

JCM 412 Fabricated Carbon Steel Tapping Sleeves Flanged Outlet

NOM. PIPE SIZE (IN.)	SLEEVE O.D. RANGE (IN.)	SLEEVE NUMBER X ANY OUTLET	OUTLET SIZES AVAILABLE	SHOPCOAT ALLOY BOLTS	EPOXY ALLOY BOLTS Add (E)	EPOXY STAINLESS STEEL 304 BOLTS Add (ESS)	APPR. WT. EACH (LBS.)
6	6.63 (SEE 422)	412-0690	X 3	\$ 416.00	\$ 480.00	\$ 566.00	74
	6.83 - 7.16	412-0720	X 4	416.00	480.00	566.00	76
	7.05 - 7.40 7.40 - 7.73	412-0745	X 6	465.00	545.00	618.00	82
8	8.63 (SEE 422)	412-0905	X 3	452.00	490.00	578.00	83
	8.98 - 9.37	412-0940	X 4	452.00	490.00	578.00	85
	9.27 - 9.69		X 6	478.00	560.00	621.00	88
			X 8	608.00	699.00	795.00	118
10	9.83 - 10.25	*412-1000	X 3	473.00	521.00	602.00	90
	10.64 - 10.86	412-1075	X 4	473.00	521.00	602.00	92
	11.03 - 11.47	412-1110	X 6	505.00	570.00	648.00	96
	11.36 - 11.80	412-1140	X 8	630.00	741.00	812.00	125
	11.76 - 12.24	412-1200	X 10	835.00	953.00	1,047.00	168
12	12.62 - 12.88	412-1275	X 3	483.00	560.00	635.00	98
	13.13 - 13.60	412-1320	X 4	483.00	560.00	635.00	100
	13.60 - 14.09	412-1392	X 6	528.00	612.00	692.00	104
	14.08 - 14.56	412-1420	X 8	671.00	791.00	876.00	140
			X 10	892.00	1,091.00	1,181.00	176
			X 12	1,017.00	1,187.00	1,279.00	216
14	14.59 - 15.08	412-1475	X 3	507.00	597.00	655.00	113
	15.23 - 15.80	412-1530	X 4	507.00	597.00	655.00	115
	15.73 - 16.22	412-1600	X 6	560.00	649.00	718.00	116
	16.30 - 16.73	412-1650	X 8	715.00	843.00	915.00	150
			X 10	941.00	1,151.00	1,199.00	190
			X 12	1,068.00	1,247.00	1,330.00	220
16	16.74 - 17.26	412-1684	X 3	532.00	608.00	677.00	113
	17.33 - 17.87	412-1740	X 4	532.00	608.00	677.00	115
	17.88 - 18.43	412-1800	X 6	588.00	683.00	753.00	120
	18.62 - 19.19	412-1875	X 8	728.00	885.00	957.00	162
			X 10	983.00	1,184.00	1,269.00	210
			X 12	1,129.00	1,299.00	1,380.00	230
18	18.87 - 19.45	412-1920	X 3	545.00	628.00	690.00	120
	19.41 - 20.01	412-1950	X 4	545.000	628.00	690.00	122
	20.00 - 20.60	412-2000	X 6	614.00	703.00	460.00	126
	20.29 - 20.94	412-2050	X 8	784.00	890.00	975.00	180
	20.93 - 21.57	412-2130	X 10	1,014.00	1,223.00	1,303.00	240
			X 12	1,155.00	1,338.00	1,408.00	245
20	21.51 - 22.15	412-2160	X 3	593.00	643.00	740.00	131
	22.16 - 22.81	412-2254	X 4	593.00	643.00	740.00	133
	22.78 - 23.45	412-2294	X 6	668.00	726.00	821.00	140
	23.46 - 24.16	412-2400	X 8	855.00	947.00	1,052.00	185
	24.15 - 24.85	412-2450	X 10	1,100.00	1,265.00	1,353.00	245
	24.82 - 25.52	412-2502	X 12	1,213.00	1,359.00	1,514.00	255
24	25.71 - 26.41	412-2580	X 3	624.00	732.00	793.00	143
	26.55 - 27.25	412-2715	X 4	624.00	732.00	793.00	143
	27.26 - 27.96	412-2746	X 6	705.00	821.00	883.00	160
	28.14 - 28.84	412-2834	X 8	907.00	1,062.00	1,147.00	215
			X 10	1,218.00	1,430.00	1,537.00	280
			X 12	1,319.00	1,524.00	1,636.00	312
30	29.78 - 30.48	412-3000	X 3	683.00	783.00	868.00	163
	30.48 - 31.18	412-3075	X 4	683.00	783.00	868.00	165
	31.52 - 32.22	412-3200	X 6	776.00	877.00	965.00	175
			X 8	1,012.00	1,158.00	1,241.00	226
			X 10	1,291.00	1,566.00	1,679.00	295
			X 12	1,411.00	1,629.00	1,728.00	310

*These sizes not available with size on size outlets.

For size on size outlets a 1/2" undersize shell cutter is required.

Larger Sizes: For outlets 14" and larger, the tapping valve to be used must be specified to assure proper alignment recess dimension.
JCM 412 Tapping Sleeves furnished with test plugs unless otherwise specified.