





Copper Fittings: Wrot Pressure

Male Adapter C X M						
						
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn	
HL15-101-0001	1/8	1/4 x 1/8	21.04	25	3000	
HL15-101-0002	1/4	3/8 x 1/4	16.86	25	1600	
HL15-101-0025	3/8	1/2 x 3/8	8.39	25	1000	
HL15-101-0050	1/2	5/8 x 1/2	3.60	25	600	
HL15-101-0100	3/4	7/8 x 3/4	6.05	25	250	
HL15-101-0150	1	1 1/8 x 1	15.47	10	150	
HL15-101-0215	1 1/4	1 3/8 x 1 1/4	22.23		110	
HL15-101-0295	1 1/2	1 5/8 x 1 1/2	26.04		65	
HL15-101-0390	2	2 1/8 x 2	44.09		38	
HL15-101-0520	2 1/2	2 5/8 x 2 1/2	153.94		48	
HL15-101-0650	3	3 1/8 x 3	191.43		24	
HL15-101-0860	4	4 1/8 x 4	251.03		12	
Reducing						
HL15-101-0024	1/8 x 1/4	1/4 x 1/4	15.28	25	4000	
HL15-101-0005	1/4 x 1/2	3/8 x 1/2	10.21	25	600	
HL15-101-0006	1/4 x 3/8	3/8 x 3/8	19.82	25	750	
HL15-101-0007	1/4 x 1/8	3/8 x 1/8	14.52	25	2000	
HL15-101-0031	3/8 x 1/2	1/2 x 1/2	11.77	25	500	
HL15-101-0032	3/8 x 1/4	1/2 x 1/4	19.37	25	750	
HL15-101-0056	1/2 x 1	5/8 x 1	23.36	10	150	
HL15-101-0057	1/2 x 3/4	5/8 x 3/4	10.42	25	250	
HL15-101-0058	1/2 x 3/8	5/8 x 3/8	9.10	25	800	
HL15-101-0059	1/2 x 1/4	5/8 x 1/4	10.97	25	1000	
HL15-101-0092	5/8 x 3/4	3/4 x 3/4	13.15	25	250	
HL15-101-0093	5/8 x 1/2	3/4 x 1/2	19.74	25	250	
HL15-101-0106	3/4 x 1	7/8 x 1	22.90	10	150	
HL15-101-0107	3/4 x 1/2	7/8 x 1/2	10.42	25	250	
HL15-101-0157	1 x 1 1/2	1 1/8 x 1 1/2	62.74		65	
HL15-101-0158	1 x 1 1/4	1 1/8 x 1 1/4	33.31		85	
HL15-101-0159	1 x 3/4	1 1/8 x 3/4	22.90	10	150	
HL15-101-0160	1 x 1/2	1 1/8 x 1/2	28.58	10	180	
HL15-101-0221	1 1/4 x 1 1/2	1 3/8 x 1 1/2	52.95		90	
HL15-101-0222	1 1/4 x 1	1 3/8 x 1	33.86		120	
HL15-101-0223	1 1/4 x 3/4	1 3/8 x 3/4	39.04		130	
HL15-101-0302	1 1/2 x 2	1 5/8 x 2	98.83		50	
HL15-101-0303	1 1/2 x 1 1/4	1 5/8 x 1 1/4	52.72		60	
HL15-101-0304	1 1/2 x 1	1 5/8 x 1	62.61		120	
HL15-101-0398	2 x 1 1/2	2 1/8 x 1 1/2	101.89		48	
HL15-101-0399	2 x 1 1/4	2 1/8 x 1 1/4	101.89		48	
HL15-101-0531	2 1/2 x 2	2 5/8 x 2	259.75		36	

Fitting Male Adapter Ftg X M						
						
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn	
HL15-114-0002	1/4	3/8 x 1/4	19.23	25	1000	
HL15-114-0025	3/8	1/2 x 3/8	14.47	25	800	
HL15-114-0050	1/2	5/8 x 1/2	15.76	25	500	
HL15-114-0057	1/2 x 3/4	5/8 x 3/4	36.09	25	250	
HL15-114-0100	3/4	7/8 x 3/4	20.29	25	250	
HL15-114-0150	1	1 1/8 x 1	25.79	10	130	
HL15-114-0215	1 1/4	1 3/8 x 1 1/4	78.86		80	
HL15-114-0295	1 1/2	1 5/8 x 1 1/2	95.55		50	
HL15-114-0390	2	2 1/8 x 2	154.46		38	

