

# Adapters and Couplings



Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

# Contents

Medium & High Pressure Fittings and Tubing

Quick Couplings

Medium & High Pressure Valves

Line Filters

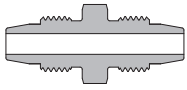
Sour Service Products

Subsea Valves

Tools and Installation Instructions

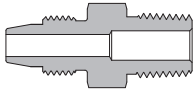
Technical Information

Male DHL Series to Male DHL Series - MMA



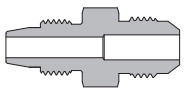
A-70

Male DHL Series to Male NPT - MMA



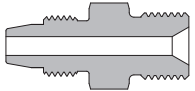
A-70

Male DHL Series to Male JIC - MMA



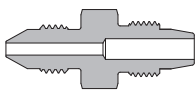
A-71

Male DHL Series to Male Type "M" - MMA



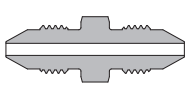
A-72

Male MP to Male DHL Series - MMA



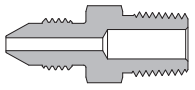
A-72

Male MP to Male MP - MMA



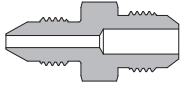
A-73

Male MP to Male NPT - MMA



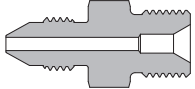
A-74

Male MP to Male JIC - MMA



A-75

Male MP to Male Type "M" - MMA



A-76

Male HP to Male DHL Series - MMA



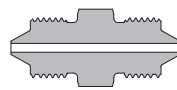
A-77

Male HP to Male MP - MMA



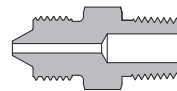
A-77

Male HP to Male HP - MMA



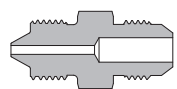
A-78

Male HP to Male NPT - MMA



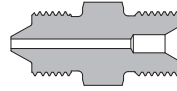
A-78

Male HP to Male JIC - MMA



A-79

Male HP to Male Type "M" - MMA



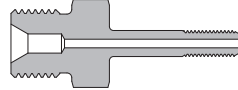
A-79

Male Type "M" to MP Nipples - MMA



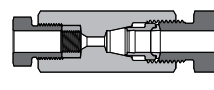
A-80

Male Type "M" to HP Nipples - MMA



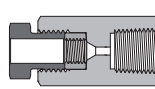
A-81

Female MP to Female DHL Series - FFC



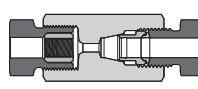
A-81

Female MP to Female NPT - FFC



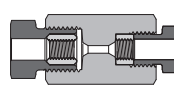
A-82

Female HP to Female DHL Series - FFC



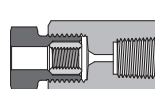
A-83

Female HP to Female MP - FFC



A-83

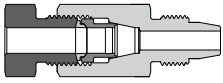
Female HP to Female NPT - FFC



A-84

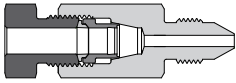
# Contents

Female DHL Series to Male DHL Series - FMA



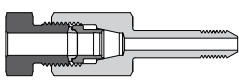
A-84

Female DHL Series to Male MP - FMA



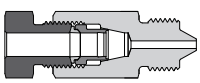
A-85

Female DHL Series to MP Nipples - FMA



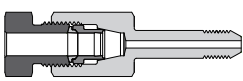
A-86

Female DHL Series to Male HP - FMA



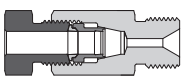
A-87

Female DHL Series to HP Nipples - FMA



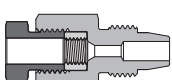
A-87

Female DHL Series to Male Type "M" - FMA



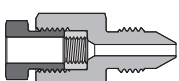
A-88

Female MP to Male DHL Series - FMA



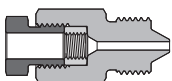
A-89

Female MP to Male MP - FMA



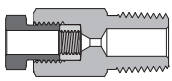
A-90

Female MP to Male HP - FMA



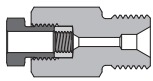
A-91

Female MP to Male NPT - FMA



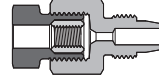
A-92

Female MP to Male Type "M" - FMA



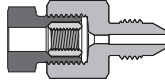
A-93

Female HP to Male DHL Series - FMA



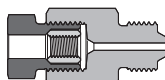
A-94

Female HP to Male MP - FMA



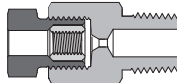
A-94

Female HP to Male HP - FMA



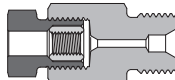
A-95

Female HP to Male NPT - FMA



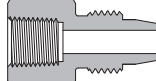
A-95

Female HP to Male Type "M" - FMA



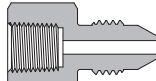
A-96

Female NPT to Male DHL Series - FMA



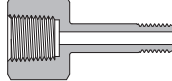
A-97

Female NPT to Male MP - FMA



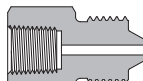
A-98

Female NPT to MP Nipples - FMA



A-99

Female NPT to Male HP - FMA



A-100

Female NPT to HP Nipples - FMA



A-101

**Ordering Number Description**

A-102

## Features

- ⦿ High tensile 316 Stainless Steel as standard material, other materials also available upon request
- ⦿ Every fitting marked with size, material and heat number

## Working Pressure

The working pressures of Adapters and Couplings are shown in the "**Ordering Information and Dimensions**".

## Working Temperature

Connection Type	Working Temperature Range
Male DHL Series	-423°F to 1200°F (-252°C to 649°C)
Male MP	-423°F to 1200°F (-252°C to 649°C)
Male HP	-423°F to 1200°F (-252°C to 649°C)
Female DHL Series	-325°F to 800°F (-198°C to 427°C)
Female MP	-423°F to 1200°F (-252°C to 649°C)
Female HP	-423°F to 1200°F (-252°C to 649°C)
MP Nipples	-423°F to 1200°F (-252°C to 649°C)
HP Nipples	-423°F to 1200°F (-252°C to 649°C)
NPT Pipe Thread	-325°F to 400°F (-198°C to 204°C)
JIC (37°Flare)	-423°F to 1200°F (-252°C to 649°C)
Male Type "M"	-423°F to 1200°F (-252°C to 649°C)

## "Two-piece" Design

Ordering number with designator "□CP" is for "two-piece" male to male and female to male adapters. They are identical to the "one-piece" design in length. They can be ordered by using "CP" to take the place of "MP".

Example:

Ordering number of "one-piece": SS-MMA-6MP6-6MP4

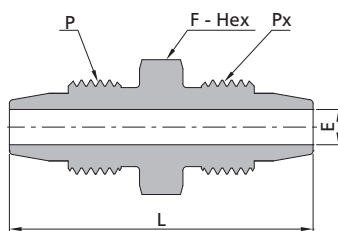
The corresponding ordering number of "two-piece": SS-MMA-6CP6-6CP4.

## Cautions:

- ⦿ Do not loosen or tighten fittings when the system is pressurized.
- ⦿ Always use proper thread sealants on tapered pipe threads.

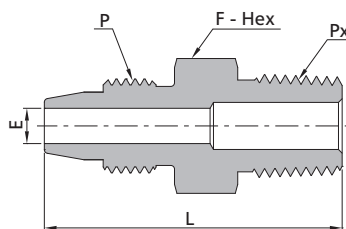
## Ordering Information and Dimensions

### Male DHL Series to Male DHL Series



Male DHL Series			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DMP2	DMP2	SS-MMA-DMP2	1.60 (40.6)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DMP4	DMP2	SS-MMA-DMP4-DMP2	1.79 (45.5)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DMP4	DMP4	SS-MMA-DMP4	1.94 (49.4)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DMP6	DMP2	SS-MMA-DMP6-DMP2	1.85 (46.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DMP6	DMP4	SS-MMA-DMP6-DMP4	2.00 (50.8)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DMP6	DMP6	SS-MMA-DMP6	2.02 (51.2)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DMP8	DMP2	SS-MMA-DMP8-DMP2	2.06 (52.2)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
DMP8	DMP4	SS-MMA-DMP8-DMP4	2.21 (56.1)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
DMP8	DMP6	SS-MMA-DMP8-DMP6	2.22 (56.5)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
DMP8	DMP8	SS-MMA-DMP8	2.35 (59.8)	0.94 (23.8)	0.37 (9.5)	15000 (1034)

### Male DHL Series to Male NPT

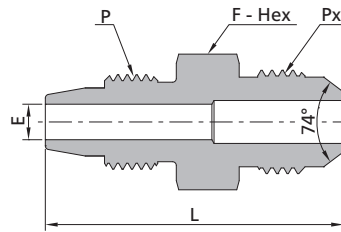


Male DHL Series			Male NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DMP2	NS2	SS-MMA-DMP-NS2	1.32 (33.5)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DMP2	NS4	SS-MMA-DMP2-NS4	1.52 (38.5)	0.56 (14.3)	0.09 (2.4)	15000 (1034)
DMP2	NS6	SS-MMA-DMP2-NS6	1.56 (39.5)	0.69 (17.5)	0.09 (2.4)	15000 (1034)
DMP2	NS8	SS-MMA-DMP2-NS8	1.82 (46.4)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
DMP2	NS12	SS-MMA-DMP2-NS12	1.90 (48.4)	1.06 (27.0)	0.09 (2.4)	10000 (690)
DMP2	NS16	SS-MMA-DMP2-NS16	2.19 (55.7)	1.37 (34.9)	0.09 (2.4)	10000 (690)
DMP4	NS2	SS-MMA-DMP4-NS2	1.51 (38.4)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DMP4	NS4	SS-MMA-DMP4-NS4	1.69 (42.9)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DMP4	NS6	SS-MMA-DMP4-NS6	1.71 (43.4)	0.69 (17.5)	0.19 (4.8)	15000 (1034)
DMP4	NS8	SS-MMA-DMP4-NS8	1.98 (50.3)	0.87 (22.2)	0.19 (4.8)	15000 (1034)
DMP4	NS12	SS-MMA-DMP4-NS12	2.06 (52.3)	1.06 (27.0)	0.19 (4.8)	10000 (690)
DMP4	NS16	SS-MMA-DMP4-NS16	2.35 (59.6)	1.37 (34.9)	0.19 (4.8)	10000 (690)

