

# CATALOGUE

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**Flare Fitting**

F=FLARE FITTINGS



Long Flare Nut  
Forged

HI Part No	Size
HLFNL2	1/8
HLFNL3	3/16
HLFNL4	1/4
HLFNL5	5/16
HLFNL6	3/8
HLFNL8	1/2
HLFNL10	5/8
HLFNL12	3/4
HLFNL14	7/8



Short Flare Nut  
Forged

HI Part No	Size
HLFNS2	1/8
HLFNS3	3/16
HLFNS4	1/4
HLFNS5	5/16
HLFNS6	3/8
HLFNS8	1/2
HLFNS10	5/8
HLFNS12	3/4
HLFNS14	7/8



90° Elbow Flare  
x Flare

HI Part No	Size
HLFE55	5/16
HLFE66	3/8
HLFE86	1/2 x 3/8
HLFE88	1/2
HLFE106	5/8 x 3/8
HLFE108	5/8 x 1/2
HLFE1010	5/8
HLFE1212	3/4



90° Elbow  
Flare x Fip

HI Part No	Size
HLFFE42	1/4 x 1/8 FIP
HLFFE44	1/4 x 1/4 FIP
HLFFE64	3/8 x 1/4 FIP
HLFFE66	3/8 x 3/8 FIP
HLFFE68	3/8 x 1/2 FIP
HLFFE612	3/8 x 3/4 FIP
HLFFE84	1/2 x 1/4 FIP
HLFFE86	1/2 x 3/8 FIP
HLFFE88	1/2 x 1/2 FIP
HLFFE812	1/2 x 3/4 FIP
HLFFE106	5/8 x 3/8 FIP
HLFFE108	5/8 x 1/2 FIP
HLFFE1012	5/8 x 3/4 FIP



90° Elbow  
Flare x Mip

HI Part No	Size
HLFME22	1/8 x 1/8 MIP
HLFME32	3/16 x 1/8 MIP
HLFME33	3/16 x 3/16 MIP
HLFME42	1/4 x 1/8 MIP
HLFME44	1/4 x 1/4 MIP
HLFME46	1/4 x 3/8 MIP
HLFME48	1/4 x 1/2 MIP
HLFME52	5/16 x 1/8 MIP
HLFME54	5/16 x 1/4 MIP
HLFME56	5/16 x 3/8 MIP
HLFME62	3/8 x 1/8 MIP
HLFME64	3/8 x 1/4 MIP
HLFME66	3/8 x 3/8 MIP
HLFME68	3/8 x 1/2 MIP
HLFME612	3/8 x 3/4 MIP
HLFME84	1/2 x 1/4 MIP
HLFME86	1/2 x 3/8 MIP
HLFME88	1/2 x 1/2 MIP
HLFME812	1/2 x 3/4 MIP
HLFME106	5/8 x 3/8 MIP
HLFME108	5/8 x 1/2 MIP
HLFME1012	5/8 x 3/4 MIP
HLFME128	3/4 x 1/2 MIP
HLFME1212	3/4 x 3/4 MIP
HLFME1412	7/8 x 3/4 MIP



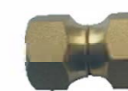
Flare Connector  
Flare x Mip

HI Part No	Size
HLFMA22	1/8 x 1/8 MIP
HLFMA32	3/16 x 1/8 MIP
HLFMA42	1/4 x 1/8 MIP
HLFMA44	1/4 x 1/4 MIP
HLFMA46	1/4 x 3/8 MIP
HLFMA48	1/4 x 1/2 MIP
HLFMA52	5/16 x 1/8 MIP
HLFMA54	5/16 x 1/4 MIP
HLFMA56	5/16 x 3/8 MIP
HLFMA62	3/8 x 1/8 MIP
HLFMA64	3/8 x 1/4 MIP
HLFMA66	3/8 x 3/8 MIP
HLFMA68	3/8 x 1/2 MIP
HLFMA612	3/8 x 3/4 MIP
HLFMA84	1/2 x 1/4 MIP
HLFMA86	1/2 x 3/8 MIP
HLFMA88	1/2 x 1/2 MIP
HLFMA812	1/2 x 3/4 MIP
HLFMA106	5/8 x 3/8 MIP
HLFMA108	5/8 x 1/2 MIP
HLFMA1012	5/8 x 3/4 MIP
HLFMA128	3/4 x 1/2 MIP
HLFMA1212	3/4 x 3/4 MIP
HLFMA1412	7/8 x 3/4 MIP



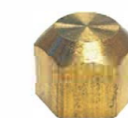
Flare Connector  
Male Flare  
x Female Flare

HI Part No	Size
HLFFMFA42	1/4 x 1/8
HLFFMFA44	1/4 x 1/4
HLFFMFA52	5/16 x 1/8
HLFFMFA54	1/4 x 3/8
HLFFMFA46	1/4 x 1/2
HLFFMFA48	3/8 x 1/4
HLFFMFA64	3/8 x 3/8
HLFFMFA66	3/8 x 1/2
HLFFMFA68	3/8 x 3/4
HLFFMFA612	1/2 x 1/4
HLFFMFA84	1/2 x 3/8
HLFFMFA86	1/2 x 1/2
HLFFMFA88	1/2 x 5/8
HLFFMFA810	1/2 x 3/4
HLFFMFA812	5/8 x 1/2
HLFFMFA108	5/8 x 3/4
HLFFMFA1012	5/8 x 3/4
HLFFMFA128	3/4 x 1/2
HLFFMFA1210	3/4 x 5/8



Swivel Nut Union

HI Part No	Size
HLFSU44	1/4
HLFSU55	5/16
HLFSU66	3/8
HLFSU64	3/8 x 1/4
HLFSU86	1/2 x 3/8
HLFSU88	1/2
HLFSU108	5/8 x 1/2
HLFSU1010	5/8
HLFSU1212	3/4



Flare Cap

HI Part No	Size
HLFC3	3/16
HLFC4	1/4
HLFC5	5/16
HLFC6	3/8
HLFC8	1/2
HLFC10	5/8
HLFC12	3/4
HLFC15	15/16



Plug

HI Part No	Size
HLFP3	3/16
HLFP4	1/4
HLFP5	5/16
HLFP6	3/8
HLFP8	1/2
HLFP10	5/8
HLFP12	3/4

**Flare Fitting**

F=FLARE FITTINGS



Tee

HI Part No	Size
HLFT222	1/8
HLFT333	3/16
HLFT444	1/4
HLFT555	5/16
HLFT666	3/8
HLFT886	1/2 × 1/2 × 3/8
HLFT888	1/2
HLFT101010	5/8
HLFT121212	3/4
HLFT141414	7/8



Cross

HI Part No	Size
HLFCS6666	3/8
HLFCS8888	1/2



Bonnett

HI Part No	Size
HLFB4	1/4
HLFB5	5/16
HLFB6	3/8
HLFB8	1/2
HLFB10	5/8



Flare Gasket

HI Part No	Size
HLFG4	1/4
HLFG5	5/16
HLFG6	3/8
HLFG8	1/2
HLFG10	5/8
HLFG12	3/4



Flare Connector  
Male Flare X Fip

HI Part No	Size
HLFFA22	1/8 × 1/8 FIP
HLFFA32	3/16 × 1/8 FIP
HLFFA42	1/4 × 1/8 FIP
HLFFA44	1/4 × 1/4 FIP
HLFFA46	1/4 × 3/8 FIP
HLFFA48	1/4 × 1/2 FIP
HLFFA52	5/16 × 1/8 FIP
HLFFA54	5/16 × 1/4 FIP
HLFFA62	3/8 × 1/8 FIP
HLFFA64	3/8 × 1/4 FIP
HLFFA66	3/8 × 3/8 FIP
HLFFA68	3/8 × 1/2 FIP
HLFFA612	3/8 × 3/4 FIP
HLFFA84	1/2 × 1/4 FIP
HLFFA86	1/2 × 3/8 FIP
HLFFA88	1/2 × 1/2 FIP
HLFFA810	1/2 × 5/8 FIP
HLFFA812	1/2 × 3/4 FIP
HLFFA106	5/8 × 3/8 FIP
HLFFA108	5/8 × 1/2 FIP
HLFFA1012	5/8 × 3/4 FIP
HLFFA128	3/4 × 1/2 FIP
HLFFA1212	3/4 × 3/4 FIP
HLFFA1412	7/8 × 3/4 FIP

**Compression Fitting**

C=COMPRESSION



Compression X Fip  
Connector

HI Part No	Size
HL CFA22	1/8 COMP × 1/8 FIP
HL CFA32	3/16 COMP × 1/8 FIP
HL CFA33	3/16 COMP × 3/16 FIP
HL CFA42	1/4 COMP × 1/8 FIP
HL CFA44	1/4 COMP × 1/4 FIP
HL CFA46	1/4 COMP × 3/8 FIP
HL CFA48	1/4 COMP × 1/2 FIP
HL CFA52	5/16 COMP × 1/8 FIP
HL CFA54	5/16 COMP × 1/4 FIP
HL CFA62	3/8 COMP × 1/8 FIP

HL CFA64	3/8 COMP × 1/4 FIP
HL CFA66	3/8 COMP × 3/8 FIP
HL CFA68	3/8 COMP × 1/2 FIP
HL CFA84	1/2 COMP × 1/4 FIP
HL CFA86	1/2 COMP × 3/8 FIP
HL CFA88	1/2 COMP × 1/2 FIP
HL CFA812	1/2 COMP × 3/4 FIP
HL CFA106	5/8 COMP × 3/8 FIP
HL CFA108	5/8 COMP × 1/2 FIP
HL CFA1012	5/8 COMP × 3/4 FIP
HL CFA128	3/4 COMP × 1/2 FIP
HL CFA1212	3/4 COMP × 3/4 FIP
HL CFA148	7/8 COMP × 1/2 FIP
HL CFA1412	7/8 COMP × 3/4 FIP
HL CFA1414	7/8 COMP × 7/8 FIP



Compression X Mip  
Connector

HI Part No	Size
HL CMA22	1/8 COMP × 1/8 MIP
HL CMA32	3/16 COMP × 1/8 MIP
HL CMA36	3/16 COMP × 3/8 MIP
HL CMA42	1/4 COMP × 1/8 MIP
HL CMA44	1/4 COMP × 1/4 MIP
HL CMA46	1/4 COMP × 3/8 MIP
HL CMA48	1/4 COMP × 1/2 MIP
HL CMA52	5/16 COMP × 1/8 MIP
HL CMA54	5/16 COMP × 1/4 MIP
HL CMA56	5/16 COMP × 3/8 MIP
HL CMA62	3/8 COMP × 1/8 MIP
HL CMA64	3/8 COMP × 1/4 MIP
HL CMA66	3/8 COMP × 3/8 MIP
HL CMA68	3/8 COMP × 1/2 MIP
HL CMA612	3/8 COMP × 3/4 MIP
HL CMA74	7/16 COMP × 1/4 MIP
HL CMA76	7/16 COMP × 3/8 MIP
HL CMA84	1/2 COMP × 1/4 MIP
HL CMA86	1/2 COMP × 3/8 MIP
HL CMA88	1/2 COMP × 1/2 MIP
HL CMA812	1/2 COMP × 3/4 MIP
HL CMA106	5/8 COMP × 3/8 MIP
HL CMA108	5/8 COMP × 1/2 MIP
HL CMA1012	5/8 COMP × 3/4 MIP
HL CMA1212	3/4 COMP × 3/4 MIP
HL CMA1412	7/8 COMP × 3/4 MIP