Female Adapter C X F						
						
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn	
HL15-105-0001	1/8	1/4 x 1/8	12.55	25	1500	
HL15-105-0002	1/4	3/8 x 1/4	10.78	25	1000	
HL15-105-0025	3/8	1/2 x 3/8	11.27	25	800	
HL15-105-0050	1/2	5/8 x 1/2	5.72	25	450	
HL15-105-0100	3/4	7/8 x 3/4	7.85	25	200	
HL15-105-0150	1	1 1/8 x 1	17.96	10	140	
HL15-105-0215	1 1/4	1 3/8 x 1 1/4	26.04		80	
HL15-105-0295	1 1/2	1 5/8 x 1 1/2	40.72		60	
HL15-105-0390	2	2 1/8 x 2	55.31		36	
HL15-105-0520	2 1/2	2 5/8 x 2 1/2	183.64		48	
HL15-105-0650	3	3 1/8 x 3	261.80		30	
Reducing						
HL15-105-0024	1/8 x 1/4	1/4 x 1/4	13.07	25	1000	
HL15-105-0006	1/4 x 3/8	3/8 x 3/8	10.28	25	900	
HL15-105-0031	3/8 x 1/2	1/2 x 1/2	11.57	25	500	
HL15-105-0032	3/8 x 1/4	1/2 x 1/4	9.54	25	750	
HL15-105-0056	1/2 x 1	5/8 x 1	24.93	10	160	
HL15-105-0057	1/2 x 3/4	5/8 x 3/4	12.27	25	300	
HL15-105-0058	1/2 x 3/8	5/8 x 3/8	8.82	25	800	
HL15-105-0059	1/2 x 1/4	5/8 x 1/4	8.82	25	500	
HL15-105-0060	1/2 x 1/8	5/8 x 1/8	7.54	25	500	
HL15-105-0092	5/8 x 3/4	3/4 x 3/4	13.15	25	250	
HL15-105-0093	5/8 x 1/2	3/4 x 1/2	16.73	25	250	
HL15-105-0106	3/4 x 1	7/8 x 1	26.30	10	140	
HL15-105-0107	3/4 x 1/2	7/8 x 1/2	12.27	25	300	
HL15-105-0158	1 x 1 1/4	1 1/8 x 1 1/4	46.79		85	
HL15-105-0159	1 x 3/4	1 1/8 x 3/4	26.30	10	150	
HL15-105-0160	1 x 1/2	1 1/8 x 1/2	32.90	10	150	
HL15-105-0221	1 1/4 x 1 1/2	1 3/8 x 1 1/2	55.61		65	
HL15-105-0222	1 1/4 x 1	1 3/8 x 1	55.04		120	
HL15-105-0223	1 1/4 x 3/4	1 3/8 x 3/4	63.03		120	
HL15-105-0302	1 1/2 x 2	1 5/8 x 2	103.37		60	
HL15-105-0303	1 1/2 x 1 1/4	1 5/8 x 1 1/4	60.52		70	
HL15-105-0398	2 x 1 1/2	2 1/8 x 1 1/2	90.02		40	

Fitting Female Adapter Ftg X F						
						
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn	
HL15-115-0002	1/4	3/8 x 1/4	13.29	25	1500	
HL15-115-0025	3/8	1/2 x 3/8	14.47	25	800	
HL15-115-0050	1/2	5/8 x 1/2	11.29	25	500	
HL15-115-0057	1/2 x 3/4	5/8 x 3/4	25.67	25	300	
HL15-115-0058	1/2 x 3/8	5/8 x 3/8	15.23	25	700	
HL15-115-0100	3/4	7/8 x 3/4	14.58	25	250	
HL15-115-0150	1	1 1/8 x 1	26.05	10	140	
HL15-115-0215	1 1/4	1 3/8 x 1 1/4	41.68		85	
HL15-115-0295	1 1/2	1 5/8 x 1 1/2	54.72		80	
HL15-115-0390	2	2 1/8 x 2	72.72		40	

Flush Bushing Ftg X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-140-0032	3/8 x 1/4	1/2 x 3/8	2.74	25	2500
HL15-140-0058	1/2 x 3/8	5/8 x 1/2	3.48	25	1500
HL15-140-0059	1/2 x 1/4	5/8 x 3/8	3.96	25	1500
HL15-140-0093	5/8 x 1/2	3/4 x 5/8	4.23	25	500
HL15-140-0149	3/4 x 5/8	7/8 x 3/4	6.76	25	700
HL15-140-0107	3/4 x 1/2	7/8 x 5/8	6.46	25	700
HL15-140-0108	3/4 x 3/8	7/8 x 1/2	7.34	30	600
HL15-140-0109	3/4 x 1/4	7/8 x 3/8	7.09	25	700
HL15-140-1498	1 x 5/8	1 1/8 x 3/4	11.45	10	320
HL15-140-0159	1 x 3/4	1 1/8 x 7/8	9.90	10	300
HL15-140-0160	1 x 1/2	1 1/8 x 5/8	11.15	10	320
HL15-140-0222	1 1/4 x 1	1 3/8 x 1 1/8	12.40		200
HL15-140-0223	1 1/4 x 3/4	1 3/8 x 7/8	15.15		200
HL15-140-0303	1 1/2 x 1 1/4	1 5/8 x 1 3/8	15.99		140
HL15-140-0398	2 x 1 1/2	2 1/8 x 1 5/8	46.79		60

Cap					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-154-0001	1/8	1/4	2.34	25	3300
HL15-154-0002	1/4	3/8	1.46	25	3000
HL15-154-0025	3/8	1/2	2.32	25	2500
HL15-154-0050	1/2	5/8	1.26	25	1400
HL15-154-0090	5/8	3/4	2.68	25	850
HL15-154-0100	3/4	7/8	2.33	25	500
HL15-154-0150	1	1 1/8	5.48	10	300
HL15-154-0215	1 1/4	1 3/8	7.26		200
HL15-154-0295	1 1/2	1 5/8	10.62		140
HL15-154-0390	2	2 1/8	19.58		60
HL15-154-0520	2 1/2	2 5/8	57.03		30
HL15-154-0650	3	3 1/8	73.46		20
HL15-154-0780	3 1/2	3 5/8	218.42		25
HL15-154-0860	4	4 1/8	134.10		25
HL15-154-1100	6	6 1/8	1,890.85		5

Coupling w/Rolled Tube Stop C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-165-0001	1/8	1/4	1.45	25	3000
HL15-165-0002	1/4	3/8	1.19	25	2000
HL15-165-0015	-	5/16	1.66	25	3000
HL15-165-0025	3/8	1/2	1.57	25	1200
HL15-165-0050	1/2	5/8	1.29	25	800
HL15-165-0090	5/8	3/4	3.41	25	400
HL15-165-0100	3/4	7/8	2.60	25	300
HL15-165-0150	1	1 1/8	5.18	10	150
HL15-165-0215	1 1/4	1 3/8	9.10		100
HL15-165-0295	1 1/2	1 5/8	12.03		60
HL15-165-0390	2	2 1/8	20.08		40
HL15-165-0520	2 1/2	2 5/8	41.20		50
HL15-165-0650	3	3 1/8	56.12		30
HL15-165-0780	3 1/2	3 5/8	105.30		20
HL15-165-0860	4	4 1/8	123.60		12
HL15-165-0975	5	5 1/8	280.91		6
HL15-165-1100	6	6 1/8	464.25		3
HL15-165-1225	8	8 1/8	1,504.65		1