A-71 Adapters and Couplings

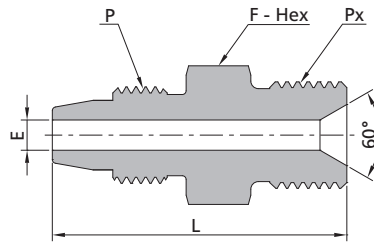
Male DHL Series				Male NPT		
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DMP6	NS2	SS-MMA-DMP6-NS2	1.57(39.8)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DMP6	NS4	SS-MMA-DMP6-NS4	1.74 (44.3)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DMP6	NS6	SS-MMA-DMP6-NS6	1.74 (44.3)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DMP6	NS8	SS-MMA-DMP6-NS8	1.99 (50.7)	0.87 (22.2)	0.25 (6.4)	15000 (1034)
DMP6	NS12	SS-MMA-DMP6-NS12	2.07 (52.7)	1.06 (27.0)	0.25 (6.4)	10000 (690)
DMP6	NS16	SS-MMA-DMP6-NS16	2.36 (60.0)	1.37 (34.9)	0.25 (6.4)	10000 (690)
DMP8	NS2	SS-MMA-DMP8-NS2	1.78 (45.1)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
DMP8	NS4	SS-MMA-DMP8-NS4	1.95 (49.6)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
DMP8	NS6	SS-MMA-DMP8-NS6	1.95 (49.6)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
DMP8	NS8	SS-MMA-DMP8-NS8	2.14 (54.5)	0.94 (23.8)	0.37 (9.5)	15000 (1034)
DMP8	NS12	SS-MMA-DMP8-NS12	2.20 (56.0)	1.06 (27.0)	0.37 (9.5)	10000 (690)
DMP8	NS16	SS-MMA-DMP8-NS16	2.49 (63.3)	1.37 (34.9)	0.37 (9.5)	10000 (690)

Male DHL Series to Male JIC



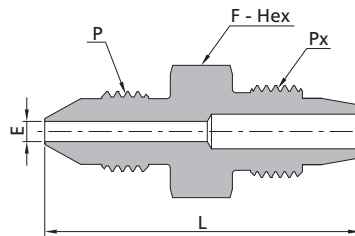
Male DHL Series				Male JIC		
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DMP2	AN4	SS-MMA-DMP2-AN4	1.49 (37.8)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DMP2	AN6	SS-MMA-DMP2-AN6	1.53 (38.9)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DMP2	AN8	SS-MMA-DMP2-AN8	1.71 (43.5)	0.81 (20.6)	0.09 (2.4)	15000 (1034)
DMP2	AN10	SS-MMA-DMP2-AN10	1.85 (47.1)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
DMP2	AN12	SS-MMA-DMP2-AN12	2.04 (51.7)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
DMP2	AN16	SS-MMA-DMP2-AN16	2.16 (54.9)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
DMP4	AN4	SS-MMA-DMP4-AN4	1.68 (42.7)	0.63 (15.9)	0.17 (4.4)	15000 (1034)
DMP4	AN6	SS-MMA-DMP4-AN6	1.69 (42.8)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DMP4	AN8	SS-MMA-DMP4-AN8	1.87 (47.4)	0.81 (20.6)	0.19 (4.8)	15000 (1034)
DMP4	AN10	SS-MMA-DMP4-AN10	2.01 (51.0)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
DMP4	AN12	SS-MMA-DMP4-AN12	2.19 (55.6)	1.13 (28.6)	0.19 (4.8)	15000 (1034)
DMP4	AN16	SS-MMA-DMP4-AN16	2.31 (58.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
DMP6	AN4	SS-MMA-DMP6-AN4	1.74 (44.1)	0.75 (19.1)	0.17 (4.4)	15000 (1034)
DMP6	AN6	SS-MMA-DMP6-AN6	1.74 (44.2)	0.75 (19.1)	0.23 (5.8)	15000 (1034)
DMP6	AN8	SS-MMA-DMP6-AN8	1.88 (47.8)	0.81 (20.6)	0.25 (6.4)	15000 (1034)
DMP6	AN10	SS-MMA-DMP6-AN10	2.02 (51.4)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
DMP6	AN12	SS-MMA-DMP6-AN12	2.20(56.0)	1.13 (28.6)	0.25 (6.4)	15000 (1034)
DMP6	AN16	SS-MMA-DMP6-AN16	2.33(59.2)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
DMP8	AN4	SS-MMA-DMP8-AN4	1.94 (49.4)	0.94 (23.8)	0.17 (4.4)	15000 (1034)
DMP8	AN6	SS-MMA-DMP8-AN6	1.95 (49.5)	0.94 (23.8)	0.23 (5.8)	15000 (1034)
DMP8	AN8	SS-MMA-DMP8-AN8	2.05 (52.1)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
DMP8	AN10	SS-MMA-DMP8-AN10	2.15(54.7)	0.94 (23.8)	0.37 (9.4)	15000 (1034)
DMP8	AN12	SS-MMA-DMP8-AN12	2.33 (59.3)	1.13 (28.6)	0.37 (9.5)	15000 (1034)
DMP8	AN16	SS-MMA-DMP8-AN16	2.46 (62.5)	1.37 (34.9)	0.37 (9.5)	15000 (1034)

## Male DHL Series to Male Type "M"



Male DHL Series			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DMP2	HM9	SS-MMA-DMP2-HM9	1.48(37.5)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DMP2	HM12	SS-MMA-DMP2-HM12	1.65(41.8)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DMP2	HM14	SS-MMA-DMP2-HM14	1.87(47.5)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
DMP2	HM16	SS-MMA-DMP2-HM16	1.76(44.6)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
DMP2	HM21	SS-MMA-DMP2-HM21	1.87(47.5)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
DMP4	HM9	SS-MMA-DMP4-HM9	1.63(41.4)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DMP4	HM12	SS-MMA-DMP4-HM12	1.80(45.7)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DMP4	HM14	SS-MMA-DMP4-HM14	2.02(51.4)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DMP4	HM16	SS-MMA-DMP4-HM16	1.91(48.5)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
DMP4	HM21	SS-MMA-DMP4-HM21	2.02(51.4)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
DMP6	HM9	SS-MMA-DMP6-HM9	1.69(42.8)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DMP6	HM12	SS-MMA-DMP6-HM12	1.81(46.1)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DMP6	HM14	SS-MMA-DMP6-HM14	2.04(51.8)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DMP6	HM16	SS-MMA-DMP6-HM16	1.93(48.9)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
DMP6	HM21	SS-MMA-DMP6-HM21	2.04(51.8)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
DMP8	HM9	SS-MMA-DMP8-HM9	1.89(48.1)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
DMP8	HM12	SS-MMA-DMP8-HM12	2.02(51.4)	0.94 (23.8)	0.29 (7.4)	15000 (1034)
DMP8	HM14	SS-MMA-DMP8-HM14	2.17(55.1)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DMP8	HM16	SS-MMA-DMP8-HM16	2.06(52.2)	1.00 (25.4)	0.37 (9.5)	15000 (1034)
DMP8	HM21	SS-MMA-DMP8-HM21	2.17(55.1)	1.37 (34.9)	0.37 (9.5)	15000 (1034)

## Male MP to Male DHL Series



Male MP			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP4	DMP2	SS-MMA-2MP4-DMP2	1.62(41.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
2MP4	DMP4	SS-MMA-2MP4-DMP4	1.81(46.1)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2MP4	DMP6	SS-MMA-2MP4-DMP6	1.87(47.5)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
2MP4	DMP8	SS-MMA-2MP4-DMP8	2.08(52.8)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
2MP6	DMP2	SS-MMA-2MP6-DMP2	1.81(45.9)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
2MP6	DMP4	SS-MMA-2MP6-DMP4	1.96(49.8)	0.63 (15.9)	0.19 (4.8)	15000 (1034)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

Sour Service Products

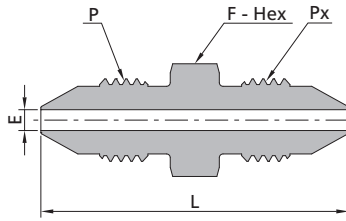
Subsea Valves

Tools and Installation  
Instructions

Technical Information

Male MP			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP6	DMP6	SS-MMA-2MP6-DMP6	2.02(51.2)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2MP6	DMP8	SS-MMA-2MP6-DMP8	2.22(56.5)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
2MP9	DMP2	SS-MMA-2MP9-DMP2	2.11(53.7)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
2MP9	DMP4	SS-MMA-2MP9-DMP4	2.27(57.6)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
2MP9	DMP6	SS-MMA-2MP9-DMP6	2.28(58.0)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
2MP9	DMP8	SS-MMA-2MP9-DMP8	2.41(61.3)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
2MP12	DMP2	SS-MMA-2MP12-DMP2	2.38(60.5)	1.19 (30.2)	0.09 (2.4)	15000 (1034)
2MP12	DMP4	SS-MMA-2MP12-DMP4	2.54(64.4)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
2MP12	DMP6	SS-MMA-2MP12-DMP6	2.55(64.8)	1.19 (30.2)	0.25 (6.4)	15000 (1034)
2MP12	DMP8	SS-MMA-2MP12-DMP8	2.68(68.1)	1.19 (30.2)	0.37 (9.5)	15000 (1034)
2MP16	DMP2	SS-MMA-2MP16-DMP2	2.93(74.3)	1.50 (38.1)	0.09 (2.4)	15000 (1034)
2MP16	DMP4	SS-MMA-2MP16-DMP4	3.08(78.2)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
2MP16	DMP6	SS-MMA-2MP16-DMP6	3.09(78.6)	1.50 (38.1)	0.37 (9.5)	15000 (1034)
2MP16	DMP8	SS-MMA-2MP16-DMP8	3.22(81.9)	1.50 (38.1)	0.37 (9.5)	15000 (1034)