Compression Elbow

HI Part No	Size
HL CE22	1/8 COMP × 1/8 COMP
HL CE33	3/16 COMP × 3/16 COMP
HL CE44	1/4 COMP × 1/4 COMP
HL CE55	5/16 COMP × 5/16 COMP
HL CE66	3/8 COMP × 3/8 COMP
HL CE77	7/16 COMP × 7/16 COMP
HL CE88	1/2 COMP × 1/2 COMP
HL CE1010	5/8 COMP × 5/8 COMP
HL CE1212	3/4 COMP × 3/4 COMP
HL CE1414	7/8 COMP × 7/8 COMP
HL CE64	3/8 COMP × 1/4 COMP
HL CE86	1/2 COMP × 3/8 COMP
HL CE106	5/8 COMP × 3/8 COMP
HL CE108	5/8 COMP × 1/2 COMP



Compression X Mip  
Elbow

HI Part No	Size
HLCME22	1/8 COMP × 1/8 MIP
HLCME32	3/16 COMP × 1/8 MIP
HLCME34	3/16 COMP × 1/4 MIP
HLCME36	3/16 COMP × 3/8 MIP
HLCME42	1/4 COMP × 1/8 MIP
HLCME44	1/4 COMP × 1/4 MIP
HLCME46	1/4 COMP × 3/8 MIP
HLCME48	1/4 COMP × 1/2 MIP
HLCME52	5/16 COMP × 1/8 MIP
HLCME54	5/16 COMP × 1/4 MIP
HLCME56	5/16 COMP × 3/8 MIP
HLCME62	3/8 COMP × 1/8 MIP
HLCME64	3/8 COMP × 1/4 MIP
HLCME66	3/8 COMP × 3/8 MIP
HLCME68	3/8 COMP × 1/2 MIP
HLCME74	7/16 COMP × 1/4 MIP
HLCME76	7/16 COMP × 3/8 MIP
HLCME84	1/2 COMP × 1/4 MIP
HLCME86	1/2 COMP × 3/8 MIP
HLCME88	1/2 COMP × 1/2 MIP
HLCME812	1/2 COMP × 3/4 MIP
HLCME106	5/8 COMP × 3/8 MIP
HLCME108	5/8 COMP × 1/2 MIP
HLCME1012	5/8 COMP × 3/4 MIP
HLCME1212	3/4 COMP × 3/4 MIP
HLCME1412	7/8 COMP × 3/4 MIP

**Compression Fitting**

C=COMPRESSION



Compression X Fip Elbow

HI Part No	Size
HLCFE44	1/4COMP X 1/4FIP
HLCFE66	3/8COMP X 3/8FIP
HLCFE84	1/2COMP X 1/4FIP
HLCFE86	1/2COMP X 3/8FIP
HLCFE88	1/2COMP X 1/2FIP
HLCFE108	5/8COMP X 1/2FIP



Compression Tee

HI Part No	Size
HLCT222	1/8COMP
HLCT333	3/16COMP
HLCT444	1/4COMP
HLCT555	5/16COMP
HLCT666	3/8COMP
HLCT777	7/16COMP
HLCT888	1/2COMP
HLCT101010	5/8COMP
HLCT121212	3/4COMP
HLCT141414	7/8COMP
HLCT446	1/4 X 1/4 X 3/8COMP
HLCT664	3/8 X 3/8 X 1/4COMP
HLCT644	3/8 X 1/4 X 1/4COMP
HLCT886	1/2 X 1/2 X 3/8COMP
HLCT10106	5/8 X 5/8 X 3/8COMP
HLCT10108	5/8 X 5/8 X 1/2COMP



Compression X Mip Tee

HI Part No	Size
HLCMT444	1/4COMP X 1/4COMP X 1/4MIP
HLCMT555	5/16COMP X 5/16COMP X 5/16MIP
HLCMT666	3/8COMP X 3/8COMP X 3/8MIP
HLCMT888	1/2COMP X 1/2COMP X 1/2MIP
HLCMT101010	5/8COMP X 5/8COMP X 5/8MIP
HLCMT121212	3/4COMP X 3/4COMP X 3/4MIP
HLCMT442	1/4COMP X 1/4COMP X 1/8MIP
HLCMT554	5/16COMP X 5/16COMP X 1/4MIP
HLCMT665	3/8COMP X 3/8COMP X 5/16MIP
HLCMT886	1/2COMP X 1/2COMP X 3/8MIP
HLCMT10108	5/8COMP X 5/8COMP X 1/2MIP



Compression Union

HI Part No	Size
HLCU22	1/8COMP
HLCU33	3/16COMP
HLCU44	1/4COMP
HLCU55	5/16COMP
HLCU66	3/8COMP
HLCU64	3/8COMP X 1/4COMP
HLCU77	7/16COMP
HLCU88	1/2COMP
HLCU86	1/2COMP X 3/8COMP
HLCU1010	5/8COMP
HLCU1212	3/4COMP
HLCU1414	7/8COMP
HLCU106	5/8COMP X 3/8COMP
HLCU108	5/8COMP X 1/2COMP



Compression Insert

HI Part No	Size
HLCI4	1/4COMP
HLCI5	5/16COMP
HLCI6	3/8COMP
HLCI8	1/2COMP
HLCI10	5/8COMP



Compression Cap

HI Part No	Size
HLCC2	1/8COMP
HLCC3	3/16COMP
HLCC4	1/4COMP
HLCC5	5/16COMP
HLCC6	3/8COMP
HLCC7	7/16COMP
HLCC8	1/2COMP
HLCC10	5/8COMP
HLCC12	3/4COMP
HLCC14	7/8COMP



Compression Nut

HI Part No	Size
HLCN2	1/8COMP
HLCN3	3/16COMP
HLCN4	1/4COMP
HLCN5	5/16COMP
HLCN6	3/8COMP
HLCN7	7/16COMP
HLCN8	1/2COMP
HLCN10	5/8COMP
HLCN12	3/4COMP
HLCN14	7/8COMP



Compression Sleeve

HI Part No	Size
HLCS2	1/8COMP
HLCS3	3/16COMP
HLCS4	1/4COMP
HLCS5	5/16COMP
HLCS6	3/8COMP
HLCS7	7/16COMP
HLCS8	1/2COMP
HLCS10	5/8COMP
HLCS12	3/4COMP
HLCS14	7/8COMP

**Pex Fitting**



Sweat Adapter Pex X Sweat Adapter

HI Part No	Size
HLPXMSA23	3/8" X 1/2" M
HLPXMSA33	1/2" X 1/2" M
HLPXMSA44	3/4" X 3/4" M
HLPXMSA55	1" X 1" M
HLPXFA33	1/2" X 1/2" F
HLPXFA44	3/4" X 3/4" F
HLPXFA55	1" X 1" F



Thread Adapter Pex X Fpt

HI Part No	Size
HLPXFTA23	3/8" X 1/2" F
HLPXFTA33	1/2" X 1/2" F
HLPXFTA34	1/2" X 3/4" F
HLPXFTA44	3/4" X 3/4" F
HLPXFTA45	3/4" X 1" F
HLPXFTA55	1" X 1" F



Thread Adapter Pex X Mpt

HI Part No	Size
HLPXMTA23	3/8" X 1/2" M
HLPXMTA33	1/2" X 1/2" M
HLPXMTA34	1/2" X 3/4" M
HLPXMTA43	3/4" X 1/2" M
HLPXMTA44	3/4" X 3/4" M
HLPXMTA45	3/4" X 1" M
HLPXMTA54	1" X 3/4" M
HLPXMTA55	1" X 1" M



Tee Run X Run X Branch

HI Part No	Size
HLPXT222	3/8"
HLPXT223	3/8" X 3/8" X 1/2"
HLPXT322	1/2" X 3/8" X 3/8"
HLPXT323	1/2" X 3/8" X 1/2"
HLPXT332	1/2" X 1/2" X 3/8"
HLPXT333	1/2"
HLPXT334	1/2" X 1/2" X 3/4"
HLPXT433	3/4" X 1/2" X 1/2"
HLPXT434	3/4" X 1/2" X 3/4"
HLPXT442	3/4" X 3/4" X 3/8"
HLPXT443	3/4" X 3/4" X 1/2"
HLPXT444	3/4"
HLPXT445	3/4" X 3/4" X 1"
HLPXT544	1" X 3/4" X 3/4"
HLPXT553	<b>1" X 1" X 1/2"</b>
HLPXT554	1" X 1" X 3/4"
HLPXT555	1"

**Pex Fitting**



Elbow  
Crimp X Crimp

HI Part No	Size
HL PXE22	3/8"
HL PXE32	1/2" X 3/8"
HL PXE33	1/2"
HL PXE43	3/4" X 1/2"
HL PXE44	3/4"
HL PXE55	1"



Elbow  
Crimp X Mpt

HI Part No	Size
HL PXMTE23	3/8" X 1/2"
HL PXMTE32	1/2" X 3/8"
HL PXMTE33	1/2" X 1/2"
HL PXMTE34	1/2" X 3/4"
HL PXMTE44	3/4" X 3/4"
HL PXMTE45	3/4" X 1"



Elbow  
Crimp X Sweat Elbow

HI Part No	Size
HL PXMSE33	1/2" X 1/2" M
HL PXMSE34	1/2" X 3/4" M
HL PXMSE44	3/4" X 3/4" M
HL PXFSE33	F 1/2" X 1/2"
HL PXFSE34	1/2" X 3/4" F
HL PXFSE44	3/4" X 3/4" F



Drop Ear Elbow  
Pex X Fpt

HI Part No	Size
HL PXDE33	1/2" X 1/2" F
HL PXDE34	1/2" X 3/4" F
HL PXDE44	3/4" X 3/4" F



Swivel Adapter  
Pex X Fpt

HI Part No	Size
HL PXSA23	3/8" X 1/2" (PLASTIC NUT)
HL PXSA33	1/2" X 1/2" (PLASTIC NUT)
HL PXSA34	1/2" X 3/4" (PLASTIC NUT)
HL PXSA44	3/4" X 3/4" (PLASTIC NUT)
HL PXSA33-B	1/2" X 1/2" (BRASS NUT)
HL PXSA34-B	1/2" X 3/4" (BRASS NUT)
HL PXSA44-B	3/4" X 3/4" (BRASS NUT)



Swivel Elbow  
Pex X Fpt

HI Part No	Size
PXSE23	3/8" X 1/2" F (PLASTIC NUT)
PXSE33	1/2" X 1/2" F (PLASTIC NUT)
PXSE44	3/4" X 3/4" F (PLASTIC NUT)
PXSE23-B	3/8" X 1/2" F (BRASS NUT)
PXSE33-B	1/2" X 1/2" F (BRASS NUT)
PXSE44-B	3/4" X 3/4" F (BRASS NUT)



Plug

HI Part No	Size
HL PXP2	3/8"
HL PXP3	1/2"
HL PXP4	3/4"
HL PXP5	1"