Reducing Coupling C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-165-0007	1/4 x 1/8	3/8 x 1/4	7.87	25	2000
HL15-165-0008	-	1/4 x 3/16	8.53	25	2000
HL15-165-0032	3/8 x 1/4	1/2 x 3/8	2.58	100	800
HL15-165-0033	3/8 x 1/8	1/2 x 1/4	3.47	25	800
HL15-165-0058	1/2 x 3/8	5/8 x 1/2	2.65	25	800
HL15-165-0059	1/2 x 1/4	5/8 x 3/8	3.21	25	800
HL15-165-0060	1/2 x 1/8	5/8 x 1/4	3.56	25	800
HL15-165-0093	5/8 x 1/2	3/4 x 5/8	6.46	25	500
HL15-165-0094	5/8 x 3/8	3/4 x 1/2	7.99	25	500
HL15-165-0095	5/8 x 1/4	3/4 x 3/8	7.07	25	500
HL15-165-0149	3/4 x 5/8	7/8 x 3/4	4.57	25	350
HL15-165-0107	3/4 x 1/2	7/8 x 5/8	4.60	25	350
HL15-165-0108	3/4 x 3/8	7/8 x 1/2	5.70	25	400
HL15-165-0109	3/4 x 1/4	7/8 x 3/8	5.60	25	400
HL15-165-1498	1 x 5/8	1 1/8 x 3/4	8.93	10	200
HL15-165-0159	1 x 3/4	1 1/8 x 7/8	8.36	10	160
HL15-165-0160	1 x 1/2	1 1/8 x 5/8	10.07	10	200
HL15-165-0222	1 1/4 x 1	1 3/8 x 1 1/8	11.61		100
HL15-165-0223	1 1/4 x 3/4	1 3/8 x 7/8	11.61		100
HL15-165-0224	1 1/4 x 1/2	1 3/8 x 5/8	12.31		100
HL15-165-0303	1 1/2 x 1 1/4	1 5/8 x 1 3/8	19.23		100
HL15-165-0304	1 1/2 x 1	1 5/8 x 1 1/8	19.61		100
HL15-165-0305	1 1/2 x 3/4	1 5/8 x 7/8	19.61		100
HL15-165-0306	1 1/2 x 1/2	1 5/8 x 5/8	20.83		100
HL15-165-0398	2 x 1 1/2	2 1/8 x 1 5/8	29.73		50
HL15-165-0399	2 x 1 1/4	2 1/8 x 1 3/8	29.73		50
HL15-165-0400	2 x 1	2 1/8 x 1 1/8	31.98		50
HL15-165-0401	2 x 3/4	2 1/8 x 7/8	32.59		50
HL15-165-0402	2 x 1/2	2 1/8 x 5/8	33.92		50
HL15-165-0531	2 1/2 x 2	2 5/8 x 2 1/8	61.15		30
HL15-165-0532	2 1/2 x 1 1/2	2 5/8 x 1 5/8	62.44		30
HL15-165-0533	2 1/2 x 1 1/4	2 5/8 x 1 3/8	70.55		30
HL15-165-0534	2 1/2 x 1	2 5/8 x 1 1/8	71.01		30
HL15-165-0662	3 x 2 1/2	3 1/8 x 2 5/8	75.59		15
HL15-165-0663	3 x 2	3 1/8 x 2 1/8	74.04		20
HL15-165-0664	3 x 1 1/2	3 1/8 x 1 5/8	82.72		20
HL15-165-0870	4 x 3	4 1/8 x 3 1/8	150.10		18
HL15-165-0871	4 x 2 1/2	4 1/8 x 2 5/8	170.72		18
HL15-165-0872	4 x 2	4 1/8 x 2 1/8	164.14		18
HL15-165-1109	6 x 4	6 1/8 x 4 1/8	908.01		4
HL15-165-1111	6 x 3	6 1/8 x 3 1/8	908.01		4

Coupling w/Dimple Tube Stop C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-170-0001	1/8	1/4	1.36	25	3000
HL15-170-0002	1/4	3/8	1.18	25	2000
HL15-170-0025	3/8	1/2	1.54	25	1200
HL15-170-0050	1/2	5/8	1.30	25	800
HL15-170-0090	5/8	3/4	3.82	25	400
HL15-170-0100	3/4	7/8	2.62	25	300
HL15-170-0150	1	1 1/8	5.18	10	150
HL15-170-0215	1 1/4	1 3/8	8.92		100
HL15-170-0295	1 1/2	1 5/8	12.03		60
HL15-170-0390	2	2 1/8	20.08		40
HL15-170-0520	2 1/2	2 5/8	38.85		50
HL15-170-0650	3	3 1/8	54.92		30
HL15-170-0860	4	4 1/8	111.80		12
HL15-170-0975	5	5 1/8	257.60		6
HL15-170-1100	6	6 1/8	425.70		3
HL15-170-1225	8	8 1/8	1,380.00		1

Coupling Less Tube Stop C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-172-0001	1/8	1/4	2.35	25	3000
HL15-172-0002	1/4	3/8	0.96	25	2000
HL15-172-0025	3/8	1/2	3.31	25	1200
HL15-172-0050	1/2	5/8	1.71	25	800
HL15-172-0090	5/8	3/4	5.01	25	400
HL15-172-0100	3/4	7/8	3.55	25	300
HL15-172-0150	1	11/8	7.49	10	150
HL15-172-0215	11/4	13/8	10.96		100
HL15-172-0295	11/2	15/8	14.80		60
HL15-172-0390	2	21/8	25.53		40
HL15-172-0520	21/2	25/8	30.45		50
HL15-172-0650	3	31/8	55.97		30
HL15-172-0860	4	41/8	103.80		12
HL15-172-0975	5	51/8	379.90		6