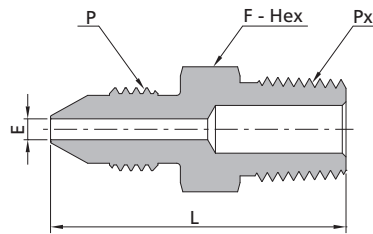
Male MP to Male MP



Male MP			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP4	2MP4	SS-MMA-2MP4	1.63 (41.3)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
2MP6	2MP4	SS-MMA-2MP6-2MP4	1.87 (47.6)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2MP6	2MP6	SS-MMA-2MP6	2.00 (50.8)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
2MP9	2MP4	SS-MMA-2MP9-2MP4	2.13 (54.0)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2MP9	2MP6	SS-MMA-2MP9-2MP6	2.31 (58.7)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2MP9	2MP9	SS-MMA-2MP9	2.50 (63.5)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP12	2MP4	SS-MMA-2MP12-2MP4	2.44 (61.9)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2MP12	2MP6	SS-MMA-2MP12-2MP6	2.56 (65.1)	1.19 (30.2)	0.20 (5.2)	20000 (1379)
2MP12	2MP9	SS-MMA-2MP12-2MP9	2.75 (69.9)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2MP12	2MP12	SS-MMA-2MP12	2.94 (74.6)	1.19 (30.2)	0.44 (11.1)	20000 (1379)
2MP16	2MP4	SS-MMA-2MP16-2MP4	3.00 (76.2)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
2MP16	2MP6	SS-MMA-2MP16-2MP6	3.13 (79.4)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
2MP16	2MP9	SS-MMA-2MP16-2MP9	3.31 (84.2)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2MP16	2MP12	SS-MMA-2MP16-2MP12	3.44 (87.4)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
2MP16	2MP16	SS-MMA-2MP16	3.94 (100.2)	1.50 (38.1)	0.56 (14.3)	20000 (1379)



## Male MP to Male NPT



Male MP			Male NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP4	NS2	SS-MMA-2MP4-NS2	1.37 (34.9)	0.50 (12.7)	0.11 (2.8)	15000 (1034)
2MP4	NS4	SS-MMA-2MP4-NS4	1.56 (39.7)	0.56 (14.3)	0.11 (2.8)	15000 (1034)
2MP4	NS6	SS-MMA-2MP4-NS6	1.63 (41.3)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
2MP4	NS8	SS-MMA-2MP4-NS8	1.87 (47.6)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
2MP4	NS12	SS-MMA-2MP4-NS12	1.94 (49.2)	1.06 (27.0)	0.11 (2.8)	10000 (690)
2MP4	NS16	SS-MMA-2MP4-NS16	2.25 (57.2)	1.37 (34.9)	0.11 (2.8)	10000 (690)
2MP6	NS2	SS-MMA-2MP6-NS2	1.56 (39.7)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
2MP6	NS4	SS-MMA-2MP6-NS4	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
2MP6	NS6	SS-MMA-2MP6-NS6	1.75 (44.5)	0.69 (17.5)	0.20 (5.2)	15000 (1034)
2MP6	NS8	SS-MMA-2MP6-NS8	2.00 (50.8)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
2MP6	NS12	SS-MMA-2MP6-NS12	2.06 (52.4)	1.06 (27.0)	0.20 (5.2)	10000 (690)
2MP6	NS16	SS-MMA-2MP6-NS16	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	10000 (690)
2MP9	NS2	SS-MMA-2MP9-NS2	1.87 (47.6)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
2MP9	NS4	SS-MMA-2MP9-NS4	2.06 (52.4)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
2MP9	NS6	SS-MMA-2MP9-NS6	2.06 (52.4)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
2MP9	NS8	SS-MMA-2MP9-NS8	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
2MP9	NS12	SS-MMA-2MP9-NS12	2.31 (58.7)	1.06 (27.0)	0.31 (7.9)	10000 (690)
2MP9	NS16	SS-MMA-2MP9-NS16	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	10000 (690)
2MP12	NS2	SS-MMA-2MP12-NS2	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
2MP12	NS4	SS-MMA-2MP12-NS4	2.31 (58.7)	1.19 (30.2)	0.25 (6.4)	15000 (1034)
2MP12	NS6	SS-MMA-2MP12-NS6	2.31 (58.7)	1.19 (30.2)	0.31 (7.9)	15000 (1034)
2MP12	NS8	SS-MMA-2MP12-NS8	2.50 (63.5)	1.19 (30.2)	0.38 (9.6)	15000 (1034)
2MP12	NS12	SS-MMA-2MP12-NS12	2.50 (63.5)	1.19 (30.2)	0.44 (11.1)	10000 (690)
2MP12	NS16	SS-MMA-2MP12-NS16	2.75 (69.9)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2MP16	NS2	SS-MMA-2MP16-NS2	2.69 (68.3)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
2MP16	NS4	SS-MMA-2MP16-NS4	2.81 (71.4)	1.50 (38.1)	0.25 (6.4)	15000 (1034)
2MP16	NS6	SS-MMA-2MP16-NS6	2.81 (71.4)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
2MP16	NS8	SS-MMA-2MP16-NS8	3.06 (77.8)	1.50 (38.1)	0.38 (9.6)	15000 (1034)
2MP16	NS12	SS-MMA-2MP16-NS12	3.06 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)
2MP16	NS16	SS-MMA-2MP16-NS16	3.25 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

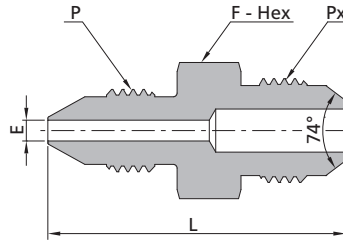
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

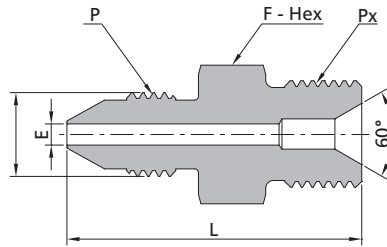
Male MP to Male JIC



Male MP			Male JIC			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP4	AN4	SS-MMA-2MP4-AN4	1.50 (38.1)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
2MP4	AN6	SS-MMA-2MP4-AN6	1.63 (41.3)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2MP4	AN8	SS-MMA-2MP4-AN8	1.75 (44.5)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
2MP4	AN10	SS-MMA-2MP4-AN10	1.87 (47.6)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2MP4	AN12	SS-MMA-2MP4-AN12	2.06 (52.4)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
2MP4	AN16	SS-MMA-2MP4-AN16	2.19 (55.6)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
2MP6	AN4	SS-MMA-2MP6-AN4	1.75 (44.5)	0.63 (15.9)	0.17 (4.4)	20000 (1379)
2MP6	AN6	SS-MMA-2MP6-AN6	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
2MP6	AN8	SS-MMA-2MP6-AN8	1.87 (47.6)	0.81 (20.6)	0.20 (5.2)	20000 (1379)
2MP6	AN10	SS-MMA-2MP6-AN10	2.06 (52.4)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2MP6	AN12	SS-MMA-2MP6-AN12	2.25 (57.2)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
2MP6	AN16	SS-MMA-2MP6-AN16	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
2MP9	AN4	SS-MMA-2MP9-AN4	2.00 (50.8)	0.94 (23.8)	0.17 (4.4)	20000 (1379)
2MP9	AN6	SS-MMA-2MP9-AN6	2.06 (52.4)	0.94 (23.8)	0.23 (5.8)	20000 (1379)
2MP9	AN8	SS-MMA-2MP9-AN8	2.13 (54.0)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP9	AN10	SS-MMA-2MP9-AN10	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP9	AN12	SS-MMA-2MP9-AN12	2.44 (61.9)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
2MP9	AN16	SS-MMA-2MP9-AN16	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2MP12	AN4	SS-MMA-2MP12-AN4	2.31 (58.7)	1.19 (30.2)	0.17 (4.4)	20000 (1379)
2MP12	AN6	SS-MMA-2MP12-AN6	2.31 (58.7)	1.19 (30.2)	0.23 (5.8)	20000 (1379)
2MP12	AN8	SS-MMA-2MP12-AN8	2.37 (60.3)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2MP12	AN10	SS-MMA-2MP12-AN10	2.50 (63.5)	1.19 (30.2)	0.37 (9.4)	20000 (1379)
2MP12	AN12	SS-MMA-2MP12-AN12	2.63 (66.7)	1.19 (30.2)	0.44 (11.1)	15000 (1034)
2MP12	AN16	SS-MMA-2MP12-AN16	2.69 (68.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2MP16	AN4	SS-MMA-2MP16-AN4	2.81 (71.4)	1.50 (38.1)	0.17 (4.4)	20000 (1379)
2MP16	AN6	SS-MMA-2MP16-AN6	2.81 (71.4)	1.50 (38.1)	0.23 (5.8)	20000 (1379)
2MP16	AN8	SS-MMA-2MP16-AN8	2.94 (74.6)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2MP16	AN10	SS-MMA-2MP16-AN10	3.06 (77.8)	1.50 (38.1)	0.37 (9.4)	20000 (1379)
2MP16	AN12	SS-MMA-2MP16-AN12	3.13 (79.4)	1.50 (38.1)	0.46 (11.6)	15000 (1034)
2MP16	AN16	SS-MMA-2MP16-AN16	3.19 (81.0)	1.50 (38.1)	0.56 (14.3)	15000 (1034)

Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

## Male MP to Male Type "M"



Male MP			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2MP4	HM9	SS-MMA-2MP4-HM9	1.52 (38.7)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2MP4	HM12	SS-MMA-2MP4-HM12	1.69 (43.0)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2MP4	HM14	SS-MMA-2MP4-HM14	1.90 (48.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2MP4	HM16	SS-MMA-2MP4-HM16	1.78 (45.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2MP4	HM21	SS-MMA-2MP4-HM21	1.90 (48.3)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
2MP6	HM9	SS-MMA-2MP6-HM9	1.67 (42.4)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2MP6	HM12	SS-MMA-2MP6-HM12	1.84 (46.7)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
2MP6	HM14	SS-MMA-2MP6-HM14	2.04 (51.9)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2MP6	HM16	SS-MMA-2MP6-HM16	1.93 (49.0)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2MP6	HM21	SS-MMA-2MP6-HM21	2.05 (52.0)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
2MP9	HM9	SS-MMA-2MP9-HM9	1.95 (49.6)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
2MP9	HM12	SS-MMA-2MP9-HM12	2.08 (52.9)	0.94 (23.8)	0.29 (7.4)	20000 (1379)
2MP9	HM14	SS-MMA-2MP9-HM14	2.23 (56.7)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2MP9	HM16	SS-MMA-2MP9-HM16	2.12 (53.8)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2MP9	HM21	SS-MMA-2MP9-HM21	2.24 (56.8)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2MP12	HM9	SS-MMA-2MP12-HM9	2.22 (56.3)	1.19 (30.2)	0.09 (2.4)	20000 (1379)
2MP12	HM12	SS-MMA-2MP12-HM12	2.35 (59.6)	1.19 (30.2)	0.29 (7.4)	20000 (1379)
2MP12	HM14	SS-MMA-2MP12-HM14	2.47 (62.8)	1.19 (30.2)	0.15 (3.8)	20000 (1379)
2MP12	HM16	SS-MMA-2MP12-HM16	2.36 (59.9)	1.19 (30.2)	0.39 (10.0)	20000 (1379)
2MP12	HM21	SS-MMA-2MP12-HM21	2.41 (61.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2MP16	HM9	SS-MMA-2MP16-HM9	2.77 (70.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
2MP16	HM12	SS-MMA-2MP16-HM12	2.90 (73.6)	1.50 (38.1)	0.29 (7.4)	20000 (1379)
2MP16	HM14	SS-MMA-2MP16-HM14	3.02 (76.8)	1.50 (38.1)	0.15 (3.8)	20000 (1379)
2MP16	HM16	SS-MMA-2MP16-HM16	2.91 (73.9)	1.50 (38.1)	0.39 (10.0)	20000 (1379)
2MP16	HM21	SS-MMA-2MP16-HM21	2.89 (73.3)	1.50 (38.1)	0.56 (14.3)	20000 (1379)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