Coupling

HI Part No	Size
HL PXC22	3/8"
HL PXC32	3/8" X 1/2"
HL PXC33	1/2"
HL PXC43	3/4" X 1/2"
HL PXC44	3/4"
HL PXC54	1" X 3/4"
HL PXC55	1"



Transition Coupling  
Pex X Pb

HI Part No	Size
HL PXBC22	3/8" X 3/8"
HL PXBC33	1/2" X 1/2"
HL PXBC44	3/4" X 3/4"
HL PXBC55	1" X 1"



Copper Crimp Ring (black)

HI Part No	Size
HL PXCR2	3/8"
HL PXCR3	1/2"
HL PXCRJ	5/8"
HL PXCR4	3/4"
HL PXCR5	1"
HL PXCR6	1 1/4"

**Barstock Fittings**

Other Sizes & Types Are Available  
B=BAR STOCK FITTINGS



CC Uni on Bar Stock

HI Part No	Size
HLBU88	1/2"
HLBU1212	3/4"



CF Adapter Barstock

HI Part No	Size
HLBFA84	1/2 X 1/4
HLBFA86	1/2 X 3/8
HLBFA88	1/2
HLBFA128	3/4 X 1/2
HLBFA812	1/2 X 3/4
HLBFA1212	3/4
HLBFA1216	3/4 X 1



CM Adapter  
Barstock

HI Part No	Size
HLBMA84	1/2 X 1/4
HLBMA86	1/2 X 3/8
HLBMA88	1/2
HLBMA1212	3/4
HLBMA128	3/4 X 1/2
HLBMA812	1/2 X 3/4
HLBMA1612	1 X 3/4
HLBMA1616	1



Ftg X Fem Bar  
Flush Bush

HI Part No	Size
HLBFB82	1/2 X 1/8
HLBFB84	1/2 X 1/4
HLBFB122	3/4 X 1/8

**Extruded Fittings**

Other Sizes & Types Are Available  
X=EXTRUDED FITTINGS



90° Elbow, Fpt,  
Extruded

HI Part No	Size
HLXE22	1/8 X 1/8
HLXE44	1/4 X 1/4
HLXE66	3/8 X 3/8
HLXE88	1/2 X 1/2



Tee, Fpt,  
Extruded

HI Part No	Size
HLXT2	1/8 X 1/8 X 1/8
HLXT4	1/4 X 1/4 X 1/4
HLXT6	3/8 X 3/8 X 3/8
HLXT8	1/2 X 1/2 X 1/2

**Extruded Fittings**

Other Sizes & Types Are Available  
X=EXTRUDED FITTINGS



45° Elbow, Fpt,  
Extruded

HI Part No	Size
HLXL2	1/8
HLXL4	1/4



Male Branch Tee,  
Fpt×Fpt×Mpt,  
Extruded

HI Part No	Size
HLXTFFM2	1/8F×1/8F×1/8M
HLXTFFM4	1/4F×1/4F×1/4M
HLXTFFM6	3/8F×3/8F×3/8M



Street Tee,  
Fpt×Mpt×Fpt,  
Extruded

HI Part No	Size
HLXTFMF2	1/8F×1/8M×1/8F
HLXTFMF4	1/4F×1/4M×1/4F
HLXTFMF6	3/8F×3/8M×3/8F
HLXTFMF8	1/2F×1/2M×1/2F



90° Street  
Elbow,  
Fpt×Mpt,  
Extruded

HI Part No	Size
HLXEFM22	1/8F×1/8M
HLXEFM44	1/4F×1/4M
HLXEFM42	1/4F×1/8M
HLXEFM66	3/8F×3/8M
HLXEFM86	1/2F×3/8M
HLXEFM88	1/2F×1/2M
HLXEFM1010	3/4F×3/4M



45° Street  
Elbow,  
Fpt×Mpt,  
Extruded

HI Part No	Size
HLXLFM22	1/8F×1/8M
HLXLFM44	1/4F×1/4M
HLXLFM66	3/8F×3/8M
HLXLFM88	1/2F×1/2M
HLXLFM1212	3/4F×3/4M

**Water Hose Fitting**

Other Sizes & Types Are Available  
H=HOSE FITTINGS



Brass Water Hose Fittings  
Connector, Hose Barb To  
Male Water Hose

HI Part No	Size
HLWMC66	3/8×3/8
HLWMC88	1/2×1/2
HLWMC1010	5/8×5/8
HLWMC1212	3/4×3/4
HLWMC1616	1×1



Brass Water Hose Fitting  
Swivel Connector, Hose  
Barb×Female Water Hose

HI Part No	Size
HLWFC66	3/8×3/8
HLWFC88	1/2×1/2
HLWFC1010	5/8×5/8
HLWFC1212	3/4×3/4
HLWFC1616	1×1



Knurled Cap  
Nut

HI Part No	Size
HLWT 1212	3/4" FHT



Open Hex Nut

HI Part No	Size
HLWFN 122	3/4" FHT×1/8" FIP



Coupling Female  
Hose To Male Pipe

HI Part No	Size
HLWFMA126	3/4" FHT×3/8" MIP
HLWFMA128	3/4" FHT×1/2" MIP



Coupling Male  
Hose To Male Pipe

HI Part No	Size
HLWMA128	3/4" MHT×1/2" MIP
HLWMA1212	3/4" MHT×3/4" MIP



Coupling  
Male  
Hose To  
Female Pipe

HI Part No	Size
HLWMFA128	3/4" MHT×1/2" FIP
HLWMFA1212	3/4" MHT×3/4" FIP



Coupling  
Male  
Hose To  
Male Hose

HI Part No	Size
HLWMMC66	3/8" MHT×3/8" MHT
HLWMMC88	1/2" MHT×1/2" MHT
HLWMMC1212	3/4" MHT×3/4" MHT



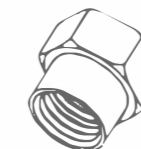
Coupling  
Female  
Hose To Male  
Pipe

HI Part No	Size
HLWFMA128	3/4" FHT×1/2" MIP
HLWFMA1212	3/4" FHT×3/4" MIP



Coupling  
Female  
Hose To  
Female Hose

HI Part No	Size
HLWFFC66	3/8" FHT×3/8" FHT
HLWFFC88	1/2" FHT×1/2" FHT
HLWFFC1212	3/4" FHT×3/4" FHT



Coupling  
Female  
Hose to Female  
pipe

HI Part No	Size
HLWFFA128	3/4" FHT×1/2" FIP
HLWFFA1212	3/4" FHT×3/4" FIP



Swivel Coupling  
Female Hose  
× female Pipe

HI Part No	Size
HLWFSA128	3/4" FHT×1/2" FIP (SWVEL)
HLWFSA1212	3/4" FHT×3/4" FIP (SWVEL)



Swivel Coupling  
Female Hose  
Both Ends

HI Part No	Size
HLWFSC128	3/4" FHT×1/2" FHT (SWVEL)
HLWFSC1212	3/4" FHT×3/4" FHT (SWVEL)

Hose Barb Fitting



Hose X Mip Coupler  
Hose Barb To Male  
Pipe

HI Part No	Size
HLHMA22	1/8" X 1/8"M
HLHMA24	1/8" X 1/4"M
HLHMA32	3/16" X 1/8"M
HLHMA34	3/16" X 1/4"M
HLHMA42	1/4" X 1/8"M
HLHMA44	1/4" X 1/4"M
HLHMA46	1/4" X 3/8"M
HLHMA48	1/4" X 1/2"M
HLHMA52	5/16" X 1/8"M
HLHMA54	5/16" X 1/4"M
HLHMA56	5/16" X 3/8"M
HLHMA58	5/16" X 1/2"M
HLHMA62	3/8" X 1/8"M
HLHMA64	3/8" X 1/4"M
HLHMA66	3/8" X 3/8"M
HLHMA68	3/8" X 1/2"M
HLHMA612	3/8" X 3/4"M
HLHMA84	1/2" X 1/4"M
HLHMA86	1/2" X 3/8"M
HLHMA88	1/2" X 1/2"M
HLHMA812	1/2" X 3/4"M
HLHMA106	5/8" X 3/8"M
HLHMA108	5/8" X 1/2"M
HLHMA1012	5/8" X 3/4"M
HLHMA128	3/4" X 1/2"M
HLHMA1212	3/4" X 3/4"M
HLHMA1612	1" X 3/4"M
HLHMA1616	1" X 1"M



Coupling  
Hose Barb

HI Part No	Size
HLHC22	1/8"
HLHC33	3/16"
HLHC44	1/4"
HLHC55	5/16"
HLHC66	3/8"
HLHC88	1/2"
HLHC1010	5/8"

HLHC1212	3/4"
HLHC64	3/8" X 1/4"
HLHC86	1/2" X 3/8"
HLHC108	5/8" X 1/2"
HLHC1210	3/4" X 5/8"



Elbow Hose Barb  
Both Ends

HI Part No	Size
HLHE44	1/4"
HLHE55	5/16"
HLHE66	3/8"
HLHE88	1/2"



Tee Hose Barb  
All Ends

HI Part No	Size
HLHT444	1/4"
HLHT555	5/16"
HLHT666	3/8"
HLHT888	1/2"



90° Elbow Hose Barb To  
Male Pipe

HI Part No	Size
HLHME32	3/16" X 1/8"M
HLHME42	1/4" X 1/8"M
HLHME44	1/4" X 1/4"M
HLHME46	1/4" X 3/8"M
HLHME52	5/16" X 1/8"M
HLHME54	5/16" X 1/4"M
HLHME56	5/16" X 3/8"M
HLHME62	3/8" X 1/8"M
HLHME64	3/8" X 1/4"M
HLHME66	3/8" X 3/8"M
HLHME68	3/8" X 1/2"M
HLHME84	1/2" X 1/4"M
HLHME86	1/2" X 3/8"M
HLHME88	1/2" X 1/2"M
HLHME106	5/8" X 3/8"M
HLHME108	5/8" X 1/2"M
HLHME128	3/4" X 1/2"M
HLHME1212	3/4" X 3/4"M



45° Elbow Hose Barb  
To Male Pipe

HI Part No	Size
HLHMP42	1/4" X 1/8"M
HLHMP44	1/4" X 1/4"M
HLHMP52	5/16" X 1/8"M
HLHMP62	3/8" X 1/8"M
HLHMP64	3/8" X 1/4"M
HLHMP66	3/8" X 3/8"M
HLHMP86	1/2" X 3/8"M
HLHMP106	5/8" X 3/8"M



90° Elbow Hose Barb  
To Female Pipe

HI Part No	Size
HLHFE42	1/4" X 1/8"F
HLHFE68	3/8" X 1/2"F



Swivel Coupler  
Hose Barb Flat Seat  
With Gasket To  
Female Straight Pipe

HI Part No	Size
HLHSA22	1/8" X 1/8"F
HLHSA34	3/16" X 1/4"F
HLHSA42	1/4" X 1/8"F
HLHSA44	1/4" X 1/4"F
HLHSA46	1/4" X 3/8"F
HLHSA56	5/16" X 3/8"F
HLHSA64	3/8" X 1/4"F
HLHSA66	3/8" X 3/8"F
HLHSA68	3/8" X 1/2"F
HLHSA88	1/2" X 1/2"F
HLHSA812	1/2" X 3/4"F
HLHSA1212	3/4" X 3/4"F



