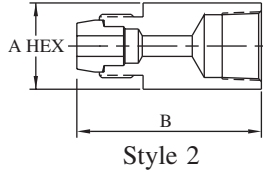
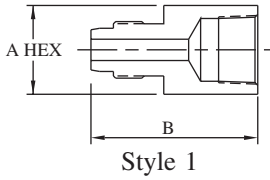


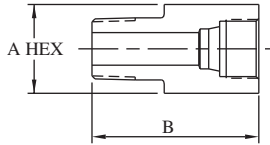
MALE-FEMALE ADAPTERS

Low Pressure Male x NPT Female



Catalog Number	Male L/P	Female NPT	A		B		Port		Style
LPA2L2P	1/8"	1/8"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)	1
LPA2L4P	1/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)	1
LPA2L6P	1/8"	3/8"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)	1
LPA2L8P	1/8"	1/2"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)	1
LPA4L2P	1/4"	1/8"	0.63"	(16.0)	1.27"	(32.3)	0.187"	(4.7)	2
LPA4L4P	1/4"	1/4"	0.75"	(19.1)	1.52"	(38.6)	0.187"	(4.7)	2
LPA4L6P	1/4"	3/8"	1.00"	(25.4)	1.58"	(40.1)	0.187"	(4.7)	2
LPA4L8P	1/4"	1/2"	1.38"	(35.1)	1.89"	(48.0)	0.187"	(4.7)	2
LPA6L2P	3/8"	1/8"	0.75"	(19.1)	1.63"	(41.4)	0.125"	(3.2)	1
LPA6L4P	3/8"	1/4"	0.75"	(19.1)	1.65"	(41.9)	0.312"	(7.9)	2
LPA6L6P	3/8"	3/8"	0.75"	(19.1)	1.65"	(41.9)	0.312"	(7.9)	2
LPA6L8P	3/8"	1/2"	1.38"	(35.1)	1.89"	(48.0)	0.312"	(7.9)	2
LPA8L2P	1/2"	1/8"	1.00"	(25.4)	1.89"	(48.0)	0.437"	(11.1)	2
LPA8L4P	1/2"	1/4"	1.00"	(25.4)	1.81"	(46.0)	0.437"	(11.1)	1
LPA8L6P	1/2"	3/8"	1.00"	(25.4)	1.84"	(46.7)	0.437"	(11.1)	2
LPA8L8P	1/2"	1/2"	1.38"	(35.1)	2.09"	(53.1)	0.437"	(11.1)	2
LPA8L12P	1/2"	3/4"	1.75"	(44.5)	2.38"	(60.5)	0.437"	(11.1)	1

NPT Male x Low Pressure Female



Catalog Number	Male NPT	Female L/P	A		B		Port	
LPA2P2L	1/8"	1/8"	0.50"	(12.7)	1.00"	(25.4)	0.093"	(2.4)
LPA2P4L	1/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.125"	(3.2)
LPA2P6L	1/8"	3/8"	0.75"	(19.1)	1.50"	(38.1)	0.125"	(3.2)
LPA2P8L	1/8"	1/2"	0.75"	(19.1)	1.50"	(38.1)	0.187"	(4.7)
LPA4P2L	1/4"	1/8"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)
LPA4P4L	1/4"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.187"	(4.7)
LPA4P6L	1/4"	3/8"	0.75"	(19.1)	1.62"	(41.1)	0.187"	(4.7)
LPA4P8L	1/4"	1/2"	1.00"	(25.4)	2.00"	(50.8)	0.187"	(4.7)
LPA6P2L	3/8"	1/8"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)
LPA6P4L	3/8"	1/4"	0.75"	(19.1)	1.62"	(41.1)	0.187"	(4.7)
LPA6P6L	3/8"	3/8"	0.75"	(19.1)	1.62"	(41.1)	0.250"	(6.4)
LPA6P8L	3/8"	1/2"	1.00"	(25.4)	2.00"	(50.8)	0.344"	(8.7)
LPA8P2L	1/2"	1/8"	1.00"	(25.4)	1.50"	(38.1)	0.093"	(2.4)
LPA8P4L	1/2"	1/4"	1.00"	(25.4)	1.75"	(44.5)	0.187"	(4.7)
LPA8P6L	1/2"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.312"	(7.9)
LPA8P8L	1/2"	1/2"	1.00"	(25.4)	2.00"	(50.8)	0.437"	(11.1)
LPA12P8L	3/4"	1/2"	1.38"	(35.1)	2.25"	(57.2)	0.437"	(11.1)
LPA16P6L	1"	3/8"	1.38"	(35.1)	2.00"	(50.8)	0.312"	(7.9)
LPA16P8L	1"	1/2"	1.38"	(35.1)	2.25"	(57.2)	0.312"	(7.9)