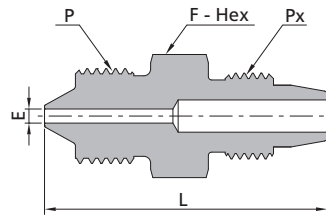
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

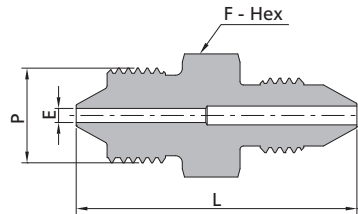
Technical Information

Male HP to Male DHL Series



Male HP			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	DMP2	SS-MMA-6MP4-DMP2	1.60(40.6)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	DMP4	SS-MMA-6MP4-DMP4	1.75(44.5)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	DMP6	SS-MMA-6MP4-DMP6	1.81(45.9)	0.75 (19.1)	0.08 (2.1)	15000 (1034)
6MP4	DMP8	SS-MMA-6MP4-DMP8	2.02(51.2)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
6MP6	DMP2	SS-MMA-6MP6-DMP2	1.93(49.0)	0.81 (20.6)	0.09 (2.4)	15000 (1034)
6MP6	DMP4	SS-MMA-6MP6-DMP4	2.08(52.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	DMP6	SS-MMA-6MP6-DMP6	2.10(53.3)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	DMP8	SS-MMA-6MP6-DMP8	2.37(60.1)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
6MP9	DMP2	SS-MMA-6MP9-DMP2	2.24(56.8)	1.19 (30.2)	0.09 (2.4)	15000 (1034)
6MP9	DMP4	SS-MMA-6MP9-DMP4	2.39(60.7)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	DMP6	SS-MMA-6MP9-DMP6	2.41(61.1)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	DMP8	SS-MMA-6MP9-DMP8	2.54(64.4)	1.19 (30.2)	0.19 (4.8)	15000 (1034)

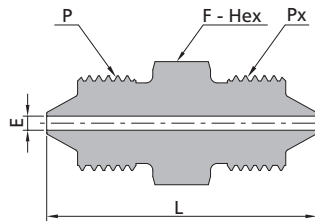
Male HP to Male MP



Male HP			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	2MP4	SS-MMA-6MP4-2MP4	1.69 (42.9)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	2MP6	SS-MMA-6MP4-2MP6	1.81 (46.0)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	2MP9	SS-MMA-6MP4-2MP9	2.06 (52.4)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
6MP4	2MP12	SS-MMA-6MP4-2MP12	2.37 (60.3)	1.19 (30.2)	0.08 (2.1)	20000 (1379)
6MP4	2MP16	SS-MMA-6MP4-2MP16	2.94 (74.6)	1.50 (38.1)	0.08 (2.1)	20000 (1379)
6MP6	2MP4	SS-MMA-6MP6-2MP4	2.00 (50.8)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
6MP6	2MP6	SS-MMA-6MP6-2MP6	2.13 (54.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	2MP9	SS-MMA-6MP6-2MP9	2.37 (60.3)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
6MP6	2MP12	SS-MMA-6MP6-2MP12	2.63 (66.7)	1.19 (30.2)	0.13 (3.2)	20000 (1379)
6MP6	2MP16	SS-MMA-6MP6-2MP16	3.13 (79.4)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
6MP9	2MP4	SS-MMA-6MP9-2MP4	2.25 (57.2)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
6MP9	2MP6	SS-MMA-6MP9-2MP6	2.44 (61.9)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP9	SS-MMA-6MP9-2MP9	2.63 (66.7)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP12	SS-MMA-6MP9-2MP12	2.80 (71.0)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP16	SS-MMA-6MP9-2MP16	3.31 (84.2)	1.50 (38.1)	0.19 (4.8)	20000 (1379)

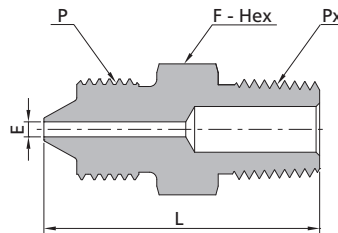
Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

## Male HP to Male HP



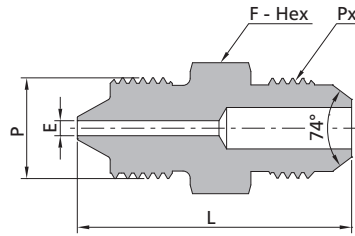
Male HP			Male HP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	6MP4	SS-MMA-6MP4	1.63 (41.3)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
6MP6	6MP4	SS-MMA-6MP6-6MP4	1.94 (49.2)	0.81 (20.6)	0.08 (2.1)	60000 (4137)
6MP6	6MP6	SS-MMA-6MP6	2.19 (55.6)	0.81 (20.6)	0.13 (3.2)	60000 (4137)
6MP9	6MP4	SS-MMA-6MP9-6MP4	2.19 (55.6)	1.19 (30.2)	0.08 (2.1)	60000 (4137)
6MP9	6MP6	SS-MMA-6MP9-6MP6	2.50 (63.5)	1.19 (30.2)	0.13 (3.2)	60000 (4137)
6MP9	6MP9	SS-MMA-6MP9	2.63 (66.7)	1.19 (30.2)	0.19 (4.8)	60000 (4137)

## Male HP to Male NPT



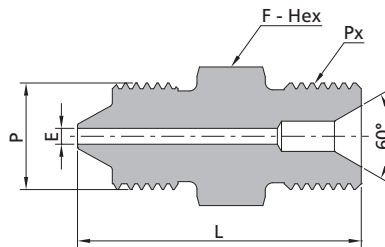
Male HP			Male NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	NS2	SS-MMA-6MP4-NS2	1.37 (34.9)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	NS4	SS-MMA-6MP4-NS4	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	NS6	SS-MMA-6MP4-NS6	1.56 (39.7)	0.69 (17.5)	0.08 (2.1)	15000 (1034)
6MP4	NS8	SS-MMA-6MP4-NS8	1.81 (46.0)	0.87 (22.2)	0.08 (2.1)	15000 (1034)
6MP4	NS12	SS-MMA-6MP4-NS12	1.87 (47.6)	1.06 (27.0)	0.08 (2.1)	10000 (690)
6MP4	NS16	SS-MMA-6MP4-NS16	2.19 (55.6)	1.37 (34.9)	0.08 (2.1)	10000 (690)
6MP6	NS2	SS-MMA-6MP6-NS2	1.69 (42.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	NS4	SS-MMA-6MP6-NS4	1.87 (47.6)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	NS6	SS-MMA-6MP6-NS6	1.87 (47.6)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	NS8	SS-MMA-6MP6-NS8	2.06 (52.4)	0.87 (22.2)	0.13 (3.2)	15000 (1034)
6MP6	NS12	SS-MMA-6MP6-NS12	2.13 (54.0)	1.06 (27.0)	0.13 (3.2)	10000 (690)
6MP6	NS16	SS-MMA-6MP6-NS16	2.44 (61.9)	1.37 (34.9)	0.13 (3.2)	10000 (690)
6MP9	NS2	SS-MMA-6MP9-NS2	2.00 (50.8)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	NS4	SS-MMA-6MP9-NS4	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	NS6	SS-MMA-6MP9-NS6	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	NS8	SS-MMA-6MP9-NS8	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	NS12	SS-MMA-6MP9-NS12	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	10000 (690)
6MP9	NS16	SS-MMA-6MP9-NS16	2.63 (66.7)	1.37 (34.9)	0.19 (4.8)	10000 (690)

Male HP to Male JIC



Male HP			Male JIC			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	AN4	SS-MMA-6MP4-AN4	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	AN6	SS-MMA-6MP4-AN6	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	AN8	SS-MMA-6MP4-AN8	1.69 (42.9)	0.81 (20.6)	0.08 (2.1)	20000 (1379)
6MP4	AN10	SS-MMA-6MP4-AN10	1.81 (46.0)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
6MP4	AN12	SS-MMA-6MP4-AN12	2.00 (50.8)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
6MP4	AN16	SS-MMA-6MP4-AN16	2.13 (54.0)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
6MP6	AN4	SS-MMA-6MP6-AN4	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	AN6	SS-MMA-6MP6-AN6	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	AN8	SS-MMA-6MP6-AN8	1.94 (49.2)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	AN10	SS-MMA-6MP6-AN10	2.06 (52.4)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
6MP6	AN12	SS-MMA-6MP6-AN12	2.25 (57.2)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
6MP6	AN16	SS-MMA-6MP6-AN16	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
6MP9	AN4	SS-MMA-6MP9-AN4	2.13 (54.0)	1.19 (30.2)	0.17 (4.4)	20000 (1379)
6MP9	AN6	SS-MMA-6MP9-AN6	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	AN8	SS-MMA-6MP9-AN8	2.25 (57.2)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	AN10	SS-MMA-6MP9-AN10	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	AN12	SS-MMA-6MP9-AN12	2.44 (61.9)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	AN16	SS-MMA-6MP9-AN16	2.56 (65.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)

Male HP to Male Type "M"

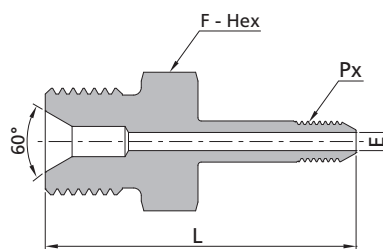


Male HP			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP4	HM9	SS-MMA-6MP4-HM9	1.46 (37.1)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
6MP4	HM12	SS-MMA-6MP4-HM12	1.63 (41.4)	0.75 (19.1)	0.08 (2.1)	30000 (2068)
6MP4	HM14	SS-MMA-6MP4-HM14	1.83 (46.6)	1.00 (25.4)	0.08 (2.1)	50000 (3447)
6MP4	HM16	SS-MMA-6MP4-HM16	1.72 (43.7)	1.00 (25.4)	0.08 (2.1)	30000 (2068)
6MP4	HM21	SS-MMA-6MP4-HM21	1.84 (46.7)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
6MP6	HM9	SS-MMA-6MP6-HM9	1.77 (44.9)	0.81 (20.6)	0.09 (2.4)	60000 (4137)
6MP6	HM12	SS-MMA-6MP6-HM12	1.90 (48.2)	0.81 (20.6)	0.13 (3.2)	30000 (2068)

Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

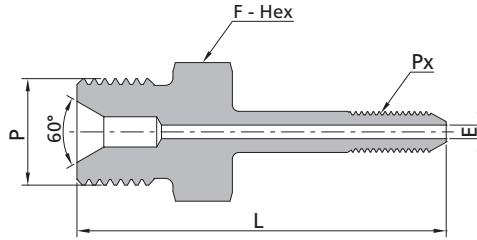
Male HP			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6MP6	HM14	SS-MMA-6MP6-HM14	2.09 (53.0)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
6MP6	HM16	SS-MMA-6MP6-HM16	1.97 (50.1)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6MP6	HM21	SS-MMA-6MP6-HM21	2.09 (53.1)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6MP9	HM9	SS-MMA-6MP9-HM9	2.07 (52.6)	1.19 (30.2)	0.09 (2.4)	60000 (4137)
6MP9	HM12	SS-MMA-6MP9-HM12	2.20 (55.9)	1.19 (30.2)	0.19 (4.8)	30000 (2068)
6MP9	HM14	SS-MMA-6MP9-HM14	2.33 (59.1)	1.19 (30.2)	0.15 (3.8)	50000 (3447)
6MP9	HM16	SS-MMA-6MP9-HM16	2.21 (56.2)	1.19 (30.2)	0.19 (4.8)	30000 (2068)
6MP9	HM21	SS-MMA-6MP9-HM21	2.26 (57.4)	1.37 (34.9)	0.19 (4.8)	20000 (1379)

### Male Type "M" to MP Nipples



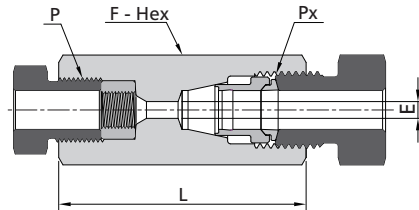
Male Type "M"			MP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HM9	2CT4	SS-MMA-HM9-2CT4	1.80 (45.7)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
HM9	2CT6	SS-MMA-HM9-2CT6	2.05 (52.1)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
HM9	2CT9	SS-MMA-HM9-2CT9	2.28 (58.0)	0.69 (17.5)	0.09 (2.4)	20000 (1379)
HM9	2CT12	SS-MMA-HM9-2CT12	2.58 (65.5)	0.87 (22.2)	0.09 (2.4)	20000 (1379)
HM9	2CT16	SS-MMA-HM9-2CT16	3.22 (81.7)	1.13 (28.6)	0.09 (2.4)	20000 (1379)
HM12	2CT4	SS-MMA-HM12-2CT4	1.97 (50.0)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
HM12	2CT6	SS-MMA-HM12-2CT6	2.22 (56.4)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
HM12	2CT9	SS-MMA-HM12-2CT9	2.43 (61.7)	0.75 (19.1)	0.29 (7.4)	20000 (1379)
HM12	2CT12	SS-MMA-HM12-2CT12	2.71 (68.8)	0.87 (22.2)	0.29 (7.4)	20000 (1379)
HM12	2CT16	SS-MMA-HM12-2CT16	3.35 (85.0)	1.13 (28.6)	0.29 (7.4)	20000 (1379)
HM14	2CT4	SS-MMA-HM14-2CT4	2.17 (55.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HM14	2CT6	SS-MMA-HM14-2CT6	2.43 (61.6)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT9	SS-MMA-HM14-2CT9	2.63 (66.9)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT12	SS-MMA-HM14-2CT12	2.88 (73.2)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT16	SS-MMA-HM14-2CT16	3.47 (88.2)	1.13 (28.6)	0.15 (3.8)	20000 (1379)
HM16	2CT4	SS-MMA-HM16-2CT4	2.06 (52.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HM16	2CT6	SS-MMA-HM16-2CT6	2.31 (58.7)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
HM16	2CT9	SS-MMA-HM16-2CT9	2.52 (64.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
HM16	2CT12	SS-MMA-HM16-2CT12	2.77 (70.3)	1.00 (25.4)	0.39 (10.0)	20000 (1379)
HM16	2CT16	SS-MMA-HM16-2CT16	3.36 (85.3)	1.13 (28.6)	0.39 (10.0)	20000 (1379)
HM21	2CT4	SS-MMA-HM21-2CT4	2.18 (55.3)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
HM21	2CT6	SS-MMA-HM21-2CT6	2.43 (61.7)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
HM21	2CT9	SS-MMA-HM21-2CT9	2.64 (67.0)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
HM21	2CT12	SS-MMA-HM21-2CT12	2.89 (73.3)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
HM21	2CT16	SS-MMA-HM21-2CT16	3.42 (86.9)	1.37 (34.9)	0.56 (14.3)	20000 (1379)

Male Type "M" to HP Nipples



Male Type "M"			HP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HM9	6CT4	SS-MMA-HM9-6CT4	2.15 (54.6)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
HM9	6CT6	SS-MMA-HM9-6CT6	2.53 (64.3)	0.63 (15.9)	0.09 (2.4)	60000 (4137)
HM9	6CT9	SS-MMA-HM9-6CT9	3.12 (79.3)	0.63 (15.9)	0.09 (2.4)	60000 (4137)
HM12	6CT4	SS-MMA-HM12-6CT4	2.31 (58.6)	0.75 (19.1)	0.08 (2.1)	30000 (2068)
HM12	6CT6	SS-MMA-HM12-6CT6	2.70 (68.6)	0.75 (19.1)	0.13 (3.2)	30000 (2068)
HM12	6CT9	SS-MMA-HM12-6CT9	3.29 (83.6)	0.75 (19.1)	0.19 (4.8)	30000 (2068)
HM14	6CT4	SS-MMA-HM14-6CT4	2.51 (63.8)	1.00 (25.4)	0.08 (2.1)	50000 (3447)
HM14	6CT6	SS-MMA-HM14-6CT6	2.91 (73.8)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
HM14	6CT9	SS-MMA-HM14-6CT9	3.50 (88.8)	1.00 (25.4)	0.15 (3.8)	50000 (3447)
HM16	6CT4	SS-MMA-HM16-6CT4	2.40 (60.9)	1.00 (25.4)	0.08 (2.1)	30000 (2068)
HM16	6CT6	SS-MMA-HM16-6CT6	2.79 (70.9)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
HM16	6CT9	SS-MMA-HM16-6CT9	3.38 (85.9)	1.00 (25.4)	0.19 (4.8)	30000 (2068)
HM21	6CT4	SS-MMA-HM21-6CT4	2.52 (63.9)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
HM21	6CT6	SS-MMA-HM21-6CT6	2.91 (73.9)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
HM21	6CT9	SS-MMA-HM21-6CT9	3.50 (88.9)	1.37 (34.9)	0.19 (4.8)	20000 (1379)

Female MP to Female DHL Series

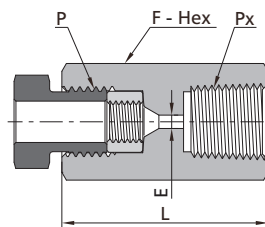


Female MP			Female DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	DHL2	SS-FFC-2FH4-DHL2	1.41(35.8)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
2FH4	DHL4	SS-FFC-2FH4-DHL4	1.67(42.3)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	DHL6	SS-FFC-2FH4-DHL6	1.76(44.7)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
2FH4	DHL8	SS-FFC-2FH4-DHL8	1.93(49.1)	1.00 (25.4)	0.11 (2.8)	15000 (1034)
2FH6	DHL2	SS-FFC-2FH6-DHL2	1.59(40.5)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
2FH6	DHL4	SS-FFC-2FH6-DHL4	1.85(47.1)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
2FH6	DHL6	SS-FFC-2FH6-DHL6	1.89(47.9)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	DHL8	SS-FFC-2FH6-DHL8	2.06(52.2)	1.00 (25.4)	0.20 (5.2)	15000 (1034)



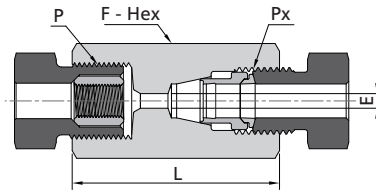
Female MP			Female DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH9	DHL2	SS-FFC-2FH9-DHL2	1.85(46.9)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
2FH9	DHL4	SS-FFC-2FH9-DHL4	2.04(51.8)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
2FH9	DHL6	SS-FFC-2FH9-DHL6	2.07(52.6)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
2FH9	DHL8	SS-FFC-2FH9-DHL8	2.24(57.0)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH12	DHL6	SS-FFC-2FH12-DHL6	2.39(60.6)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
2FH12	DHL8	SS-FFC-2FH12-DHL8	2.43(61.8)	1.37 (34.9)	0.37 (9.5)	15000 (1034)
2FH16	DHL8	SS-FFC-2FH16-DHL8	2.99(76.0)	1.75 (44.5)	0.37 (9.5)	15000 (1034)