Coupling Hose Barb To  
Female Pipe

HI Part No	Size
HLHFA22	1/8" X 1/8"F
HLHFA24	1/8" X 1/4"F
HLHFA32	3/16" X 1/8"F
HLHFA34	3/16" X 1/4"F

HLHFA42	1/4" X 1/8"F
HLHFA44	1/4" X 1/4"F
HLHFA46	1/4" X 3/8"F
HLHFA52	5/16" X 1/8"F
HLHFA54	5/16" X 1/4"F
HLHFA56	5/16" X 3/8"F
HLHFA62	3/8" X 1/8"F
HLHFA64	3/8" X 1/4"F
HLHFA66	3/8" X 3/8"F
HLHFA68	3/8" X 1/2"F
HLHFA84	1/2" X 1/4"F
HLHFA86	1/2" X 3/8"F
HLHFA88	1/2" X 1/2"F
HLHFA1212	3/4" X 3/4"F



Swivel Coupler  
Hose Barb To  
Female 45°  
Sae Flare

HI Part No	Size
HLHSF34	3/16" X 1/4"F
HLHSF44	1/4" X 1/4"F
HLHSF45	1/4" X 5/16"F
HLHSF46	1/4" X 3/8"F
HLHSF55	5/16" X 5/16"F
HLHSF56	5/16" X 3/8"F
HLHSF66	3/8" X 3/8"F
HLHSF68	3/8" X 1/2"F
HLHSF88	1/2" X 1/2"F
HLHSF810	1/2" X 5/8"F
HLHSF1010	5/8" X 5/8"F
HLHSF1212	3/4" X 3/4"F



Coupler Hose  
Barb To Male 45°  
S.a.e. Flare

HI Part No	Size
HLHCF44	1/4" X 1/4"M
HLHCF46	1/4" X 3/8"M
HLHCF55	5/16" X 5/16"M
HLHCF66	3/8" X 3/8"M
HLHCF68	3/8" X 1/2"M
HLHCF88	1/2" X 1/2"M

**Giip-tite Hose Fittings**

H=HOSE FITTING S



Grip-Tite, Male pipe

**HI Part No**

**Size**

HLGTBMP42	1/4 × 1/8
HLGTBMP44	1/4 × 1/4
HLGTBMP46	1/4 × 3/8
HLGTBMP52	5/16 × 1/8
HLGTBMP54	5/16 × 1/4
HLGTBMP62	3/8 × 1/8
HLGTBMP64	3/8 × 1/4
HLGTBMP66	3/8 × 3/8
HLGTBMP68	3/8 × 1/2
HLGTBMP84	1/2 × 1/4
HLGTBMP86	1/2 × 3/8
HLGTBMP88	1/2 × 1/2
HLGTBMP812	1/2 × 3/4
HLGTBMP106	5/8 × 3/8
HLGTBMP108	5/8 × 1/2
HLGTBMP1012	5/8 × 3/4
HLGTBMP128	3/4 × 1/2
HLGTBMP1212	3/4 × 3/4



Working Male Pipe Swivel

**HI Part No**

**Size**

HLGTBMS44	1/4 × 1/4
HLGTBMS64	3/8 × 1/4
HLGTBMS66	3/8 × 3/8
HLGTBMS86	1/2 × 3/8
HLGTBMS88	1/2 × 1/2
HLGTBMS1212	3/4 × 3/4



45° S.A.E. Male Flare

**HI Part No**

**Size**

HLGTBMF44-45	1/4 × 1/4
HLGTBMF45-45	1/4 × 5/16
HLGTBMF46-45	1/4 × 3/8
HLGTBMF55-45	5/16 × 5/16
HLGTBMF64-45	3/8 × 1/4
HLGTBMF65-45	3/8 × 5/16
HLGTBMF66-45	3/8 × 3/8
HLGTBMF68-45	3/8 × 1/2

HLGTBMF88-45	1/2 × 1/2
HLGTBMF810-45	1/2 × 5/8
HLGTBMF1210-45	3/4 × 5/8
HLGTBMF1212-45	3/4 × 3/4



45° S.A.E. Female Flare Swivel

**HI Part No**

**Size**

HLGTBFF44-45	1/4 × 1/4
HLGTBFF45-45	1/4 × 5/16
HLGTBFF66-45	3/8 × 3/8
HLGTBFF68-45	3/8 × 1/2
HLGTBFF86-45	1/2 × 3/8
HLGTBFF88-45	1/2 × 1/2
HLGTBFF810-45	1/2 × 5/8
HLGTBFF108-45	5/8 × 1/2
HLGTBFF1010-45	5/8 × 5/8
HLGTBFF1212-45	3/4 × 3/4



Hose Splicer

**HI Part No**

**Size**

HLGTBHS44	1/4
HLGTBHS55	5/16
HLGTBHS66	3/8
HLGTBHS88	1/2
HLGTBHS1010	5/8
HLGTBHS1212	3/4



Female Stright Pipe Swivel (gasket Type)

**HI Part No**

**Size**

HLGTBFG42	1/4 × 1/8
HLGTBFG44	1/4 × 1/4
HLGTBFG64	3/8 × 1/4
HLGTBFG66	3/8 × 3/8
HLGTBFG88	1/2 × 1/2
HLGTBFG1212	3/4 × 3/4



Female Stright Pipe Swivel (ball Type)

**HI Part No**

**Size**

HLGTBFB42	1/4 × 1/8
HLGTBFB44	1/4 × 1/4
HLGTBFB64	3/8 × 1/4
HLGTBFB66	3/8 × 3/8
HLGTBFB88	1/2 × 1/2
HLGTBFB1212	3/4 × 3/4



Rigid Tube Shank

**HI Part No**

**Size**

HLGTBRT43	1/4 × 3/16
HLGTBRT44	1/4 × 1/4
HLGTBRT45	1/4 × 5/16
HLGTBRT55	5/16 × 5/16
HLGTBRT66	3/8 × 3/8
HLGTBRT88	1/2 × 1/2
HLGTBRT1010	5/8 × 5/8
HLGTBRT1212	3/4 × 3/4



45° S.a.e. Male Inverted Flare Swivel

**HI Part No**

**Size**

HLGTBMI43	1/4 × 3/16
HLGTBMI44	1/4 × 1/4
HLGTBMI45	1/4 × 5/16
HLGTBMI54	5/16 × 1/4
HLGTBMI55	5/16 × 5/16
HLGTBMI56	5/16 × 3/8
HLGTBMI65	3/8 × 5/16
HLGTBMI66	3/8 × 3/8
HLGTBMI68	3/8 × 1/2
HLGTBMI86	1/2 × 3/8
HLGTBMI88	1/2 × 1/2
HLGTBMI1010	5/8 × 5/8



45° S.a.e. Female Inverted Flare

**HI Part No**

**Size**

HLGTBFI43	1/4 × 3/16
HLGTBFI44	1/4 × 1/4
HLGTBFI45	1/4 × 5/16
HLGTBFI55	5/16 × 5/16
HLGTBFI65	3/8 × 5/16
HLGTBFI66	3/8 × 3/8
HLGTBFI88	1/2 × 1/2



37° J.I.C. Male Flare

**HI Part No**

**Size**

HLGTBMF44-37	1/4 × 1/4
HLGTBMF45-37	1/4 × 5/16
HLGTBMF46-37	1/4 × 3/8
HLGTBMF55-37	5/16 × 5/16
HLGTBMF64-37	3/8 × 1/4
HLGTBMF65-37	3/8 × 5/16
HLGTBMF66-37	3/8 × 3/8
HLGTBMF68-37	3/8 × 1/2
HLGTBMF88-37	1/2 × 1/2
HLGTBMF810-37	1/2 × 5/8
HLGTBMF1210-37	3/4 × 5/8
HLGTBMF1212-37	3/4 × 3/4



37° J.I.C. Female Flare Swivel

**HI Part No**

**Size**

HLGTBFF44-37	1/4 × 1/4
HLGTBFF45-37	1/4 × 5/16
HLGTBFF66-37	3/8 × 3/8
HLGTBFF68-37	3/8 × 1/2
HLGTBFF86-37	1/2 × 3/8
HLGTBFF88-37	1/2 × 1/2
HLGTBFF810-37	1/2 × 5/8
HLGTBFF108-37	5/8 × 1/2
HLGTBFF1010-37	5/8 × 5/8
HLGTBFF1212-37	3/4 × 3/4



**Giip-tite Hose Fittings**

H=HOSE FITTINGS



90° Elbow Hose Male Pipe

HI Part No	Size
HLGTBME42	1/4 × 1/8
HLGTBME44	1/4 × 1/4
HLGTBME52	5/16 × 1/8
HLGTBME54	5/16 × 1/4
HLGTBME62	3/8 × 1/8
HLGTBME64	3/8 × 1/4
HLGTBME66	3/8 × 3/8
HLGTBME68	3/8 × 1/2
HLGTBME88	1/2 × 1/2
HLGTBME108	5/8 × 1/2
HLGTBME1012	5/8 × 3/4
HLGTBME1212	3/4 × 3/4

**Brass Compression Fittings**



Male Coupling

HI Part No	Size
HLCOMA158	15mm × 1/2 "M
HLCOMA1512	15mm × 3/4 "M
HLCOMA228	22mm × 1/2 "M
HLCOMA2212	22mm × 3/4 "M
HLCOMA2216	22mm × 1 "M
HLCOMA2816	28mm × 1 "M
HLCOMA2820	28mm × 1 1/4 "M
HLCOMA3520	35mm × 1 1/4 "M
HLCOMA4224	42mm × 1 1/2 "M



Female Coupling

HI Part No	Size
HLCOFA158	15mm × 1/2 "F
HLCOFA1512	15mm × 3/4 "F
HLCOFA2212	22mm × 3/4 "F
HLCOFA2216	22mm × 1 "F
HLCOFA2816	28mm × 1 "F
HLCOFA3520	35mm × 1 1/4 "M
HLCOFA4224	42mm × 1 1/2 "M



Coupling

HI Part No	Size
HLCOA1510	15mm × 10mm
HLCOA1515	15mm × 15mm
HLCOA2215	22mm × 15mm
HLCOA2222	22mm × 22mm
HLCOA2815	28mm × 15mm
HLCOA2822	28mm × 22mm
HLCOA2828	28mm × 28mm
HLCOA3515	35mm × 15mm
HLCOA3522	35mm × 22mm
HLCOA3528	35mm × 28mm
HLCOA3535	35mm × 35mm
HLCOA4215	42mm × 15mm
HLCOA4222	42mm × 22mm
HLCOA4228	42mm × 28mm
HLCOA4235	42mm × 35mm
HLCOA4242	42mm × 42mm
HLCOA5415	54mm × 15mm
HLCOA5422	54mm × 22mm
HLCOA5428	54mm × 28mm
HLCOA5435	54mm × 35mm
HLCOA5442	54mm × 42mm
HLCOA5454	54mm × 54mm



Male Elbow

HI Part No	Size
HLCOME158	15mm × 1/2 "M
HLCOME1512	15mm × 3/4 "M
HLCOME2212	22mm × 3/4 "M
HLCOME2816	28 × 1 "M