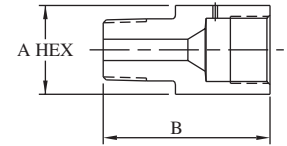
NOTE: See page ACC-1 to determine maximum allowable working pressure (MAWP)

All dimensions are for reference only and are subject to change.
Dimensions in parentheses are millimeters (mm).

MALE-FEMALE ADAPTERS

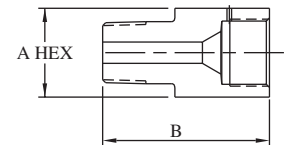
NPT Male x Medium Pressure Female

Catalog Number	Male NPT	Female M/P	A		B		Port
10A2P4M	1/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.109" (2.8)
10A2P6M	1/8"	3/8"	0.75"	(19.1)	1.75"	(44.5)	0.203" (5.2)
10A2P9M	1/8"	9/16"	1.00"	(25.4)	2.00"	(50.8)	0.218" (5.5)
10A4P4M	1/4"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.109" (2.8)
10A4P6M	1/4"	3/8"	0.75"	(19.1)	1.75"	(44.5)	0.203" (5.2)
10A4P9M	1/4"	9/16"	1.00"	(25.4)	2.00"	(50.8)	0.250" (6.4)
10A4P12M	1/4"	3/4"	1.38"	(35.1)	2.50"	(63.5)	0.250" (6.4)
10A6P4M	3/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.109" (2.8)
10A6P6M	3/8"	3/8"	0.75"	(19.1)	1.75"	(44.5)	0.203" (5.2)
10A6P9M	3/8"	9/16"	1.00"	(25.4)	2.00"	(50.8)	0.359" (9.1)
10A6P12M	3/8"	3/4"	1.38"	(35.1)	2.50"	(63.5)	0.375" (9.5)
10A8P4M	1/2"	1/4"	1.00"	(25.4)	1.50"	(38.1)	0.125" (3.2)
10A8P6M	1/2"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.203" (5.2)
10A8P9M	1/2"	9/16"	1.00"	(25.4)	2.00"	(50.8)	0.359" (9.1)
10A8P12M	1/2"	3/4"	1.38"	(35.1)	2.50"	(63.5)	0.516" (13.1)
10A8P16M	1/2"	1"	1.75"	(44.5)	3.00"	(76.2)	0.437" (11.1)
10A12P4M	3/4"	1/4"	1.38"	(35.1)	2.12"	(53.8)	0.187" (4.7)
10A12P6M	3/4"	3/8"	1.38"	(35.1)	2.25"	(57.2)	0.203" (5.2)
10A12P9M	3/4"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.359" (9.1)
10A12P12M	3/4"	3/4"	1.38"	(35.1)	2.50"	(63.5)	0.500" (12.7)
10A12P16M	3/4"	1"	1.75"	(44.5)	3.00"	(76.2)	0.500" (12.7)
10A16P9M	1"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.359" (9.1)
10A16P12M	1"	3/4"	1.38"	(35.1)	2.50"	(63.5)	0.359" (9.1)
10A16P16M	1"	1"	1.75"	(44.5)	3.00"	(76.2)	0.563" (14.3)