### Female MP to Female NPT



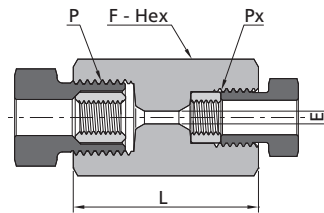
Female MP			Female NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	NS2	SS-FFC-2FH4-NS2	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	NS4	SS-FFC-2FH4-NS4	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
2FH4	NS6	SS-FFC-2FH4-NS6	1.63 (41.3)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
2FH4	NS8	SS-FFC-2FH4-NS8	2.00 (50.8)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
2FH6	NS2	SS-FFC-2FH6-NS2	1.50 (38.1)	0.75 (19.1)	0.20 (5.1)	15000 (1034)
2FH6	NS4	SS-FFC-2FH6-NS4	1.75 (44.5)	0.94 (23.8)	0.20 (5.1)	15000 (1034)
2FH6	NS6	SS-FFC-2FH6-NS6	1.81 (46.0)	1.13 (28.6)	0.20 (5.1)	15000 (1034)
2FH6	NS8	SS-FFC-2FH6-NS8	2.13 (54.0)	1.37 (34.9)	0.20 (5.1)	15000 (1034)
2FH6	NS12	SS-FFC-2FH6-NS12	2.25 (57.2)	1.50 (38.1)	0.20 (5.1)	10000 (690)
2FH9	NS2	SS-FFC-2FH9-NS2	1.63 (41.3)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	NS4	SS-FFC-2FH9-NS4	2.00 (50.8)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	NS6	SS-FFC-2FH9-NS6	2.00 (50.8)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
2FH9	NS8	SS-FFC-2FH9-NS8	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2FH9	NS12	SS-FFC-2FH9-NS12	2.25 (57.2)	1.50 (38.1)	0.31 (7.9)	10000 (690)
2FH9	NS16	SS-FFC-2FH9-NS16	2.63 (66.7)	1.75 (44.5)	0.31 (7.9)	10000 (690)
2FH12	NS2	SS-FFC-2FH12-NS2	1.75 (44.5)	1.37 (34.9)	0.32 (8.1)	15000 (1034)
2FH12	NS4	SS-FFC-2FH12-NS4	2.00 (50.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
2FH12	NS6	SS-FFC-2FH12-NS6	2.37 (60.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2FH12	NS8	SS-FFC-2FH12-NS8	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2FH12	NS12	SS-FFC-2FH12-NS12	2.63 (66.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
2FH12	NS16	SS-FFC-2FH12-NS16	2.63 (66.7)	1.75 (44.5)	0.44 (11.1)	10000 (690)
2FH16	NS4	SS-FFC-2FH16-NS4	2.37 (60.3)	1.75 (44.5)	0.41 (10.4)	15000 (1034)
2FH16	NS6	SS-FFC-2FH16-NS6	2.50 (63.5)	1.75 (44.5)	0.55 (13.9)	15000 (1034)
2FH16	NS8	SS-FFC-2FH16-NS8	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	15000 (1034)
2FH16	NS12	SS-FFC-2FH16-NS12	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)
2FH16	NS16	SS-FFC-2FH16-NS16	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)

Female HP to Female DHL Series



Female HP			Female DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	DHL2	SS-FFC-6FH4-DHL2	1.35(34.2)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DHL4	SS-FFC-6FH4-DHL4	1.67(42.3)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DHL6	SS-FFC-6FH4-DHL6	1.76(44.7)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DHL8	SS-FFC-6FH4-DHL8	1.93(49.1)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
6FH6	DHL2	SS-FFC-6FH6-DHL2	1.66(42.1)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
6FH6	DHL4	SS-FFC-6FH6-DHL4	1.92(48.7)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	DHL6	SS-FFC-6FH6-DHL6	1.94(49.4)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	DHL8	SS-FFC-6FH6-DHL8	2.18(55.4)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH9	DHL2	SS-FFC-6FH9-DHL2	1.85(46.9)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
6FH9	DHL4	SS-FFC-6FH9-DHL4	2.04(51.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	DHL6	SS-FFC-6FH9-DHL6	2.13(54.2)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	DHL8	SS-FFC-6FH9-DHL8	2.31(58.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)

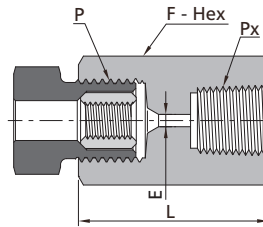
Female HP to Female MP



Female HP			Female MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	2FH4	SS-FFC-6FH4-2FH4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2FH6	SS-FFC-6FH4-2FH6	1.56 (39.7)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2FH9	SS-FFC-6FH4-2FH9	1.81 (46.0)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
6FH4	2FH12	SS-FFC-6FH4-2FH12	2.06 (52.4)	1.37 (34.9)	0.09 (2.4)	20000 (1379)
6FH4	2FH16	SS-FFC-6FH4-2FH16	2.56 (65.1)	1.75 (44.5)	0.09 (2.4)	20000 (1379)
6FH6	2FH4	SS-FFC-6FH6-2FH4	1.63 (41.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
6FH6	2FH6	SS-FFC-6FH6-2FH6	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2FH9	SS-FFC-6FH6-2FH9	2.06 (52.4)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2FH12	SS-FFC-6FH6-2FH12	2.31 (58.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6FH6	2FH16	SS-FFC-6FH6-2FH16	2.81 (71.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
6FH9	2FH4	SS-FFC-6FH9-2FH4	1.81 (46.0)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
6FH9	2FH6	SS-FFC-6FH9-2FH6	1.94 (49.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH9	SS-FFC-6FH9-2FH9	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH12	SS-FFC-6FH9-2FH12	2.44 (61.9)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH16	SS-FFC-6FH9-2FH16	3.00 (76.2)	1.75 (44.5)	0.19 (4.8)	20000 (1379)

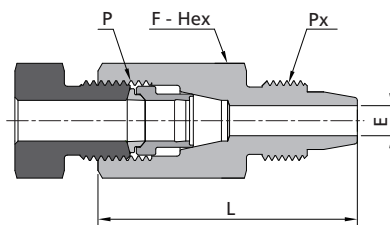
Medium & High Pressure Fittings and Tubing  
 Quick Couplings  
 Medium & High Pressure Valves  
 Line Filters  
 Sour Service Products  
 Subsea Valves  
 Tools and Installation Instructions  
 Technical Information

## Female HP to Female NPT



Female HP			Female NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	NS2	SS-FFC-6FH4-NS2	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	NS4	SS-FFC-6FH4-NS4	1.63 (41.3)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
6FH4	NS6	SS-FFC-6FH4-NS6	1.63 (41.3)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
6FH4	NS8	SS-FFC-6FH4-NS8	2.00 (50.8)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
6FH4	NS12	SS-FFC-6FH4-NS12	2.00 (50.8)	1.50 (38.1)	0.09 (2.4)	10000 (690)
6FH4	NS16	SS-FFC-6FH4-NS16	2.37 (60.3)	1.75 (44.5)	0.09 (2.4)	10000 (690)
6FH6	NS2	SS-FFC-6FH6-NS2	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS4	SS-FFC-6FH6-NS4	1.87 (47.6)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS6	SS-FFC-6FH6-NS6	1.87 (47.6)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
6FH6	NS8	SS-FFC-6FH6-NS8	2.13 (54.0)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
6FH6	NS12	SS-FFC-6FH6-NS12	2.13 (54.0)	1.50 (38.1)	0.13 (3.2)	10000 (690)
6FH6	NS16	SS-FFC-6FH6-NS16	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
6FH9	NS2	SS-FFC-6FH9-NS2	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS4	SS-FFC-6FH9-NS4	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS6	SS-FFC-6FH9-NS6	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS8	SS-FFC-6FH9-NS8	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS12	SS-FFC-6FH9-NS12	2.37 (60.3)	1.50 (38.1)	0.19 (4.8)	10000 (690)
6FH9	NS16	SS-FFC-6FH9-NS16	2.50 (63.5)	1.75 (44.5)	0.19 (4.8)	10000 (690)

## Female DHL Series to Male DHL Series



Female DHL Series			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	DMP2	SS-FMA-DHL2-DMP2	1.34(34.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DHL2	DMP4	SS-FMA-DHL2-DMP4	1.40(35.6)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DHL2	DMP6	SS-FMA-DHL2-DMP6	1.37(34.7)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DHL2	DMP8	SS-FMA-DHL2-DMP8	1.63(41.4)	0.94 (23.8)	0.09 (2.4)	15000 (1034)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

Sour Service Products

Subsea Valves

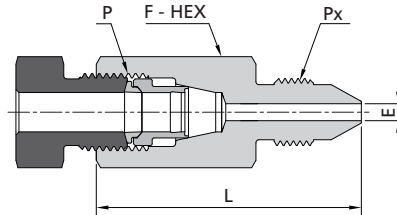
Tools and Installation  
Instructions

Technical Information

# A-85 Adapters and Couplings

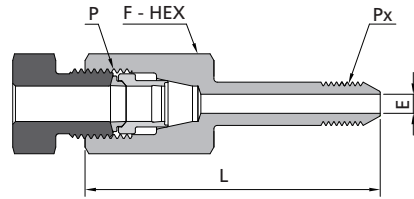
Female DHL Series			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL4	DMP2	SS-FMA-DHL4-DMP2	1.72(43.7)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DHL4	DMP4	SS-FMA-DHL4-DMP4	1.78(45.3)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DHL4	DMP6	SS-FMA-DHL4-DMP6	1.75(44.4)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DHL4	DMP8	SS-FMA-DHL4-DMP8	1.83(46.4)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
DHL6	DMP2	SS-FMA-DHL6-DMP2	1.81(46.1)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DHL6	DMP4	SS-FMA-DHL6-DMP4	1.94(49.3)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DHL6	DMP6	SS-FMA-DHL6-DMP6	1.91(48.4)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DHL6	DMP8	SS-FMA-DHL6-DMP8	1.92(48.8)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
DHL8	DMP2	SS-FMA-DHL8-DMP2	1.93(48.9)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
DHL8	DMP4	SS-FMA-DHL8-DMP4	2.05(52.1)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
DHL8	DMP6	SS-FMA-DHL8-DMP6	2.07(52.7)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
DHL8	DMP8	SS-FMA-DHL8-DMP8	2.15(54.7)	1.00 (25.4)	0.37 (9.5)	15000 (1034)

## Female DHL Series to Male MP



Female DHL Series			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	2MP4	SS-FMA-DHL2-2MP4	1.35(34.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DHL2	2MP6	SS-FMA-DHL2-2MP6	1.41(35.8)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DHL2	2MP9	SS-FMA-DHL2-2MP9	1.66(42.1)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
DHL2	2MP12	SS-FMA-DHL2-2MP12	1.91(48.5)	1.19 (30.2)	0.09 (2.4)	15000 (1034)
DHL2	2MP16	SS-FMA-DHL2-2MP16	2.53(64.3)	1.50 (38.1)	0.09 (2.4)	15000 (1034)
DHL4	2MP4	SS-FMA-DHL4-2MP4	1.67(42.3)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
DHL4	2MP6	SS-FMA-DHL4-2MP6	1.79(45.5)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DHL4	2MP9	SS-FMA-DHL4-2MP9	1.73(43.9)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
DHL4	2MP12	SS-FMA-DHL4-2MP12	1.92(48.7)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
DHL4	2MP16	SS-FMA-DHL4-2MP16	2.54(64.5)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
DHL6	2MP4	SS-FMA-DHL6-2MP4	1.82(46.3)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
DHL6	2MP6	SS-FMA-DHL6-2MP6	1.89(47.9)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
DHL6	2MP9	SS-FMA-DHL6-2MP9	1.94(49.4)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
DHL6	2MP12	SS-FMA-DHL6-2MP12	2.01(51.0)	1.19 (30.2)	0.25 (6.4)	15000 (1034)
DHL6	2MP16	SS-FMA-DHL6-2MP16	2.51(63.7)	1.50 (38.1)	0.25 (6.4)	15000 (1034)
DHL8	2MP4	SS-FMA-DHL8-2MP4	1.93(49.1)	1.00 (25.4)	0.11 (2.8)	15000 (1034)
DHL8	2MP6	SS-FMA-DHL8-2MP6	2.12(53.8)	1.00 (25.4)	0.20 (5.2)	15000 (1034)
DHL8	2MP9	SS-FMA-DHL8-2MP9	2.24(57.0)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
DHL8	2MP12	SS-FMA-DHL8-2MP12	2.24(57.0)	1.19 (30.2)	0.37 (9.5)	15000 (1034)
DHL8	2MP16	SS-FMA-DHL8-2MP16	2.68(68.1)	1.50 (38.1)	0.37 (9.5)	15000 (1034)