Female Elbow

HI Part No	Size
HLCOFE158	15mm × 1/2 "F
HLCOFE1512	15mm × 3/4 "F
HLCOFE2212	22mm × 3/4 "M
HLCOFE2816	28mm × 1 "F



Elbow

HI Part No	Size
HLCOE1515	15mm × 15mm
HLCOE2215	22mm × 15mm
HLCOE2222	22mm × 22mm
HLCOE2822	28mm × 22mm
HLCOE2828	28mm × 28mm
HLCOE3535	35mm × 35mm
HLCOE4242	42mm × 42mm
HLCOE5454	54mm × 54mm



Tee

HI Part No	Size
HLC0F27	15mm × 15mm × 1/2 "F
HLC0F28	22mm × 22mm × 3/4 "F
HLC0F29	22mm × 22mm × 1/2 "F
HLC0F30	28mm × 28mm × 1 "F
HLC0F31	15mm × 15mm × 15mm
HLC0F32	22mm × 15mm × 15mm
HLC0F33	22mm × 15mm × 22mm
HLC0F34	22mm × 22mm × 22mm
HLC0F35	28mm × 28mm × 15mm
HLC0F36	28mm × 22mm × 28mm
HLC0F37	28mm × 28mm × 28mm
HLC0F38	35mm × 35mm × 22mm
HLC0F39	35mm × 35mm × 28mm
HLC0F40	35mm × 35mm × 35mm
HLC0F41	42mm × 42mm × 22mm
HLC0F42	42mm × 42mm × 28mm
HLC0F43	42mm × 42mm × 42mm
HLC0F44	54mm × 54mm × 54mm
HLC0F45	54mm × 54mm × 22mm
HLC0F46	54mm × 54mm × 28mm



Stop End

HI Part No	Size
HLC0SE1515	15mm
HLC0SE2222	22mm
HLC0SE2828	28mm
HLC0SE3535	35mm
HLC0SE4242	42mm
HLC0SE5454	54mm



Wall Plated Elbow

HI Part No	Size
HLCOWE158	15mm × 1/2" F
HLCOWE2212	22mm × 3/4" F

**Brass Capillary Fitting**

(BRASS SOLDER FITTING)



Male Coupling

HI Part No	Size
HLSMA158	15mm × 1/2" M
HLSMA2212	22mm × 3/4" M
HLSMA2816	28mm × 1" M
HLSMA1512	15mm × 3/4" M
HLSMA2216	22mm × 1" M



Female Coupling

HI Part No	Size
HLSFA158	15mm × 1/2" F
HLSFA1512	15mm × 3/4" F
HLSFA2212	22mm × 3/4" F
HLSFA2816	28mm × 1" F



Male Elbow

HI Part No	Size
HLSME158	15mm × 1/2" M
HLSME1512	15mm × 3/4" M
HLSME2212	22mm × 3/4" M
HLSME2816	28mm × 1" M



Female Elbow

HI Part No	Size
HLSFE158	15mm × 1/2" F
HLSFE1512	15mm × 3/4" F
HLSFE2212	22mm × 3/4" F
HLSFE2816	28mm × 1" F

**Brass Capillary Fitting**

(BRASS SOLDER FITTING)



Female Tee

**HI Part No**

HLSFT15158  
HLSFT22212  
HLSFT282816

**Size**

15mm×15×1/2" F  
22mm×22×3/4" F  
28mm×28×1" F



Wall Plated Elbow

**HI Part No**

HLSDE158  
HLSDE2212

**Size**

15mm×1/2" F  
22mm×3/4" F

**Pex-Al-Pex Fittings**



Straight Coupler

**Size**

S16  
S20  
S25  
S32  
S20×16  
S25×16  
S25×20  
S30×16  
S32×20  
S32×25



Female Straight Coupler

**Size**

S16×1/2F  
S16×3/4F  
S20×1/2F  
S20×3/4F  
S20×1F  
S25×1/2F  
S25×3/4F  
S25×1F  
S32×1/2F  
S32×3/4F  
S32×1F



Male Straight Coupler

**Size**

S16×1/2M  
S16×3/4M  
S20×1/2M  
S20×3/4M  
S20×1M  
S25×1/2M  
S25×3/4M  
S25×1M  
S32×1/2M  
S32×3/4M  
S32×1M



Elbow

**Size**

L16  
L20  
L25  
L32  
L20×16  
L25×16  
L32×16  
L25×20  
L32×20  
L32×25



Female Elbow

**Size**

L16×1/2F  
L16×3/4F  
L20×1/2F  
L20×3/4F  
L20×1F  
L25×1/2F  
L25×3/4F  
L25×1F  
L32×1/2F  
L32×3/4F  
L32×1F



Male Elbow

**Size**

L16×1/2M  
L16×3/4M  
L20×1/2M  
L20×3/4M  
L20×1M  
L25×1/2M  
L25×3/4M  
L25×1M  
L32×1/2M  
L32×3/4M  
L32×1M



Tee

**Size**

T16×16×16  
T20×20×20  
T25×25×25  
T32×32×32  
T20×16×20  
T16×20×16  
T20×16×16  
T25×16×25  
T32×16×32  
T25×20×25  
T32×20×32  
T32×25×32



Female Tee

**Size**

T16×1/2F×16  
T16×3/4F×16  
T20×1/2F×20  
T20×3/4F×20  
T20×1F×20  
T25×1/2F×25  
T25×3/4F×25  
T25×1F×25  
T32×1/2F×32  
T32×3/4F×32  
T32×1F×32



Male Tee

**SIZE**

T16×1/2M×16  
T20×1/2M×20  
T20×3/4M×20  
T25×1/2M×25



Wall Plate Elbow

**Size**

L16×1/2F  
L20×1/2F

**Press Fittings**



Male Straight Coupler

**Size**

S16×1/2"  
S16×3/4"  
S20×1/2"  
S20×3/4"  
S20×1"  
S25×1/2"  
S25×3/4"  
S25×1"  
S32×3/4"  
S32×1"



Female Straight Coupler

**Size**

S16×1/2"  
S16×3/4"  
S20×1/2"  
S20×3/4"  
S20×1"  
S25×1/2"  
S25×3/4"  
S25×1"  
S32×3/4"  
S32×1"



Reducing Straight Coupler

**Size**

S20×16  
S25×16  
S25×20  
S32×16  
S32×20  
S32×25



Equal Straight Coupler

**Size**

S16×16  
S20×20  
S25×25  
S32×32



Equal Elbow

**Size**

L16×16  
L20×20  
L25×25  
L32×32



Female Elbow

**Size**

L16×1/2"  
L16×3/4"  
L20×1/2"  
L20×3/4"  
L25×1/2"  
L25×3/4"  
L25×1"  
L32×3/4"  
L32×1"



Male Elbow

**Size**

L16×1/2"  
L16×3/4"  
L20×1/2"  
L20×3/4"  
L25×1/2"  
L25×3/4"  
L25×1"  
L32×1"

Press Fittings



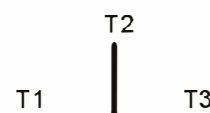
**Size**  
L20×1/2"  
L20×3/4"  
L25×3/4"



**Size**  
T16×16×16  
T20×20×20  
T25×25×25  
T32×32×32



**Size**  
T16×20×16  
T16×25×16  
T20×16×16  
T20×16×20  
T20×20×16  
T20×25×20  
T25×16×16  
T25×16×20  
T25×16×25  
T25×20×16  
T25×20×20  
T25×20×25  
T25×25×20  
T25×32×25  
T32×16×32  
T32×20×32  
T32×25×20  
T32×25×25  
T32×25×32



**Size**  
T16×1/2"×16  
T20×1/2"×20  
T20×3/4"×20  
T25×1/2"×25  
T25×3/4"×25  
T25×1"×25  
T32×1"×32



**Size**  
T16×1/2"×16  
T20×1/2"×20  
T20×3/4"×20  
T25×1/2"×25  
T25×3/4"×25  
T25×1"×25  
T32×3/4"×32  
T32×1"×32

Brass Pipe Fittings



**HI Part No**  
HLPFE44  
HLPFE66  
HLPFE88  
HLPFE1212  
HLPFE1616  
HLPFE2020  
HLPFE2424  
HLPFE3232  
HLPFE64  
HLPFE86  
HLPFE128  
HLPFE1612

**Size**  
1/4" F/F  
3/8" F/F  
1/2" F/F  
3/4" F/F  
1" F/F  
1 1/4" F/F  
1 1/2" F/F  
2" F/F  
3/8"×1/4" F/F  
1/2"×3/8" F/F  
3/4"×1/2" F/F  
1"×3/4" F/F



**HI Part No**  
HLPME44  
HLPME66  
HLPME88  
HLPME1212  
HLPME1616  
HLPME2020  
HLPME2424  
HLPME3232

**Size**  
1/4" M/M  
3/8" M/M  
1/2" M/M  
3/4" M/M  
1" M/M  
1 1/4" M/M  
1 1/2" M/M  
2" M/M



**HI Part No**  
HLPFME44  
HLPFME66  
HLPFME88  
HLPFME1212  
HLPFME1616  
HLPFME2020  
HLPFME2424  
HLPFME3232  
HLPFME128

**Size**  
1/4" F/M  
3/8" F/M  
1/2" F/M  
3/4" F/M  
1" F/M  
1 1/4" F/M  
1 1/2" F/M  
2" F/M  
3/4"×1/2" F/M



**HI Part No**  
HLPT444  
HLPT666  
HLPT888  
HLPT121212  
HLPT161616  
HLPT202020  
HLPT242424  
HLPT323232  
HLPT12812

**Size**  
1/4" F/F/F  
3/8" F/F/F  
1/2" F/F/F  
3/4" F/F/F  
1" F/F/F  
1 1/4" F/F/F  
1 1/2" F/F/F  
2" F/F/F  
3/4"×1/2"×3/4" F/F/F



**HI Part No**  
HLPC86  
HLPC128  
HLPC168  
HLPC1612  
HLPC2016

**Size**  
1/2"×3/8"  
3/4"×1/2"  
1×1/2"  
1×3/4"  
1 1/4"×1"



**HI Part No**  
HLPMFA42  
HLPMFA43  
HLPMFA44  
HLPMFA45  
HLPMFA46  
HLPMFA47  
HLPMFA48  
HLPMFA49  
HLPMFA50  
HLPMFA51  
HLPMFA52  
HLPMFA53  
HLPMFA54  
HLPMFA55  
HLPMFA56  
HLPMFA57  
HLPMFA58

**Size**  
1/4"×1/8"  
3/8"×1/8"  
3/8"×1/4"  
1/2"×1/8"  
1/2"×1/4"  
1/2"×3/8"  
3/4"×1/8"  
3/4"×3/8"  
3/4"×1/2"  
1"×1/4"  
1"×3/8"  
1"×1/2"  
1"×3/4"  
1 1/4"×1/2"  
1 1/4"×3/4"  
1 1/4"×1"  
1 1/2"×3/4"

HLPMFA59 1 1/2"×1"  
HLPMFA60 1 1/2"×1 1/4"  
HLPMFA61 2"×1"  
HLPMFA62 2"×1 1/4"  
HLPMFA63 2"×1 1/2"



**HI Part No**  
HLPMA42  
HLPMA43  
HLPMA44  
HLPMA45  
HLPMA46  
HLPMA47  
HLPMA48  
HLPMA49  
HLPMA50  
HLPMA51  
HLPMA52  
HLPMA53  
HLPMA54  
HLPMA55  
HLPMA56  
HLPMA57

