 2,750.00	\$ 2,999.00	310