90° Long Turn Ell C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-242-0001	1/8	1/4	8.93	25	2000
HL15-242-0002	1/4	3/8	6.85	25	1200
HL15-242-0015	-	5/16	8.34	25	1600
HL15-242-0025	3/8	1/2	8.65	25	750
HL15-242-0050	1/2	5/8	7.77	25	350
HL15-242-0090	5/8	3/4	7.85	25	200
HL15-242-0100	3/4	7/8	10.04	10	120
HL15-242-0150	1	11/8	16.15	10	60
HL15-242-0215	11/4	13/8	26.19		35
HL15-242-0295	11/2	15/8	34.47		25
HL15-242-0390	2	21/8	90.69		12
HL15-242-0520	21/2	25/8	133.60		16
HL15-242-0650	3	31/8	176.77		8
HL15-242-0860	4	41/8	458.30		3



90° Short Turn Ell C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-235-0001	1/8	1/4	4.76	25	3000
HL15-235-0002	1/4	3/8	5.01	25	1200
HL15-235-0025	3/8	1/2	4.85	25	1000
HL15-235-0050	1/2	5/8	1.73	100	800
HL15-235-0090	5/8	3/4	10.15	25	300
HL15-235-0100	3/4	7/8	3.86	25	250
HL15-235-0150	1	11/8	9.48	10	100
HL15-235-0215	11/4	13/8	14.05		50
HL15-235-0295	11/2	15/8	21.91		35
HL15-235-0390	2	21/8	39.92		17
HL15-235-0520	21/2	25/8	72.85		20
HL15-235-0650	3	31/8	103.40		13
HL15-235-0860	4	41/8	226.70		6
HL15-235-0975	5	51/8	889.00		2
HL15-235-1100	6	61/8	1,186.00		1
HL15-235-1225	8	81/8	4,387.00		1
Reducing					
HL15-235-0032	3/8 x 1/4	1/2 x 3/8	8.24	25	800
HL15-235-0058	1/2 x 3/8	5/8 x 1/2	13.98	25	500
HL15-235-0059	1/2 x 1/4	5/8 x 3/8	13.96	25	500
HL15-235-0107	3/4 x 1/2	7/8 x 5/8	9.91	25	200
HL15-235-0159	1 x 3/4	11/8 x 7/8	18.16	10	80
HL15-235-0160	1 x 1/2	11/8 x 5/8	20.29	10	80
HL15-235-0222	11/4 x 1	13/8 x 11/8	45.80		50
HL15-235-0223	11/4 x 3/4	13/8 x 7/8	50.20		50
HL15-235-0303	11/2 x 11/4	15/8 x 13/8	60.20		35
HL15-235-0398	2 x 11/2	21/8 x 15/8	81.06		17



90° Short Turn Street Ell Ftg X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-254-0002	1/4	3/8	8.78	25	1200
HL15-254-0025	3/8	1/2	6.06	25	1000
HL15-254-0050	1/2	5/8	2.64	25	500
HL15-254-0090	5/8	3/4	10.49	25	300
HL15-254-0100	3/4	7/8	5.58	25	200
HL15-254-0150	1	11/8	14.29	10	100
HL15-254-0215	11/4	13/8	21.01		50
HL15-254-0295	11/2	15/8	28.07		35
HL15-254-0390	2	21/8	61.12		17
HL15-254-0520	21/2	25/8	95.14		20
HL15-254-0650	3	31/8	133.40		13
HL15-254-0860	4	41/8	296.50		6



90° Long Turn Street Ell Ftg X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-272-0001	1/8	1/4	10.64	25	2000
HL15-272-0002	1/4	3/8	8.12	25	1200
HL15-272-0025	3/8	1/2	15.87	25	750
HL15-272-0050	1/2	5/8	11.67	25	350
HL15-272-0090	5/8	3/4	13.80	25	200
HL15-272-0100	3/4	7/8	13.94	10	120
HL15-272-0150	1	11/8	23.74	10	60
HL15-272-0215	11/4	13/8	34.02		35
HL15-272-0295	11/2	15/8	48.53		25
HL15-272-0390	2	21/8	79.11		12
HL15-272-0520	21/2	25/8	141.90		16
HL15-272-0650	3	31/8	213.92		8
HL15-272-0860	4	41/8	655.64		3



45° EII C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-290-0001	1/8	1/4	11.96	25	2000
HL15-290-0002	1/4	3/8	8.93	25	2000
HL15-290-0025	3/8	1/2	7.64	25	800
HL15-290-0050	1/2	5/8	3.15	25	500
HL15-290-0090	5/8	3/4	13.39	25	300
HL15-290-0100	3/4	7/8	5.37	25	200
HL15-290-0150	1	1 1/8	13.48	10	100
HL15-290-0215	1 1/4	1 3/8	18.06		60
HL15-290-0295	1 1/2	1 5/8	22.19		40
HL15-290-0390	2	2 1/8	37.05		18
HL15-290-0520	2 1/2	2 5/8	71.97		20
HL15-290-0650	3	3 1/8	100.40		15
HL15-290-0860	4	4 1/8	207.10		6
HL15-290-0975	5	5 1/8	751.00		4
HL15-290-1100	6	6 1/8	1,184.00		2