**Size**  
1/4"×1/8"  
3/8"×1/4"  
1/2"×1/8"  
1/2"×1/4"  
1/2"×3/8"  
3/4"×1/2"  
1"×3/8"  
1"×1/2"  
1"×3/4"  
1 1/4"×3/4"  
1 1/4"×1"  
1 1/2"×1"  
1 1/2"×1 1/4"  
2"×1"  
2"×1 1/4"  
2"×1 1/2"



**HI Part No**  
HLPFMA64  
HLPFMA84  
HLPFMA86  
HLPFMA128  
HLPFMA168  
HLPFMA1612  
HLPFMA2016  
HLPFMA2416  
HLPFMA3220  
HLPFMA3224

**Size**  
3/8"×1/4"  
1/2"×1/4"  
1/2"×3/8"  
3/4"×1/2"  
1"×1/2"  
1"×3/4"  
1 1/4"×1"  
1 1/2"×1"  
2"×1 1/4"  
2"×1 1/2"

Brass Pipe Fittings



Socket

HI Part No	Size
HLPA22	1/8"
HLPA44	1/4"
HLPA66	3/8"
HLPA88	1/2"
HLPA1212	3/4"
HLPA1616	1"
HLPA2020	1 1/4"
HLPA2424	1 1/2"
HLPA3232	2"



Hexagon Nipple

HI Part No	Size
HLPHN22	1/8"
HLPHN44	1/4"
HLPHN66	3/8"
HLPHN88	1/2"
HLPHN1212	3/4"
HLPHN1616	1"
HLPHN2020	1 1/4"
HLPHN2424	1 1/2"
HLPHN3232	2"



Plug Square Head

HI Part No	Size
HLPP22	1/8"
HLPP44	1/4"
HLPP66	3/8"
HLPP88	1/2"
HLPP1212	3/4"
HLPP1616	1"
HLPP2020	1 1/4"
HLPP2424	1 1/2"
HLPP3232	2"



Hexagon Nut

HI Part No	Size
HLPN22	1/8"
HLPN44	1/4"
HLPN66	3/8"
HLPN88	1/2"
HLPN1212	3/4"



Hexagon Cap

HI Part No	Size
HLPC44	1/4"
HLPC66	3/8"
HLPC88	1/2"
HLPC1212	3/4"
HLPC1616	1"
HLPC2020	1 1/4"



Union F/F/F Teflon Gasket

HI Part No	Size
HLPFU4	1/4"
HLPFU6	3/8"
HLPFU8	1/2"
HLPFU12	3/4"
HLPFU16	1"



Union M/F/F Teflon Gasket

HI Part No	Size
HLPUMFF4	1/4"
HLPUMFF6	3/8"
HLPUMFF8	1/2"
HLPUMFF12	3/4"
HLPUMFF16	1"



Union M/F/M Teflon Gasket

HI Part No	Size
HLPUMFM4	1/4"
HLPUMFM6	3/8"
HLPUMFM8	1/2"
HLPUMFM12	3/4"
HLPUMFM16	1"



Elbow M/F/F Teflon Gasket

HI Part No	Size
HLPUMFF4	1/4"
HLPUMFF6	3/8"
HLPUMFF8	1/2"
HLPUMFF12	3/4"
HLPUMFF16	1"

Brass Nipple



ASTM STANDARD EN STANDARD

1/8" X Close	1/4" X 6"	3/8" X 12"	1/2" X 30"	3/4" X 12"	1-1/4" X 4-1/2"	1-1/2" X 11"	
1/8" X 1-1/2"	1/4" X 7"	3/8" X 14"	1/2" X 36"	1" X Close	1-1/4" X 5"	1-1/2" X 12"	1/2" X 30mm . close
1/8" X 2"	1/4" X 8"	3/8" X 16"	1/2" X 48"	1" X 2"	1-1/4" X 5-1/2"	1-1/2" X 14"	1/2" X 30mm . close
1/8" X 2-1/2"	1/4" X 9"	3/8" X 18"	1/2" X 60"	1" X 2-1/2"	1-1/4" X 6"	1-1/2" X 16"	1/2" X 30mm . close
1/8" X 3"	1/4" X 10"	3/8" X 24"	1/2" X 72"	1" X 3"	1-1/4" X 7"	1-1/2" X 18"	1/2" X 30mm . close
1/8" X 3-1/2"	1/4" X 11"	3/8" X 30"	1/2" X 12"	1" X 3-1/2"	1-1/4" X 8"	1-1/2" X 24"	1/2" X 30mm . close
1/8" X 4"	1/4" X 12"	3/8" X 36"	3/4" X Close	1" X 4"	1-1/4" X 9"	1-1/2" X 30"	1/2" X 30mm . close
1/8" X 4-1/2"	1/4" X 14"	3/8" X 48"	3/4" X 1-1/2"	1" X 4-1/2"	1-1/4" X 10"	1-1/2" X 36"	1/2" X 30mm . Close
1/8" X 5"	1/4" X 16"	3/8" X 60"	3/4" X 2"	1" X 5"	1-1/4" X 11"	1-1/2" X 48"	1/2" X 30mm . close
1/8" X 5-1/2"	1/4" X 18"	3/8" X 72"	3/4" X 2-1/2"	1" X 5-1/2"	1-1/4" X 12"	1-1/2" X 60"	1/2" X 30mm . close
1/8" X 6"	1/4" X 24"	3/8" X 12"	3/4" X 3"	1" X 6"	1-1/4" X 14"	1-1/2" X 12"	1/2" X 30mm . close
1/8" X 7"	1/4" X 30"	1/2" X Close	3/4" X 3-1/2"	1" X 7"	1-1/4" X 16"	2" X Close	1/2" X 30mm . close
1/8" X 8"	1/4" X 36"	1/2" X 1-1/2"	3/4" X 4"	1" X 8"	1-1/4" X 18"	2" X 2-1/2"	1/2" X 30mm . close
1/8" X 9"	1/4" X 48"	1/2" X 2"	3/4" X 4-1/2"	1" X 9"	1-1/4" X 24"	2" X 3"	1/2" X 30mm . close
1/8" X 10"	1/4" X 60"	1/2" X 2-1/2"	3/4" X 5"	1" X 10"	1-1/4" X 30"	2" X 3-1/2"	1/2" X 30mm . close
1/8" X 11"	1/4" X 6"	1/2" X 3"	3/4" X 5-1/2"	1" X 11"	1-1/4" X 36"	2" X 4"	1/2" X 30mm . close
1/8" X 12"	1/4" X 12"	1/2" X 3-1/2"	3/4" X 6"	1" X 12"	1-1/4" X 48"	2" X 4-1/2"	1/2" X 30mm . Close
1/8" X 14"	3/8" X Close	1/2" X 4"	3/4" X 7"	1" X 14"	1-1/4" X 60"	2" X 5"	1/2" X 30mm . close
1/8" X 16"	3/8" X 1-1/2"	1/2" X 4-1/2"	3/4" X 8"	1" X 15"	1-1/4" X 12"	2" X 5-1/2"	1/2" X 30mm . Close
1/8" X 18"	3/8" X 2"	1/2" X 5"	3/4" X 9"	1" X 16"	1-1/2" X close	2" X 6"	1/2" X 30mm . close
1/8" X 24"	3/8" X 2-1/2"	1/2" X 5-1/2"	3/4" X 10"	1" X 18"	1-1/2" X 2"	2" X 7"	1/2" X 30mm . close
1/8" X 30"	3/8" X 3"	1/2" X 6"	3/4" X 11"	1" X 24"	1-1/2" X 2-1/2"	2" X 8"	1/2" X 30mm . close
1/8" X 12"	3/8" X 3-1/2"	1/2" X 7"	3/4" X 12"	1" X 30"	1-1/2" X 3"	2" X 9"	1/2" X 30mm . close
1/4" X Close	3/8" X 4"	1/2" X 8"	3/4" X 13-1/2"	1" X 36"	1-1/2" X 3-1/2"	2" X 10"	1/2" X 30mm . close
1/4" X 1-1/2"	3/8" X 4-1/2"	1/2" X 9"	3/4" X 15"	1" X 48"	1-1/2" X 4"	2" X 11"	1/2" X 30mm . close
1/4" X 2"	3/8" X 5"	1/2" X 10"	3/4" X 16"	1" X 60"	1-1/2" X 4-1/2"	2" X 12"	1/2" X 30mm . close
1/4" X 2-1/2"	3/8" X 5-1/2"	1/2" X 11"	3/4" X 18"	1" X 12"	1-1/2" X 5"	2" X 14"	1/2" X 30mm . close
1/4" X 3"	3/8" X 6"	1/2" X 12"	3/4" X 24"	1-1/4" X close	1-1/2" X 5-1/2"	2" X 16"	1/2" X 30mm . Close
1/4" X 3-1/2"	3/8" X 7"	1/2" X 14"	3/4" X 30"	1-1/4" X 2"	1-1/2" X 6"	2" X 18"	1/2" X 30mm . close
1/4" X 4"	3/8" X 8"	1/2" X 16"	3/4" X 36"	1-1/4" X 3-1/2"	1-1/2" X 7"	2" X 24"	1/2" X 30mm . close
1/4" X 4-1/2"	3/8" X 9"	1/2" X 18"	3/4" X 48"	1-1/4" X 3"	1-1/2" X 8"	2" X 30"	1/2" X 30mm . close
1/4" X 5"	3/8" X 10"	1/2" X 21-1/2"	3/4" X 60"	1-1/4" X 3-1/2"	1-1/2" X 9"	2" X 36"	1/2" X 30mm . close
1/4" X 5-1/2"	3/8" X 11"	1/2" X 24"	3/4" X 80"	1-1/4" X 4"	1-1/2" X 10"	2" X 48"	1/2" X 30mm . close





## BRASS CAPILLARY FITTING (BRASS SOLDER FITTING)



PICTURE	HL Part No.	Size
	HLSOF01	15mm × 1/2" M
	HLSOF02	22mm × 3/4" M
	HLSOF03	28mm × 1" M
	HLSOF04	15mm × 3/4" M
MALE COUPLING	HLSOF05	22mm × 1" M
	HLSOF06	15mm × 1/2" F
	HLSOF07	22mm × 3/4" F
	HLSOF08	28mm × 1" F
FEMALE COUPLING	HLSOF09	15mm × 3/4" F
	HLSOF10	15mm × 1/2" M
	HLSOF11	22mm × 3/4" M
	HLSOF12	28mm × 1" M
MALE ELBOW	HLSOF13	15mm × 3/4" M
	HLSOF14	15mm × 1/2" F
	HLSOF15	22mm × 3/4" F
	HLSOF16	28mm × 1" F
FEMALE ELBOW	HLSOF17	15mm × 3/4" F
	HLSOF18	15mm × 15 × 1/2" F
	HLSOF19	22mm × 22 × 3/4" F
FEMALE TEE	HLSOF20	28mm × 28 × 1" F
	HLSOF21	15mm × 1/2" F
	HLSOF22	22mm × 3/4" F