NPT Male x High Pressure Female

Catalog Number	Male NPT	Female H/P	A		B		Port
10A2P4H	1/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.093" (2.4)
10A2P6H	1/8"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.125" (3.2)
10A2P9H	1/8"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)
10A4P4H	1/4"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.093" (2.4)
10A4P6H	1/4"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.125" (3.2)
10A4P9H	1/4"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)
10A6P4H	3/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.093" (2.4)
10A6P6H	3/8"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.125" (3.2)
10A6P9H	3/8"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)
10A8P4H	1/2"	1/4"	1.00"	(25.4)	1.62"	(41.1)	0.093" (2.4)
10A8P6H	1/2"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.125" (3.2)
10A8P9H	1/2"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)
10A12P4H	3/4"	1/4"	1.13"	(28.7)	2.00"	(50.8)	0.093" (2.4)
10A12P6H	3/4"	3/8"	1.13"	(28.7)	2.00"	(50.8)	0.125" (3.2)
10A12P9H	3/4"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)
10A16P4H	1"	1/4"	1.38"	(35.1)	1.75"	(44.5)	0.093" (2.4)
10A16P6H	1"	3/8"	1.38"	(35.1)	2.00"	(50.8)	0.125" (3.2)
10A16P9H	1"	9/16"	1.38"	(35.1)	2.25"	(57.2)	0.187" (4.7)



NOTE: See page ACC-1 to determine maximum allowable working pressure (MAWP)



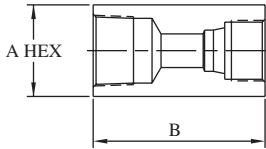
All dimensions are for reference only and are subject to change.
Dimensions in parentheses are millimeters (mm).

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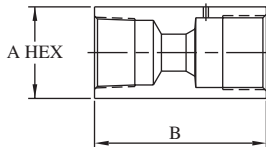
FEMALE-FEMALE COUPLINGS

Low Pressure Female x NPT Female



Catalog Number	Female L/P	Female NPT	A		B		Port	
LPC2L2P	1/8"	1/8"	0.50"	(12.7)	1.50"	(38.1)	0.093"	(2.4)
LPC2L4P	1/8"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.093"	(2.4)
LPC2L6P	1/8"	3/8"	1.00"	(25.4)	1.56"	(39.6)	0.093"	(2.4)
LPC2L8P	1/8"	1/2"	1.38"	(35.1)	2.00"	(50.8)	0.093"	(2.4)
LPC4L2P	1/4"	1/8"	0.75"	(19.1)	1.75"	(44.5)	0.187"	(4.7)
LPC4L4P	1/4"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.187"	(4.7)
LPC4L6P	1/4"	3/8"	1.00"	(25.4)	2.12"	(53.8)	0.187"	(4.7)
LPC4L8P	1/4"	1/2"	1.38"	(35.1)	2.00"	(50.8)	0.187"	(4.7)
LPC6L2P	3/8"	1/8"	0.75"	(19.1)	1.62"	(41.1)	0.187"	(4.7)
LPC6L4P	3/8"	1/4"	0.75"	(19.1)	1.62"	(41.1)	0.312"	(7.9)
LPC6L6P	3/8"	3/8"	1.00"	(25.4)	1.75"	(44.5)	0.312"	(7.9)
LPC6L8P	3/8"	1/2"	1.38"	(35.1)	2.25"	(57.2)	0.312"	(7.9)
LPC8L2P	1/2"	1/8"	1.00"	(25.4)	2.00"	(50.8)	0.339"	(8.6)
LPC8L4P	1/2"	1/4"	1.00"	(25.4)	2.00"	(50.8)	0.437"	(11.1)
LPC8L6P	1/2"	3/8"	1.00"	(25.4)	2.00"	(50.8)	0.437"	(11.1)
LPC8L8P	1/2"	1/2"	1.00"	(25.4)	2.00"	(50.8)	0.437"	(11.1)
LPC8L12P	1/2"	3/4"	1.75"	(44.5)	2.50"	(63.5)	0.437"	(11.1)