Fitting Reducer (Continued)					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-410-0400	2 x 1	2 1/8 x 1 1/8	33.42		50
HL15-410-0401	2 x 3/4	2 1/8 x 7/8	33.42		50
HL15-410-0402	2 x 1/2	2 1/8 x 5/8	35.48		50
HL15-410-0531	2 1/2 x 2	2 5/8 x 2 1/8	57.56		30
HL15-410-0532	2 1/2 x 1 1/2	2 5/8 x 1 5/8	58.78		30
HL15-410-0533	2 1/2 x 1 1/4	2 5/8 x 1 3/8	59.85		30
HL15-410-0534	2 1/2 x 1	2 5/8 x 1 1/8	66.97		30
HL15-410-0662	3 x 2 1/2	3 1/8 x 2 5/8	69.48		15
HL15-410-0663	3 x 2	3 1/8 x 2 1/8	67.95		20
HL15-410-0664	3 x 1 1/2	3 1/8 x 1 5/8	75.92		20
HL15-410-0665	3 x 1 1/4	3 1/8 x 1 3/8	74.23		20
HL15-410-0870	4 x 3	4 1/8 x 3 1/8	141.41		18
HL15-410-0871	4 x 2 1/2	4 1/8 x 2 5/8	147.04		18
HL15-410-0872	4 x 2	4 1/8 x 2 1/8	154.80		18
HL15-410-0874	4 x 1 1/4	4 1/8 x 1 3/8	158.04		20

45° Street EII Ftg X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-295-0002	1/4	3/8	13.30	25	2000
HL15-295-0025	3/8	1/2	10.43	25	800
HL15-295-0050	1/2	5/8	3.74	25	500
HL15-295-0090	5/8	3/4	21.28	25	300
HL15-295-0100	3/4	7/8	5.42	25	200
HL15-295-0150	1	1 1/8	18.16	10	100
HL15-295-0215	1 1/4	1 3/8	22.23		60
HL15-295-0295	1 1/2	1 5/8	27.73		40
HL15-295-0390	2	2 1/8	44.09		18
HL15-295-0520	2 1/2	2 5/8	95.54		20
HL15-295-0650	3	3 1/8	121.70		15
HL15-295-0860	4	4 1/8	577.79		6



Tee C X C X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-460-0001	1/8	1/4	9.47	25	2000
HL15-460-0002	1/4	3/8	10.01	25	1300
HL15-460-0025	3/8	1/2	8.03	25	600
HL15-460-0050	1/2	5/8	2.94	50	500
HL15-460-0090	5/8	3/4	18.37	25	200
HL15-460-0100	3/4	7/8	7.09	20	160
HL15-460-0150	1	1 1/8	21.28	10	60
HL15-460-0215	1 1/4	1 3/8	29.36		35
HL15-460-0295	1 1/2	1 5/8	44.37		20
HL15-460-0390	2	2 1/8	70.57		30
HL15-460-0520	2 1/2	2 5/8	129.83		15
HL15-460-0650	3	3 1/8	186.26		10
HL15-460-0860	4	4 1/8	436.25		5
HL15-460-0975	5	5 1/8	1,336.86		2
HL15-460-1100	6	6 1/8	1,827.00		1




Fitting Reducer Ftg X C					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-410-0007	1/4 x 1/8	3/8 x 1/4	3.40	25	3300
HL15-410-0032	3/8 x 1/4	1/2 x 3/8	3.51	25	1200
HL15-410-0033	3/8 x 1/8	1/2 x 1/4	4.31	25	1200
HL15-410-0058	1/2 x 3/8	5/8 x 1/2	2.99	25	1000
HL15-410-0059	1/2 x 1/4	5/8 x 3/8	3.31	25	1000
HL15-410-0093	5/8 x 1/2	3/4 x 5/8	7.18	25	500
HL15-410-0094	5/8 x 3/8	3/4 x 1/2	7.26	25	500
HL15-410-0149	3/4 x 5/8	7/8 x 3/4	4.57	25	400
HL15-410-0107	3/4 x 1/2	7/8 x 5/8	4.52	25	400
HL15-410-0108	3/4 x 3/8	7/8 x 1/2	5.92	25	400
HL15-410-0109	3/4 x 1/4	7/8 x 3/8	6.37	25	400
HL15-410-1498	1 x 5/8	1 1/8 x 3/4	8.43	10	200
HL15-410-0159	1 x 3/4	1 1/8 x 7/8	7.09	10	160
HL15-410-0160	1 x 1/2	1 1/8 x 5/8	9.06	10	200
HL15-410-0161	1 x 3/8	1 1/8 x 1/2	8.56	10	200
HL15-410-0222	1 1/4 x 1	1 3/8 x 1 1/8	12.93		100
HL15-410-0223	1 1/4 x 3/4	1 3/8 x 7/8	12.68		100
HL15-410-0224	1 1/4 x 1/2	1 3/8 x 5/8	12.68		100
HL15-410-0303	1 1/2 x 1 1/4	1 5/8 x 1 3/8	16.52		100
HL15-410-0304	1 1/2 x 1	1 5/8 x 1 1/8	16.52		100
HL15-410-0305	1 1/2 x 3/4	1 5/8 x 7/8	16.84		100
HL15-410-0306	1 1/2 x 1/2	1 5/8 x 5/8	16.84		100
HL15-410-0398	2 x 1 1/2	2 1/8 x 1 5/8	31.10		50
HL15-410-0399	2 x 1 1/4	2 1/8 x 1 3/8	31.10		50