## Female DHL Series to MP Nipples



Female DHL Series			MP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	2CT4	SS-FMA-DHL2-2CT4	1.66(42.1)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DHL2	2CT6	SS-FMA-DHL2-2CT6	1.91(48.5)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DHL2	2CT9	SS-FMA-DHL2-2CT9	2.09(53.2)	0.69 (17.5)	0.09 (2.4)	15000 (1034)
DHL2	2CT12	SS-FMA-DHL2-2CT12	2.28(58.0)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
DHL4	2CT4	SS-FMA-DHL4-2CT4	1.98(50.2)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
DHL4	2CT6	SS-FMA-DHL4-2CT6	2.17(55.0)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DHL4	2CT9	SS-FMA-DHL4-2CT9	2.35(59.8)	0.69 (17.5)	0.19 (4.8)	15000 (1034)
DHL4	2CT12	SS-FMA-DHL4-2CT12	2.54(64.5)	0.87 (22.2)	0.19 (4.8)	15000 (1034)
DHL6	2CT4	SS-FMA-DHL6-2CT4	2.13(54.2)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
DHL6	2CT6	SS-FMA-DHL6-2CT6	2.44(62.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
DHL6	2CT9	SS-FMA-DHL6-2CT9	2.51(63.7)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DHL6	2CT12	SS-FMA-DHL6-2CT12	2.63(66.9)	0.87 (22.2)	0.25 (6.4)	15000 (1034)
DHL6	2CT16	SS-FMA-DHL6-2CT16	3.13(79.6)	1.13 (28.6)	0.25 (6.4)	15000 (1034)
DHL8	2CT4	SS-FMA-DHL8-2CT4	2.24(57.0)	1.00 (25.4)	0.11 (2.8)	15000 (1034)
DHL8	2CT6	SS-FMA-DHL8-2CT6	2.49(63.3)	1.00 (25.4)	0.20 (5.2)	15000 (1034)
DHL8	2CT9	SS-FMA-DHL8-2CT9	2.74(69.7)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
DHL8	2CT12	SS-FMA-DHL8-2CT12	2.81(71.3)	1.00 (25.4)	0.37 (9.5)	15000 (1034)
DHL8	2CT16	SS-FMA-DHL8-2CT16	3.37(85.6)	1.13 (28.6)	0.37 (9.5)	15000 (1034)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

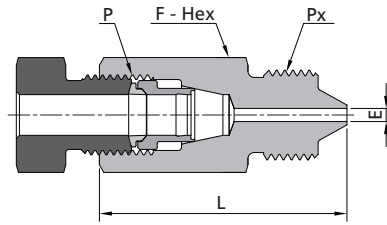
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

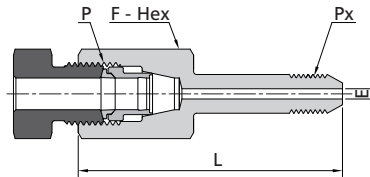
Technical Information

Female DHL Series to Male HP



Female DHL Series			Male HP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	6MP4	SS-FMA-DHL2-6MP4	1.22(31.0)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
DHL2	6MP6	SS-FMA-DHL2-6MP6	1.47(37.3)	0.81 (20.6)	0.09 (2.4)	15000 (1034)
DHL2	6MP9	SS-FMA-DHL2-6MP9	1.78(45.3)	1.19 (30.2)	0.09 (2.4)	15000 (1034)
DHL4	6MP4	SS-FMA-DHL4-6MP4	1.54(39.1)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
DHL4	6MP6	SS-FMA-DHL4-6MP6	1.73(43.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
DHL4	6MP9	SS-FMA-DHL4-6MP9	1.79(45.5)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
DHL6	6MP4	SS-FMA-DHL6-6MP4	1.70(43.1)	0.75 (19.1)	0.08 (2.1)	15000 (1034)
DHL6	6MP6	SS-FMA-DHL6-6MP6	1.89(47.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
DHL6	6MP9	SS-FMA-DHL6-6MP9	1.76(44.7)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
DHL8	6MP4	SS-FMA-DHL8-6MP4	1.87(47.5)	1.00 (25.4)	0.08 (2.1)	15000 (1034)
DHL8	6MP6	SS-FMA-DHL8-6MP6	2.06(52.2)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
DHL8	6MP9	SS-FMA-DHL8-6MP9	2.06(52.2)	1.19 (30.2)	0.19 (4.8)	15000 (1034)

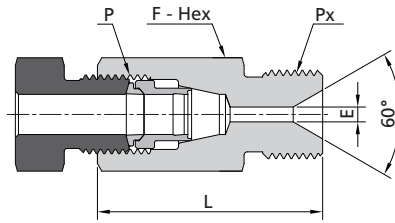
Female DHL Series to HP Nipples



Female DHL Series			HP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	6CT4	SS-FMA-DHL2-6CT4	3.16(80.2)	0.50 (12.7)	0.08 (2.1)	15000 (1034)
DHL2	6CT6	SS-FMA-DHL2-6CT6	2.85(72.3)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
DHL4	6CT4	SS-FMA-DHL4-6CT4	2.60(66.1)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
DHL4	6CT6	SS-FMA-DHL4-6CT6	2.92(74.1)	0.63 (15.9)	0.13 (3.2)	15000 (1034)
DHL4	6CT9	SS-FMA-DHL4-6CT9	3.54(90.0)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
DHL6	6CT4	SS-FMA-DHL6-6CT4	2.06(52.2)	0.75 (19.1)	0.08 (2.1)	15000 (1034)
DHL6	6CT6	SS-FMA-DHL6-6CT6	2.39(60.6)	0.75 (19.1)	0.13 (3.2)	15000 (1034)
DHL6	6CT9	SS-FMA-DHL6-6CT9	2.26(57.4)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DHL8	6CT4	SS-FMA-DHL8-6CT4	2.68(68.1)	1.00 (25.4)	0.08 (2.1)	15000 (1034)
DHL8	6CT6	SS-FMA-DHL8-6CT6	2.56(64.9)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
DHL8	6CT9	SS-FMA-DHL8-6CT9	3.37(85.6)	1.00 (25.4)	0.19 (4.8)	15000 (1034)

Medium & High Pressure Fittings and Tubing  
 Quick Couplings  
 Medium & High Pressure Valves  
 Line Filters  
 Sour Service Products  
 Subsea Valves  
 Tools and Installation Instructions  
 Technical Information

## Female DHL Series to Male Type "M"



Female DHL Series			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
DHL2	HM9	SS-FMA-DHL2-HM9	1.22(31.0)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DHL2	HM12	SS-FMA-DHL2-HM12	1.28(32.6)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DHL4	HM9	SS-FMA-DHL4-HM9	1.54(39.1)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
DHL4	HM12	SS-FMA-DHL4-HM12	1.60(40.7)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
DHL4	HM14	SS-FMA-DHL4-HM14	1.79(45.5)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DHL6	HM9	SS-FMA-DHL6-HM9	1.63(41.5)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
DHL6	HM12	SS-FMA-DHL6-HM12	1.76(44.7)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
DHL6	HM14	SS-FMA-DHL6-HM14	1.89(47.9)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DHL6	HM16	SS-FMA-DHL6-HM16	1.76(44.7)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
DHL8	HM9	SS-FMA-DHL8-HM9	1.81(45.9)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
DHL8	HM12	SS-FMA-DHL8-HM12	1.81(45.9)	1.00 (25.4)	0.29 (7.4)	15000 (1034)
DHL8	HM14	SS-FMA-DHL8-HM14	2.00(50.7)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
DHL8	HM16	SS-FMA-DHL8-HM16	1.93(49.1)	1.00 (25.4)	0.37 (9.5)	15000 (1034)
DHL8	HM21	SS-FMA-DHL8-HM21	1.93(49.1)	1.37 (34.9)	0.37 (9.5)	15000 (1034)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

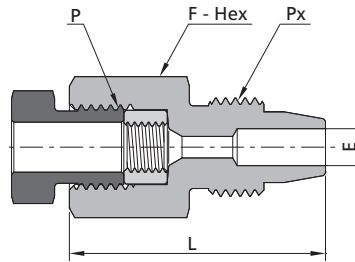
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

Female MP to Male DHL Series



Female MP			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	DMP2	SS-FMA-2FH4-DMP2	1.73(44.0)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
2FH4	DMP4	SS-FMA-2FH4-DMP4	2.01(51.0)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	DMP6	SS-FMA-2FH4-DMP6	2.12(53.9)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
2FH4	DMP8	SS-FMA-2FH4-DMP8	2.11(53.6)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
2FH6	DMP2	SS-FMA-2FH6-DMP2	2.04(51.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
2FH6	DMP4	SS-FMA-2FH6-DMP4	2.20(55.8)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
2FH6	DMP6	SS-FMA-2FH6-DMP6	2.31(58.7)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	DMP8	SS-FMA-2FH6-DMP8	2.36(60.0)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
2FH9	DMP2	SS-FMA-2FH9-DMP2	2.30(58.3)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
2FH9	DMP4	SS-FMA-2FH9-DMP4	2.57(65.3)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
2FH9	DMP6	SS-FMA-2FH9-DMP6	2.69(68.2)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
2FH9	DMP8	SS-FMA-2FH9-DMP8	2.67(67.9)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH12	DMP2	SS-FMA-2FH12-DMP2	2.61(66.2)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
2FH12	DMP4	SS-FMA-2FH12-DMP4	2.89(73.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
2FH12	DMP6	SS-FMA-2FH12-DMP6	2.94(74.6)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
2FH12	DMP8	SS-FMA-2FH12-DMP8	3.05(77.5)	1.37 (34.9)	0.37 (7.9)	15000 (1034)
2FH16	DMP2	SS-FMA-2FH16-DMP2	3.17(80.5)	1.75 (44.5)	0.09 (2.4)	15000 (1034)
2FH16	DMP4	SS-FMA-2FH16-DMP4	3.45(87.6)	1.75 (44.5)	0.19 (4.8)	15000 (1034)
2FH16	DMP6	SS-FMA-2FH16-DMP6	3.56(90.4)	1.75 (44.5)	0.25 (6.4)	15000 (1034)
2FH16	DMP8	SS-FMA-2FH16-DMP8	3.61(91.7)	1.75 (44.5)	0.37 (9.5)	15000 (1034)

