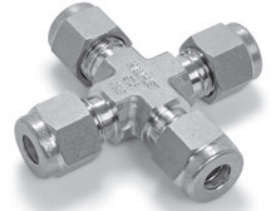
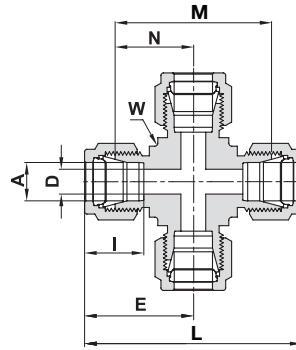


**7102 L**  
**UNION CROSS**



**ALL TUBES (METRIC)**

Ordering Information	A Tube O.D.		D		W Wrench Flat		N		E		M		L		I	
	mm	mm	mm	mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
7102L_3	3		2.4		3/8	9.5	15.7		22.3		31.5		44.7		12.9	
7102L_6	6		4.8		1/2	12.7	19.6		27.0		39.1		53.9		15.3	
7102L_8	8		6.4		5/8	15.9	22.4		29.9		44.7		59.7		16.2	
7102L_10	10		7.9		13/16	20.6	25.9		33.5		51.8		67.0		17.2	
7102L_12	12		9.5		13/16	20.6	25.9		36.0		51.8		72.0		22.8	
7102L_16	16		12.7		15/16	23.8	26.9		37.0		53.8		74.0		24.4	
7102L_18	18		15.1		1 1/16	27.0	28.2		38.3		56.4		76.6		24.4	
7102L_20	20		15.9		1 3/8	34.9	34.5		44.6		69.0		89.3		26.0	
7102L_22	22		18.3		1 3/8	34.9	34.6		44.7		69.1		89.4		26.0	
7102L_25	25		21.8		1 3/8	34.9	36.8		49.1		73.7		98.3		31.3	

**ALL TUBES (INCH)**

Ordering Information	A Tube O.D.		D		W Wrench Flat		N		E		M		L		I	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
7102L_1/8	1/8	3.17	.09	2.28	3/8	9.5	.62	15.74	.88	22.35	1.24	31.48	1.76	44.70	.50	12.7
7102L_1/4	1/4	6.35	.19	4.82	1/2	12.7	.77	19.56	1.06	26.92	1.54	39.12	2.12	53.84	.60	15.2
7102L_5/16	5/16	7.93	.25	6.35	5/8	15.9	.88	22.35	1.17	29.71	1.76	44.70	2.34	59.42	.64	16.2
7102L_3/8	3/8	9.52	.28	7.11	5/8	15.9	.91	23.11	1.20	30.48	1.82	46.22	2.40	60.96	.66	16.8
7102L_1/2	1/2	12.70	.41	10.41	13/16	20.6	1.02	25.9	1.42	36.07	2.04	51.80	2.84	72.14	.90	22.9
7102L_3/4	3/4	19.05	.62	15.74	1 1/16	27.0	1.17	29.72	1.57	39.88	2.34	59.44	3.14	79.76	.96	24.4
7102L_1	1	25.40	.88	22.35	1 3/8	34.9	1.45	36.8	1.93	49.02	2.90	73.60	3.86	98.04	1.23	31.2

"D" - Dimension is minimum opening. Dimensions are for reference only, and are subject to change without notice.