## BRASS COMPRESSION FITTING



PICTURE	HL Part No.	Size
	HLC0F01	15mm × 1/2" M
	HLC0F02	22mm × 3/4" M
	HLC0F03	28mm × 1" M
MALE COUPLING	HLC0F04	15mm × 3/4" M
	HLC0F05	15mm × 1/2" F
	HLC0F06	22mm × 3/4" F
	HLC0F07	28mm × 1" F
FEMALE COUPLING	HLC0F08	15mm × 3/4" F
	HLC0F09	15mm × 15mm
	HLC0F10	22mm × 22mm
	HLC0F11	28mm × 28mm
	HLC0F12	22mm × 15mm
COUPLING	HLC0F13	28mm × 22mm
	HLC0F14	15mm × 1/2" M
	HLC0F15	22mm × 3/4" M
	HLC0F16	28 × 1" M
	HLC0F17	15mm × 3/4" M
MALE ELBOW		



## BRASS COMPRESSION FITTING



PICTURE	HL Part No.	Size	
	HLC0F18	15mm × 1/2 "F	
	HLC0F19	22mm × 3/4 "F	
	HLC0F20	28mm × 1 "F	
FEMALE ELBOW	HLC0F21	15mm × 3/4 "F	
	HLC0F22	15mm × 15mm	
	HLC0F23	22mm × 22mm	
	HLC0F24	28mm × 28mm	
	HLC0F25	22mm × 15mm	
	HLC0F26	28mm × 22mm	
ELBOW	HLC0F27	15mm × 15mm × 1/2 "F	
	HLC0F28	22mm × 22mm × 3/4 "F	
	HLC0F29	22mm × 22mm × 1/2 "F	
	HLC0F30	28mm × 28mm × 1 "F	
	HLC0F31	15mm × 15mm × 15mm	
	HLC0F32	22mm × 22mm × 22mm	
	HLC0F33	28mm × 28mm × 28mm	
	HLC0F34	22mm × 22mm × 15mm	
	HLC0F35	22mm × 15mm × 22mm	
	TEE	HLC0F36	15mm × 1/2" F
	WALL PLATED ELBOW	HLC0F37	22mm × 3/4" F


## BRASS COMPRESSION FITTING FOR PEX-AL-PEX PIPE



PICTURE	HL Part No.	Size
	HLSCF01	16mm × 1/2" M
	HLSCF02	16mm × 3/4" M
	HLSCF03	20mm × 1/2" M
	HLSCF04	20mm × 3/4" M
	HLSCF05	26mm × 3/4" M
	HLSCF06	26mm × 1" M
MALE COUPLING	HLSCF07	32mm × 1" M
	HLSCF08	16mm × 1/2" F
	HLSCF09	16mm × 3/4" F
	HLSCF10	20mm × 1/2" F
	HLSCF11	20mm × 3/4" F
	HLSCF12	26mm × 3/4" F
	HLSCF13	26mm × 1" F
	HLSCF14	32mm × 1" F
FEMALE COUPLING	HLSCF15	16mm × 16mm
	HLSCF16	20mm × 20mm
	HLSCF17	26mm × 26mm
COUPLING	HLSCF18	32mm × 32mm
	HLSCF19	16mm × 1/2" M
	HLSCF20	16mm × 3/4" M
	HLSCF21	20mm × 1/2" M
	HLSCF22	20mm × 3/4" M
	HLSCF23	26mm × 3/4" M
	HLSCF24	26mm × 1" M
	HLSCF25	32mm × 1" M
	MALE ELBOW	



## BRASS COMPRESSION FITTING FOR PEX-AL-PEX PIPE



PICTURE	HL Part No.	Size	
	HLSCF26	16mm × 1/2"F	
	HLSCF27	16mm × 3/4"F	
	HLSCF28	20mm × 1/2"F	
	HLSCF29	20mm × 3/4"F	
	HLSCF30	26mm × 3/4"F	
	HLSCF31	26mm × 1"F	
FEMALE ELBOW	HLSCF32	32mm × 1"F	
	HLSCF33	16mm × 16mm	
	HLSCF34	20mm × 20mm	
	HLSCF35	26mm × 26mm	
	HLSCF36	32mm × 32mm	
ELBOW	HLSCF37	16mm × 1/2" × 16mm	
	HLSCF38	16mm × 3/4" × 16mm	
	HLSCF39	20mm × 1/2" × 20mm	
	HLSCF40	20mm × 3/4" × 20mm	
	HLSCF41	26mm × 3/4" × 26mm	
	HLSCF42	26mm × 1" × 26mm	
	HLSCF43	32mm × 1" × 26mm	
	MALE TEE	HLSCF44	32mm × 1" × 32mm
		HLSCF45	16mm × 1/2" × 16mm
		HLSCF46	16mm × 3/4" × 16mm
		HLSCF47	20mm × 1/2" × 20mm
HLSCF48		20mm × 3/4" × 20mm	
HLSCF49		26mm × 3/4" × 26mm	
HLSCF50		26mm × 1" × 26mm	
HLSCF51		32mm × 1" × 26mm	
FEMALE TEE		HLSCF52	32mm × 1" × 32mm

## BRASS COMPRESSION FITTING FOR PEX-AL-PEX PIPE



PICTURE	HL Part No.	Size
	HLSCF53	16mm × 16mm × 16mm
	HLSCF54	20mm × 20mm × 20mm
	HLSCF55	26mm × 26mm × 26mm
TEE	HLSCF56	32mm × 32mm × 32mm
	HLSCF57	16mm × 1/2"
	HLSCF58	16mm × 3/4"
	HLSCF59	20mm × 1/2"
	HLSCF60	20mm × 3/4"
WALL PLATED ELBOW	HLSCF61	16mm × 1/2" × 16mm
	HLSCF62	20mm × 3/4 × 20mm
	HLSCF63	16mm × 16mm × 16mm × 16mm
WALL PLATED TEE	HLSCF64	20mm × 20mm × 20mm × 20mm
	HLSCF65	26mm × 26mm × 26mm × 26mm
	CROSS	





## BRASS PRESS FITTING FOR PEX-AL-PEX PIPE



PICTURE	HL Part No.	Size	
	HLSPF01	16mm × 1/2" M	
	HLSPF02	16mm × 3/4" M	
	HLSPF03	20mm × 1/2" M	
	HLSPF04	20mm × 3/4" M	
	HLSPF05	26mm × 3/4" M	
	HLSPF06	26mm × 1" M	
MALE COUPLING	HLSPF07	32mm × 1" M	
	HLSPF08	16mm × 1/2" F	
	HLSPF09	16mm × 3/4" F	
	HLSPF10	20mm × 1/2" F	
	HLSPF11	20mm × 3/4" F	
	HLSPF12	26mm × 3/4" F	
	HLSPF13	26mm × 1" F	
	FEMALE COUPLING	HLSPF14	32mm × 1" F
		HLSPF15	16mm × 16mm
		HLSPF16	20mm × 20mm
		HLSPF17	26mm × 26mm
		HLSPF18	32mm × 32mm
		HLSPF19	16mm × 20mm
HLSPF20		16mm × 26mm	
HLSPF21		20mm × 26mm	
HLSPF22		26mm × 32mm	
COUPLING		HLSPF23	20mm × 32mm
		HLSPF24	16mm × 1/2" M
	HLSPF25	16mm × 3/4" M	
	HLSPF26	20mm × 1/2" M	
	HLSPF27	20mm × 3/4" M	
	HLSPF28	26mm × 3/4" M	
	HLSPF29	26mm × 1" M	
	MALE ELBOW	HLSPF30	32mm × 1" M

## BRASS PRESS FITTING FOR PEX-AL-PEX PIPE




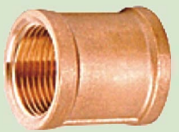
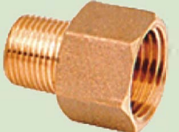



PICTURE	HL Part No.	Size	
	HLSPF31	16mm × 1/2" F	
	HLSPF32	16mm × 3/4" F	
	HLSPF33	20mm × 1/2" F	
	HLSPF34	20mm × 3/4" F	
	HLSPF35	26mm × 3/4" F	
	HLSPF36	26mm × 1" F	
FEMALE ELBOW	HLSPF37	32mm × 1" F	
	HLSPF38	16mm × 16mm	
	HLSPF39	20mm × 20mm	
	HLSPF40	26mm × 26mm	
	HLSPF41	32mm × 32mm	
	HLSPF42	16mm × 20mm	
	HLSPF43	16mm × 26mm	
	HLSPF44	20mm × 26mm	
	HLSPF45	26mm × 32mm	
	ELBOW	HLSPF46	20mm × 32mm
		HLSPF47	16mm × 1/2" × 16mm
HLSPF48		16mm × 3/4" × 16mm	
HLSPF49		20mm × 1/2" × 20mm	
HLSPF50		20mm × 3/4" × 20mm	
HLSPF51		26mm × 3/4" × 26mm	
HLSPF52		26mm × 1" × 26mm	
HLSPF53		32mm × 1" × 26mm	
MALE TEE		HLSPF54	32mm × 1" × 32mm
		HLSPF55	16mm × 1/2" × 16mm
		HLSPF56	16mm × 3/4" × 16mm
	HLSPF57	20mm × 1/2" × 20mm	
	HLSPF58	20mm × 3/4" × 20mm	
	HLSPF59	26mm × 3/4" × 26mm	
	HLSPF60	26mm × 1" × 26mm	
	HLSPF61	32mm × 1" × 26mm	
	FEMALE TEE	HLSPF62	32mm × 1" × 32mm
		HLSPF63	16mm × 16mm × 16mm
		HLSPF64	20mm × 20mm × 20mm
HLSPF65		26mm × 26mm × 26mm	
HLSPF66		32mm × 32mm × 32mm	
HLSPF67		16mm × 20mm × 16mm	
HLSPF68		20mm × 16mm × 20mm	
HLSPF69		20mm × 26mm × 20mm	
HLSPF70		32mm × 26mm × 32mm	
TEE		HLSPF71	26mm × 32mm × 32mm



## THREADED FITTING



PICTURE	HL Part No.	Size
	HLTRF01	3/8"
	HLTRF02	1/2"
	HLTRF03	3/4"
NIPPLE F×M	HLTRF04	1"
	HLTRF05	3/8"
	HLTRF06	1/2"
	HLTRF07	3/4"
CAP	HLTRF08	1"
	HLTRF09	3/8"
	HLTRF10	1/2"
	HLTRF11	3/4"
COUPLING M×M	HLTRF12	1"
	HLTRF13	3/8"
	HLTRF14	1/2"
	HLTRF15	3/4"
COUPLING F×F	HLTRF16	1"
	HLTRF17	3/8"
	HLTRF18	1/2"
	HLTRF19	3/4"
COUPLING M×F	HLTRF20	1"
	HLTRF21	3/8"
	HLTRF22	1/2"
	HLTRF23	3/4"
ELBOW F×F	HLTRF24	1"