Medium Pressure Female x NPT Female



Catalog Number	Female M/P	Female NPT	A		B		Port	
10F4M2P	1/4"	1/8"	0.75"	(19.1)	1.50"	(38.1)	0.109"	(2.8)
10F4M4P	1/4"	1/4"	0.75"	(19.1)	1.50"	(38.1)	0.125"	(3.2)
10F4M6P	1/4"	3/8"	1.00"	(25.4)	1.62"	(41.1)	0.125"	(3.2)
10F4M8P	1/4"	1/2"	1.38"	(35.1)	2.12"	(53.8)	0.125"	(3.2)
10F6M2P	3/8"	1/8"	0.75"	(19.1)	1.75"	(44.5)	0.203"	(5.2)
10F6M4P	3/8"	1/4"	0.75"	(19.1)	1.75"	(44.5)	0.203"	(5.2)
10F6M6P	3/8"	3/8"	1.00"	(25.4)	1.68"	(42.7)	0.203"	(5.2)
10F6M8P	3/8"	1/2"	1.38"	(35.1)	2.12"	(53.8)	0.203"	(5.2)
10F9M2P	9/16"	1/8"	1.00"	(25.4)	2.00"	(50.8)	0.339"	(8.6)
10F9M4P	9/16"	1/4"	1.00"	(25.4)	2.00"	(50.8)	0.359"	(9.1)
10F9M6P	9/16"	3/8"	1.00"	(25.4)	2.00"	(50.8)	0.359"	(9.1)
10F9M8P	9/16"	1/2"	1.38"	(35.1)	2.25"	(57.2)	0.359"	(9.1)
10F9M12P	9/16"	3/4"	1.75"	(44.5)	2.50"	(63.5)	0.359"	(9.1)
10F9M16P	9/16"	1"	1.88"	(47.8)	2.44"	(62.0)	0.359"	(9.1)
10F12M2P	3/4"	1/8"	1.38"	(35.1)	2.50"	(63.5)	0.339"	(8.6)
10F12M4P	3/4"	1/4"	1.38"	(35.1)	2.50"	(63.5)	0.437"	(11.1)
10F12M6P	3/4"	3/8"	1.38"	(35.1)	2.50"	(63.5)	0.516"	(13.1)
10F12M8P	3/4"	1/2"	1.38"	(35.1)	2.50"	(63.5)	0.516"	(13.1)
10F12M12P	3/4"	3/4"	1.75"	(44.5)	2.50"	(63.5)	0.516"	(13.1)
10F12M16P	3/4"	1"	2.13"	(54.1)	2.75"	(69.9)	0.516"	(13.1)
10F16M2P	1"	1/8"	1.75"	(44.5)	3.00"	(76.2)	0.339"	(8.6)
10F16M4P	1"	1/4"	1.75"	(44.5)	3.00"	(76.2)	0.437"	(11.1)
10F16M6P	1"	3/8"	1.75"	(44.5)	3.00"	(76.2)	0.578"	(14.7)
10F16M8P	1"	1/2"	1.75"	(44.5)	3.00"	(76.2)	0.687"	(17.4)
10F16M12P	1"	3/4"	1.75"	(44.5)	3.00"	(76.2)	0.687"	(17.4)
10F16M16P	1"	1"	2.13"	(54.1)	3.50"	(88.9)	0.687"	(17.4)

NOTE: See page ACC-1 to determine maximum allowable working pressure (MAWP)

All dimensions are for reference only and are subject to change.
Dimensions in parentheses are millimeters (mm).