Reducing					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-460-0006	1/4 x 1/4 x 3/8	3/8 x 3/8 x 1/2	23.57	25	500
HL15-460-0013	1/4 x 1/8 x 1/8	3/8 x 1/4 x 1/4	22.08	25	1500
HL15-460-0031	3/8 x 3/8 x 1/2	1/2 x 1/2 x 5/8	15.36	25	350
HL15-460-0032	3/8 x 3/8 x 1/4	1/2 x 1/2 x 3/8	15.90	25	600
HL15-460-0041	3/8 x 1/4 x 1/4	1/2 x 3/8 x 3/8	22.48	25	350
HL15-460-0056	1/2 x 1/2 x 1	5/8 x 5/8 x 1 1/8	28.81	10	70
HL15-460-0057	1/2 x 1/2 x 3/4	5/8 x 5/8 x 7/8	13.48	10	180
HL15-460-0058	1/2 x 1/2 x 3/8	5/8 x 5/8 x 1/2	14.70	25	400
HL15-460-0059	1/2 x 1/2 x 1/4	5/8 x 5/8 x 3/8	14.70	25	400
HL15-460-0060	1/2 x 1/2 x 1/8	5/8 x 5/8 x 1/4	17.37	25	400
HL15-460-0066	1/2 x 3/8 x 1/2	5/8 x 1/2 x 5/8	20.22	25	350
HL15-460-0067	1/2 x 3/8 x 3/8	5/8 x 1/2 x 1/2	20.56	25	400
HL15-460-0075	1/2 x 1/4 x 1/2	5/8 x 3/8 x 5/8	19.12	25	400
HL15-460-0095	5/8 x 5/8 x 1/4	3/4 x 3/4 x 3/8	29.62	25	400
HL15-460-0098	5/8 x 1/2 x 1/2	3/4 x 5/8 x 5/8	29.87	25	200
HL15-460-0106	3/4 x 3/4 x 1	7/8 x 7/8 x 1 1/8	23.60	10	80
HL15-460-0149	3/4 x 3/4 x 5/8	7/8 x 7/8 x 3/4	7.76	10	150
HL15-460-0107	3/4 x 3/4 x 1/2	7/8 x 7/8 x 5/8	6.76	10	170
HL15-460-0108	3/4 x 3/4 x 3/8	7/8 x 7/8 x 1/2	9.23	10	170
HL15-460-0109	3/4 x 3/4 x 1/4	7/8 x 7/8 x 3/8	9.47	10	170
HL15-460-0117	3/4 x 1/2 x 3/4	7/8 x 5/8 x 7/8	8.28	10	120
HL15-460-0118	3/4 x 1/2 x 1/2	7/8 x 5/8 x 5/8	8.28	10	180
HL15-460-0157	1 x 1 x 1 1/2	1 1/8 x 1 1/8 x 1 5/8	68.51		25
HL15-460-0158	1 x 1 x 1 1/4	1 1/8 x 1 1/8 x 1 3/8	48.42		35
HL15-460-1498	1 x 1 x 5/8	1 1/8 x 1 1/8 x 3/4	32.10	10	70
HL15-460-0159	1 x 1 x 3/4	1 1/8 x 1 1/8 x 7/8	21.78	10	60