## THREADED FITTING



PICTURE	HL Part No.	Size
	HLTRF25	3/8"
	HLTRF26	1/2"
	HLTRF27	3/4"
ELBOW M×F	HLTRF28	1"
	HLTRF29	3/8"
	HLTRF30	1/2"
	HLTRF31	3/4"
ELBOW M×M	HLTRF32	1"
	HLTRF33	3/8"
	HLTRF34	1/2"
	HLTRF35	3/4"
TEE F×F×F	HLTRF36	1"
	HLTRF37	1/2" × 3/8"
	HLTRF38	3/4" × 1/2"
	HLTRF39	1" × 1/2"
	HLTRF40	1" × 3/4"
	HLTRF41	1 1/4" × 3/4"
REDUCING BUSH F×F	HLTRF42	1 1/4" × 1/2"
	HLTRF43	1/2" × 3/8"
	HLTRF44	3/4" × 1/2"
	HLTRF45	1" × 1/2"
	HLTRF46	1 1/4" × 3/4"
REDUCING ADAPTER M×M	HLTRF47	1 1/4" × 1/2"




## THREADED FITTING



PICTURE	HL Part No.	Size
	HLTRF48	3/8"
	HLTRF49	1/2"
	HLTRF50	3/4"
3 PIECE ADAPTER M×F	HLTRF51	1"
	HLTRF52	3/8"
	HLTRF53	1/2"
	HLTRF54	3/4"
3 PIECE ADAPTER F×F	HLTRF55	1"
	HLTRF56	3/8"
	HLTRF57	1/2"
	HLTRF58	3/4"
3 PIECE ADAPTER M×M	HLTRF59	1"
	HLTRF60	3/8"
	HLTRF61	1/2"
	HLTRF62	3/4"
3 PIECE ELBOW M×M	HLTRF63	1"
	HLTRF64	16×1/2"
NUT	HLTRF65	20×3/4□




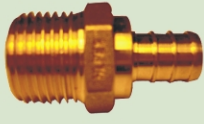
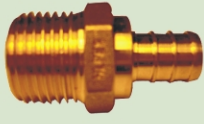
## THREADED FITTING



PICTURE	HL Part No.	Size
	HLTRF66	1/2"F×1/2"/16
	HLTRF67	1/2"F×3/4"/20
FEMALE ADAPTER	HLTRF68	3/4"F×3/4"/20
	HLTRF69	1/2"/16×1/2"/16
MALE ELBOW	HLTRF70	3/4"/20×3/4"/20
	HLTRF71	1/2"F×1/2"/16
	HLTRF72	3/4"F×1/2"/16
	HLTRF73	1/2"F×3/4"/20
FEMALE ELBOW	HLTRF74	3/4"F×3/4"/20
	HLTRF75	1/2"/16×1/2"F×1/2"/16
	HLTRF76	3/4"/20×1/2"F×3/4"/20
FEMALE TEE	HLTRF77	3/4"/20×3/4"F×3/4"/20
	HLTRF78	1/2"/16×1/2"×1/2"/16
	HLTRF79	3/4"/20×1/2"×3/4"/20
MALE TEE		







## PEX FITTING



PICTURE	HL Part No.	Size
 SWIVEL ADAPTER PEX × FPT	HL PXSA23	3/8" × 1/2" (PLASTIC NUT)
	HL PXSA33	1/2" × 1/2" (PLASTIC NUT)
	HL PXSA34	1/2" × 3/4" (PLASTIC NUT)
	HL PXSA44	3/4" × 3/4" (PLASTIC NUT)
	HL PXSA33-B	1/2" × 1/2" (BRASS NUT)
	HL PXSA34-B	1/2" × 3/4" (BRASS NUT)
 SWEAT ADAPTER PEX × SWEAT ADAPTER	HL PXMSA23	3/8" x 1/2" M
	HL PXMSA33	1/2" x 1/2" M
	HL PXMSA44	3/4" X 3/4" M
	HL PXMSA55	1" X 1" M
	HL PXFSA33	1/2" X 1/2" F
 THREAD ADAPTER PEX × FPT	HL PXFSA44	3/4" X 3/4" F
	HL PXFSA55	1" X 1" F
	HL PXFTA23	3/8" x 1/2" F
	HL PXFTA33	1/2" x 1/2" F
 THREAD ADAPTER PEX × MPT	HL PXFTA34	1/2" X 3/4" F
	HL PXFTA44	3/4" X 3/4" F
	HL PXFTA45	3/4" x 1" F
	HL PXFTA55	1" x 1" F
	HL PXMTA23	3/8" x 1/2" M
 THREAD ADAPTER PEX × MPT	HL PXMTA33	1/2" x 1/2" M
	HL PXMTA34	1/2" x 3/4" M
	HL PXMTA43	3/4" x 1/2" M
	HL PXMTA44	3/4" x 3/4" M
	HL PXMTA45	3/4" x 1" M
	HL PXMTA54	1" x 3/4" M
	HL PXMTA55	1" x 1" M

## PEX FITTING



PICTURE	HL Part No.	Size
 TEE RUN × RUN × BRANCH	HL PXT222	3/8"
	HL PXT223	3/8" × 3/8" × 1/2"
	HL PXT322	1/2" × 3/8" × 3/8"
	HL PXT323	1/2" × 3/8" × 1/2"
	HL PXT332	1/2" × 1/2" × 3/8"
	HL PXT333	1/2"
	HL PXT334	1/2" × 1/2" × 3/4"
	HL PXT433	3/4" × 1/2" × 1/2"
	HL PXT434	3/4" × 1/2" × 3/4"
	HL PXT442	3/4" × 3/4" × 3/8"
	HL PXT443	3/4" × 3/4" × 1/2"
	HL PXT444	3/4"
	HL PXT445	3/4" × 3/4" × 1"
	HL PXT544	1" × 3/4" × 3/4"
	HL PXT553	1" × 1" × 1/2"
HL PXT554	1" × 1" × 3/4"	
HL PXT555	1"	
 ELBOW CRIMP × CRIMP	HL PXE22	3/8"
	HL PXE32	1/2" × 3/8"
	HL PXE33	1/2"
 ELBOW CRIMP × MPT	HL PXE43	3/4" × 1/2"
	HL PXE44	3/4"
	HL PXE55	1"
	HL PXMTE23	3/8" × 1/2"
	HL PXMTE32	1/2" × 3/8"
 ELBOW CRIMP × SWEAT ELBOW	HL PXMTE33	1/2" × 1/2"
	HL PXMTE34	1/2" × 3/4"
	HL PXMTE44	3/4" × 3/4"
	HL PXMTE45	3/4" × 1"
 ELBOW CRIMP × SWEAT ELBOW	HL PXMSE33	1/2" × 1/2" M
	HL PXMSE34	1/2" × 3/4" M
	HL PXMSE44	3/4" × 3/4" M
	HL PXFSE33	1/2" × 1/2" F
 ELBOW CRIMP × SWEAT ELBOW	HL PXFSE34	1/2" × 3/4" F
	HL PXFSE44	3/4" × 3/4" F





## PEX FITTING



PICTURE	HL Part No.	Size
	HL PXDE33	1/2" x 1/2" F
DROP EAR ELBOW PEX x FPT	HL PXDE34	1/2" x 3/4" F
	HL PXDE44	3/4" x 3/4" F
	PXSE23	3/8" x 1/2" F (PLASTIC NUT)
	PXSE33	1/2" x 1/2" F (PLASTIC NUT)
	PXSE44	3/4" x 3/4" F (PLASTIC NUT)
	PXSE23-B	3/8" x 1/2" F (BRASS NUT)
	PXSE33-B	1/2" x 1/2" F (BRASS NUT)
	PXSE44-B	3/4" x 3/4" F (BRASS NUT)
SWIVEL ELBOW PEX x FPT		
	HL PXP2	3/8"
	HL PXP3	1/2"
	HL PXP4	3/4"
	HL PXP5	1"
PLUG		
	HL PXC22	3/8"
	HL PXC32	3/8" x 1/2"
	HL PXC33	1/2"
	HL PXC43	3/4" x 1/2"
	HL PXC44	3/4"
	HL PXC54	1" x 3/4"
	HL PXC55	1"
COUPLING		
	HL PXBC22	3/8" x 3/8"
	HL PXBC33	1/2" x 1/2"
TRANSITION COUPLING PEX x PB		
	HL PXCR2	3/8"
	HL PXCR3	1/2"
	HL PXCRJ	5/8"
	HL PXCR4	3/4"
	HL PXCR5	1"
	HL PXCR6	1 1/4"
COPPER CRIMP RING (BLACK)		

## BRASS LEVER BALL VALVES



PICTURE	HL Part No.	Size
	HLLBV01	1/2"
	HLLBV02	3/4"
	HLLBV03	1"
	HLLBV04	1 1/4"
	HLLBV05	1 1/2"
	HLLBV06	2"
	HLLBV07	3"
BALL VALVE F x F		
	HLLBV08	4"
	HLLBV09	1/2"
	HLLBV10	3/4"
	HLLBV11	1"
	HLLBV12	1 1/4"
	HLLBV13	1 1/2"
	HLLBV14	2"
BALL VALVE M x M		
	HLLBV15	3"
	HLLBV16	4"
	HLLBV17	1/2"
	HLLBV18	3/4"
	HLLBV19	1"
	HLLBV20	1 1/4"
	HLLBV21	1 1/2"
BALL VALVE M x F		
	HLLBV22	2"
	HLLBV23	3"
	HLLBV24	4"
	HLLBV25	15mm
	HLLBV26	22mm
	HLLBV27	28mm
	HLLBV28	35mm
	HLLBV29	42mm
	HLLBV30	54mm
BALL VALVE C x C		

## BRASS LEVER BALL VALVES



PICTURE	HL Part No.	Size
	HLLBV31	1/2 "
	HLLBV32	3/4 "
	HLLBV33	1 "
	HLLBV34	1 1/4 "
	HLLBV35	1 1/2 "
	HLLBV36	2 "
	HLLBV37	3 "
	HLLBV38	4 "
GATE VALVE F×F	HLLBV39	15mm
	HLLBV40	22mm
	HLLBV41	28mm
	HLLBV42	35mm
	HLLBV43	42mm
	HLLBV44	54mm
	GATE VALVE C×C	HLLBV45
	HLLBV46	1/2 "
	HLLBV47	3/4 "
ANGEL VALVE M×C	HLLBV48	3/8 "
	HLLBV49	1/2 "
	HLLBV50	3/4 "
ANGEL VALVE M×M	HLLBV51	3/8 "
	HLLBV52	1/2 "
	HLLBV53	3/4 "
ANGEL VALVE M×F		

## DIELECTRIC UNION



PICTURE	HL Part No.	Size
	HLDIU01	1/2 "
	HLDIU02	3/4 "
	HLDIU03	1 "
	HLDIU04	1 1/4 "
	HLDIU05	1 1/2 "
GALVANIZED×COPPER C×F	HLDIU06	2 "
C×M	HLDIU07	1/2 " ×3/4 "
	HLDIU08	1/2 "
F×F	HLDIU09	3/4 "
	HLDIU10	1/2 "
	HLDIU11	3/4 "
	HLDIU12	1 "
	HLDIU13	1 1/4 "
	HLDIU14	1 1/2 "
	HLDIU15	2 "
	HLDIU16	1/2 "
	HLDIU17	3/4 "
	HLDIU18	1 "
F×M	HLDIU19	1/2 "
	HLDIU20	3/4 "
	HLDIU21	1 "
	HLDIU22	1 1/4 "
	HLDIU23	1 1/2 "
	HLDIU24	2 "
GALVANIZED×GALVANIZED F×F (BLACK)		