Tee (Continued)					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-460-0160	1 x 1 x 1/2	11/8 x 11/8 x 5/8	21.78	10	100
HL15-460-0161	1 x 1 x 3/8	11/8 x 11/8 x 1/2	26.25	10	100
HL15-460-0169	1 x 3/4 x 1	11/8 x 7/8 x 11/8	25.90	10	60
HL15-460-0170	1 x 3/4 x 3/4	11/8 x 7/8 x 7/8	25.90	10	60
HL15-460-0171	1 x 3/4 x 1/2	11/8 x 7/8 x 5/8	25.90	10	60
HL15-460-0180	1 x 1/2 x 1	11/8 x 5/8 x 11/8	25.90	10	60
HL15-460-0181	1 x 1/2 x 3/4	11/8 x 5/8 x 7/8	27.27	10	80
HL15-460-0182	1 x 1/2 x 1/2	11/8 x 5/8 x 5/8	25.90	10	100
HL15-460-0220	11/4 x 11/4 x 2	13/8 x 13/8 x 21/8	141.30	10	10
HL15-460-0221	11/4 x 11/4 x 11/2	13/8 x 13/8 x 15/8	68.73	20	20
HL15-460-0222	11/4 x 11/4 x 1	13/8 x 13/8 x 11/8	31.72	40	40
HL15-460-0223	11/4 x 11/4 x 3/4	13/8 x 13/8 x 7/8	31.72	50	50
HL15-460-0224	11/4 x 11/4 x 1/2	13/8 x 13/8 x 5/8	31.72	50	50
HL15-460-0234	11/4 x 1 x 11/4	13/8 x 11/8 x 13/8	41.68	30	30
HL15-460-0235	11/4 x 1 x 1	13/8 x 11/8 x 11/8	40.72	50	50
HL15-460-0236	11/4 x 1 x 3/4	13/8 x 11/8 x 7/8	39.93	50	50
HL15-460-0237	11/4 x 1 x 1/2	13/8 x 11/8 x 5/8	41.68	60	60
HL15-460-0245	11/4 x 3/4 x 11/4	13/8 x 7/8 x 13/8	40.72	35	35
HL15-460-0246	11/4 x 3/4 x 1	13/8 x 7/8 x 11/8	43.85	45	45
HL15-460-0247	11/4 x 3/4 x 3/4	13/8 x 7/8 x 7/8	40.72	50	50
HL15-460-0248	11/4 x 3/4 x 1/2	13/8 x 7/8 x 5/8	45.53	50	50
HL15-460-0256	11/4 x 1/2 x 11/4	13/8 x 5/8 x 13/8	41.68	35	35
HL15-460-0257	11/4 x 1/2 x 1/2	13/8 x 5/8 x 5/8	39.58	75	75
HL15-460-0302	11/2 x 11/2 x 2	15/8 x 15/8 x 21/8	131.60	10	10
HL15-460-0303	11/2 x 11/2 x 11/4	15/8 x 15/8 x 13/8	33.69	25	25
HL15-460-0304	11/2 x 11/2 x 1	15/8 x 15/8 x 11/8	33.69	35	35
HL15-460-0305	11/2 x 11/2 x 3/4	15/8 x 15/8 x 7/8	33.69	35	35
HL15-460-0306	11/2 x 11/2 x 1/2	15/8 x 15/8 x 5/8	33.69	40	40
HL15-460-0315	11/2 x 11/4 x 11/2	15/8 x 13/8 x 15/8	71.74	20	20
HL15-460-0316	11/2 x 11/4 x 11/4	15/8 x 13/8 x 13/8	68.94	30	30
HL15-460-0317	11/2 x 11/4 x 1	15/8 x 13/8 x 11/8	67.57	30	30
HL15-460-0318	11/2 x 11/4 x 3/4	15/8 x 13/8 x 7/8	68.94	40	40
HL15-460-0319	11/2 x 11/4 x 1/2	15/8 x 13/8 x 5/8	71.74	40	40
HL15-460-0328	11/2 x 1 x 11/2	15/8 x 11/8 x 15/8	68.94	20	20
HL15-460-0329	11/2 x 1 x 11/4	15/8 x 11/8 x 13/8	71.74	30	30
HL15-460-0330	11/2 x 1 x 1	15/8 x 11/8 x 11/8	67.57	35	35
HL15-460-0331	11/2 x 1 x 3/4	15/8 x 11/8 x 7/8	68.94	40	40
HL15-460-0332	11/2 x 1 x 1/2	15/8 x 11/8 x 5/8	71.74	40	40
HL15-460-0339	11/2 x 3/4 x 11/2	15/8 x 7/8 x 15/8	67.57	20	20
HL15-460-0340	11/2 x 3/4 x 11/4	15/8 x 7/8 x 13/8	74.12	30	30
HL15-460-0341	11/2 x 3/4 x 1	15/8 x 7/8 x 11/8	71.74	40	40
HL15-460-0342	11/2 x 3/4 x 3/4	15/8 x 7/8 x 7/8	71.74	30	30
HL15-460-0343	11/2 x 3/4 x 1/2	15/8 x 7/8 x 5/8	75.56	40	40
HL15-460-0350	11/2 x 1/2 x 11/2	15/8 x 5/8 x 15/8	69.09	20	20
HL15-460-0351	11/2 x 1/2 x 11/4	15/8 x 5/8 x 13/8	86.37	30	30
HL15-460-0352	11/2 x 1/2 x 1	15/8 x 5/8 x 11/8	88.42	40	40
HL15-460-0397	2 x 2 x 21/2	21/8 x 21/8 x 25/8	262.60	15	15
HL15-460-0398	2 x 2 x 11/2	21/8 x 21/8 x 15/8	54.95	10	10
HL15-460-0399	2 x 2 x 11/4	21/8 x 21/8 x 13/8	61.01	15	15
HL15-460-0400	2 x 2 x 1	21/8 x 21/8 x 11/8	54.95	18	18
HL15-460-0401	2 x 2 x 3/4	21/8 x 21/8 x 7/8	53.31	20	20
HL15-460-0402	2 x 2 x 1/2	21/8 x 21/8 x 5/8	53.31	20	20
HL15-460-0413	2 x 11/2 x 2	21/8 x 15/8 x 21/8	91.77	10	10
HL15-460-0414	2 x 11/2 x 11/2	21/8 x 15/8 x 15/8	89.83	10	10
HL15-460-0415	2 x 11/2 x 11/4	21/8 x 15/8 x 13/8	99.53	10	10
HL15-460-0416	2 x 11/2 x 1	21/8 x 15/8 x 11/8	91.77	20	20
HL15-460-0417	2 x 11/2 x 3/4	21/8 x 15/8 x 7/8	91.77	20	20
HL15-460-0418	2 x 11/2 x 1/2	21/8 x 15/8 x 5/8	94.79	20	20
HL15-460-0429	2 x 11/4 x 2	21/8 x 13/8 x 21/8	95.42	10	10
HL15-460-0430	2 x 11/4 x 11/2	21/8 x 13/8 x 15/8	96.68	15	15
HL15-460-0431	2 x 11/4 x 11/4	21/8 x 13/8 x 13/8	99.53	15	15
HL15-460-0432	2 x 11/4 x 1	21/8 x 13/8 x 11/8	98.61	20	20
HL15-460-0433	2 x 11/4 x 3/4	21/8 x 13/8 x 7/8	98.61	20	20

Tee (Continued)					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-460-0444	2 x 1 x 2	21/8 x 11/8 x 21/8	91.77		15
HL15-460-0445	2 x 1 x 11/2	21/8 x 11/8 x 15/8	87.20		15
HL15-460-0447	2 x 1 x 1	21/8 x 11/8 x 11/8	91.77		20
HL15-460-0457	2 x 3/4 x 2	21/8 x 7/8 x 21/8	91.77		10
HL15-460-0458	2 x 3/4 x 11/2	21/8 x 7/8 x 15/8	87.20		15
HL15-460-0470	2 x 1/2 x 2	21/8 x 5/8 x 21/8	91.77		15
HL15-460-0531	21/2 x 21/2 x 2	25/8 x 25/8 x 21/8	151.35		15
HL15-460-0532	21/2 x 21/2 x 11/2	25/8 x 25/8 x 15/8	151.35		20
HL15-460-0533	21/2 x 21/2 x 11/4	25/8 x 25/8 x 13/8	151.35		20
HL15-460-0534	21/2 x 21/2 x 1	25/8 x 25/8 x 11/8	151.35		25
HL15-460-0535	21/2 x 21/2 x 3/4	25/8 x 25/8 x 7/8	148.12		25
HL15-460-0536	21/2 x 21/2 x 1/2	25/8 x 25/8 x 5/8	151.35		25
HL15-460-0548	21/2 x 2 x 21/2	25/8 x 21/8 x 25/8	195.84		15
HL15-460-0549	21/2 x 2 x 2	25/8 x 21/8 x 21/8	189.50		15
HL15-460-0550	21/2 x 2 x 11/2	25/8 x 21/8 x 15/8	196.24		20
HL15-460-0551	21/2 x 2 x 11/4	25/8 x 21/8 x 13/8	204.05		20
HL15-460-0552	21/2 x 2 x 1	25/8 x 21/8 x 11/8	204.05		20
HL15-460-0564	21/2 x 11/2 x 21/2	25/8 x 15/8 x 25/8	204.05		15
HL15-460-0580	21/2 x 11/4 x 21/2	25/8 x 13/8 x 25/8	215.85		15
HL15-460-0595	21/2 x 1 x 21/2	25/8 x 11/8 x 25/8	215.85		15
HL15-460-0608	21/2 x 3/4 x 21/2	25/8 x 7/8 x 25/8	208.00		15
HL15-460-0662	3 x 3 x 21/2	31/8 x 31/8 x 25/8	171.40		10
HL15-460-0663	3 x 3 x 2	31/8 x 31/8 x 21/8	156.70		13
HL15-460-0664	3 x 3 x 11/2	31/8 x 31/8 x 15/8	156.70		15
HL15-460-0665	3 x 3 x 11/4	31/8 x 31/8 x 13/8	156.70		15
HL15-460-0666	3 x 3 x 1	31/8 x 31/8 x 11/8	156.70		20
HL15-460-0667	3 x 3 x 3/4	31/8 x 31/8 x 7/8	156.70		20
HL15-460-0668	3 x 3 x 1/2	31/8 x 31/8 x 5/8	156.70		10
HL15-460-0677	3 x 21/2 x 3	31/8 x 25/8 x 31/8	271.14		10
HL15-460-0678	3 x 21/2 x 21/2	31/8 x 25/8 x 25/8	261.91		10
HL15-460-0679	3 x 21/2 x 2	31/8 x 25/8 x 21/8	261.91		15
HL15-460-0680	3 x 21/2 x 11/2	31/8 x 25/8 x 15/8	321.22		15
HL15-460-0693	3 x 2 x 3	31/8 x 21/8 x 31/8	271.14		10
HL15-460-0694	3 x 2 x 21/2	31/8 x 21/8 x 25/8	285.40		10
HL15-460-0695	3 x 2 x 2	31/8 x 21/8 x 21/8	255.80		15
HL15-460-0870	4 x 4 x 3	41/8 x 41/8 x 31/8	309.92		5
HL15-460-0871	4 x 4 x 21/2	41/8 x 41/8 x 25/8	335.54		5
HL15-460-0872	4 x 4 x 2	41/8 x 41/8 x 21/8	294.46		6
HL15-460-0873	4 x 4 x 11/2	41/8 x 41/8 x 15/8	278.40		8
HL15-460-0874	4 x 4 x 11/4	41/8 x 41/8 x 13/8	291.53		8
HL15-460-0875	4 x 4 x 1	41/8 x 41/8 x 11/8	278.40		8
HL15-460-0876	4 x 4 x 3/4	41/8 x 41/8 x 7/8	315.58		8
HL15-460-0893	4 x 3 x 4	41/8 x 31/8 x 41/8	581.83		5
HL15-460-0895	4 x 3 x 3	41/8 x 31/8 x 31/8	561.28		5
HL15-460-0914	4 x 2 x 4	41/8 x 21/8 x 41/8	581.83		4
HL15-460-1109	6 x 6 x 4	61/8 x 61/8 x 41/8	1,827.00		2
HL15-460-1233	8 x 8 x 4	81/8 x 81/8 x 41/8	7,052.83		1

Suction Line P-Trap C X C					
					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-533-0050	1/2	5/8	50.39	5	60
HL15-533-0090	5/8	3/4	75.10	5	40
HL15-533-0100	3/4	7/8	56.06	5	40
HL15-533-0150	1	1 1/8	85.19	3	15
HL15-533-0215	1 1/4	1 3/8	153.32	2	10
HL15-533-0295	1 1/2	1 5/8	232.80	2	6
HL15-533-0390	2	2 1/8	476.52	1	4

Union No Lead C X C					
					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HLG15-657-0050	1/2	5/8	19.19	25	200
HLG15-657-0100	3/4	7/8	24.12	25	100
HLG15-657-0150	1	1 1/8	40.57	20	100
HLG15-657-0215	1 1/4	1 3/8	75.60	10	50
HLG15-657-0295	1 1/2	1 5/8	99.57	5	30
HLG15-657-0390	2	2 1/8	169.68	3	18
HLG15-657-0520	2-1/2	2 5/8	371.51	2	8
HLG15-657-0650	3	3 1/8	961.31	2	6

U-Type Strap					
					
HLAC Part #	Nominal Size	OD Size	List Ea.	Bag	Ctn
HL15-947-0001	1/8	1/4	0.86	25	2000
HL15-947-0002	1/4	3/8	0.86	100	2000
HL15-947-0025	3/8	1/2	0.89	25	1300
HL15-947-0050	1/2	5/8	0.98	25	1000
HL15-947-0100	3/4	7/8	1.65	25	600
HL15-947-0150	1	1 1/8	1.70	10	350
HL15-947-0215	1 1/4	1 3/8	2.03		350
HL15-947-0295	1 1/2	1 5/8	2.42		300
HL15-947-0390	2	2 1/8	2.69		300

Symbol of Joint Ends

- C Solder joint fitting end made to receive copper tube diameter
- Ftg. Solder joint fitting end made to copper tube diameter
- F Internal ANSI Standard Taper Pipe Thread-Female
- M External ANSI Standard Taper Pipe Thread-Male

Not recommended for marine or aviation applications. Usage in these applications will void all warranties and liability.

Possession of this price list shall not be construed as an offer to sell the products listed.

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