Medium & High Pressure Fittings and Tubing

Quick Couplings

Medium & High Pressure Valves

Line Filters

Sour Service Products

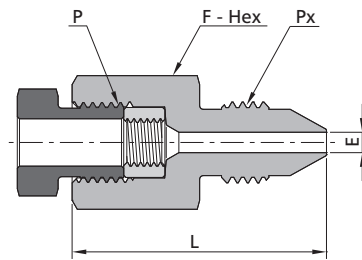
Subsea Valves

Tools and Installation Instructions

Technical Information



## Female MP to Male MP



Female MP			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	2MP4	SS-FMA-2FH4-2MP4	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2FH4	2MP6	SS-FMA-2FH4-2MP6	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2FH4	2MP9	SS-FMA-2FH4-2MP9	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2FH4	2MP12	SS-FMA-2FH4-2MP12	1.75 (44.5)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2FH4	2MP16	SS-FMA-2FH4-2MP16	2.37 (60.3)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
2FH6	2MP4	SS-FMA-2FH6-2MP4	1.69 (42.9)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2FH6	2MP6	SS-FMA-2FH6-2MP6	1.69 (42.9)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
2FH6	2MP9	SS-FMA-2FH6-2MP9	1.87 (47.6)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2FH6	2MP12	SS-FMA-2FH6-2MP12	1.94 (49.2)	1.19 (30.2)	0.20 (5.2)	20000 (1379)
2FH6	2MP16	SS-FMA-2FH6-2MP16	2.37 (60.3)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
2FH9	2MP4	SS-FMA-2FH9-2MP4	1.94 (49.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2FH9	2MP6	SS-FMA-2FH9-2MP6	2.06 (52.4)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2FH9	2MP9	SS-FMA-2FH9-2MP9	2.13 (54.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2FH9	2MP12	SS-FMA-2FH9-2MP12	2.25 (57.2)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2FH9	2MP16	SS-FMA-2FH9-2MP16	2.50 (63.5)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2FH12	2MP4	SS-FMA-2FH12-2MP4	2.19 (55.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
2FH12	2MP6	SS-FMA-2FH12-2MP6	2.31 (58.7)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
2FH12	2MP9	SS-FMA-2FH12-2MP9	2.44 (61.9)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2FH12	2MP12	SS-FMA-2FH12-2MP12	2.56 (65.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2FH12	2MP16	SS-FMA-2FH12-2MP16	2.94 (74.6)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
2FH16	2MP9	SS-FMA-2FH16-2MP9	3.06 (77.8)	1.75 (44.5)	0.31 (7.9)	20000 (1379)
2FH16	2MP12	SS-FMA-2FH16-2MP12	3.19 (81.0)	1.75 (44.5)	0.44 (11.1)	20000 (1379)
2FH16	2MP16	SS-FMA-2FH16-2MP16	3.50 (88.9)	1.75 (44.5)	0.56 (14.3)	20000 (1379)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

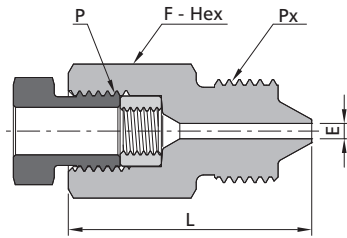
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

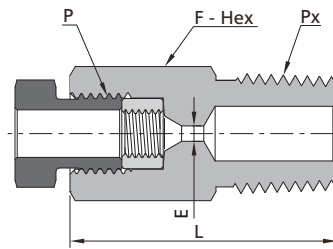
Female MP to Male HP



Female MP			Male HP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	6MP4	SS-FMA-2FH4-6MP4	1.31 (33.3)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
2FH4	6MP6	SS-FMA-2FH4-6MP6	1.50 (38.1)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
2FH4	6MP9	SS-FMA-2FH4-6MP9	1.63 (41.3)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2FH6	6MP4	SS-FMA-2FH6-6MP4	1.50 (38.1)	0.75 (19.1)	0.08 (2.1)	20000 (1379)
2FH6	6MP6	SS-FMA-2FH6-6MP6	1.69 (42.9)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
2FH6	6MP9	SS-FMA-2FH6-6MP9	1.75 (44.5)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
2FH9	6MP4	SS-FMA-2FH9-6MP4	1.81 (46.0)	1.00 (25.4)	0.08 (2.1)	20000 (1379)
2FH9	6MP6	SS-FMA-2FH9-6MP6	2.13 (54.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
2FH9	6MP9	SS-FMA-2FH9-6MP9	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
2FH12	6MP4	SS-FMA-2FH12-6MP4	2.25 (57.2)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
2FH12	6MP6	SS-FMA-2FH12-6MP6	2.50 (63.5)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
2FH12	6MP9	SS-FMA-2FH12-6MP9	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
2FH16	6MP4	SS-FMA-2FH16-6MP4	2.94 (74.6)	1.75 (44.5)	0.08 (2.1)	20000 (1379)
2FH16	6MP6	SS-FMA-2FH16-6MP6	3.13 (79.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
2FH16	6MP9	SS-FMA-2FH16-6MP9	3.19 (81.0)	1.75 (44.5)	0.19 (4.8)	20000 (1379)

Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

## Female MP to Male NPT



Female MP			Male NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	NS2	SS-FMA-2FH4-NS2	1.19 (30.2)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	NS4	SS-FMA-2FH4-NS4	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	NS6	SS-FMA-2FH4-NS6	1.37 (34.9)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
2FH4	NS8	SS-FMA-2FH4-NS8	1.37 (34.9)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
2FH4	NS12	SS-FMA-2FH4-NS12	1.75 (44.5)	1.06 (27.0)	0.11 (2.8)	10000 (690)
2FH6	NS2	SS-FMA-2FH6-NS2	1.37 (34.9)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
2FH6	NS4	SS-FMA-2FH6-NS4	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	NS6	SS-FMA-2FH6-NS6	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	NS8	SS-FMA-2FH6-NS8	1.63 (41.3)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
2FH6	NS12	SS-FMA-2FH6-NS12	1.75 (44.5)	1.06 (27.0)	0.20 (5.2)	10000 (690)
2FH6	NS16	SS-FMA-2FH6-NS16	2.00 (50.8)	1.37 (34.9)	0.20 (5.2)	10000 (690)
2FH9	NS2	SS-FMA-2FH9-NS2	1.75 (44.5)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
2FH9	NS4	SS-FMA-2FH9-NS4	1.75 (44.5)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
2FH9	NS6	SS-FMA-2FH9-NS6	1.75 (44.5)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	NS8	SS-FMA-2FH9-NS8	1.94 (49.2)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	NS12	SS-FMA-2FH9-NS12	2.00 (50.8)	1.06 (27.0)	0.31 (7.9)	10000 (690)
2FH9	NS16	SS-FMA-2FH9-NS16	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	10000 (690)
2FH12	NS4	SS-FMA-2FH12-NS4	2.00 (50.8)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
2FH12	NS6	SS-FMA-2FH12-NS6	2.00 (50.8)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2FH12	NS8	SS-FMA-2FH12-NS8	2.19 (55.6)	1.37 (34.9)	0.38 (9.6)	15000 (1034)
2FH12	NS12	SS-FMA-2FH12-NS12	2.25 (57.2)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2FH12	NS16	SS-FMA-2FH12-NS16	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2FH16	NS4	SS-FMA-2FH16-NS4	2.87 (73.0)	1.75 (44.5)	0.25 (6.4)	15000 (1034)
2FH16	NS6	SS-FMA-2FH16-NS6	2.87 (73.0)	1.75 (44.5)	0.31 (7.9)	15000 (1034)
2FH16	NS8	SS-FMA-2FH16-NS8	2.87 (73.0)	1.75 (44.5)	0.38 (9.6)	15000 (1034)
2FH16	NS12	SS-FMA-2FH16-NS12	2.87 (73.0)	1.75 (44.5)	0.56 (14.3)	10000 (690)
2FH16	NS16	SS-FMA-2FH16-NS16	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

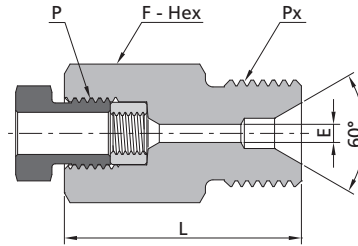
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

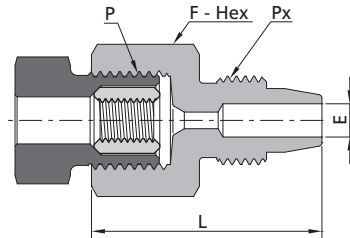
Female MP to Male Type "M"



Female MP			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
2FH4	HM9	SS-FMA-2FH4-HM9	1.19 (30.2)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2FH4	HM12	SS-FMA-2FH4-HM12	1.31 (33.3)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2FH4	HM14	SS-FMA-2FH4-HM14	1.50 (38.1)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2FH6	HM9	SS-FMA-2FH6-HM9	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
2FH6	HM12	SS-FMA-2FH6-HM12	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
2FH6	HM14	SS-FMA-2FH6-HM14	1.63 (41.3)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2FH6	HM16	SS-FMA-2FH6-HM16	1.63 (41.3)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2FH9	HM9	SS-FMA-2FH9-HM9	1.69 (42.9)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
2FH9	HM12	SS-FMA-2FH9-HM12	1.81 (46.0)	1.00 (25.4)	0.29 (7.4)	20000 (1379)
2FH9	HM14	SS-FMA-2FH9-HM14	1.94 (49.2)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2FH9	HM16	SS-FMA-2FH9-HM16	1.81 (46.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2FH9	HM21	SS-FMA-2FH9-HM21	1.81 (46.0)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2FH12	HM14	SS-FMA-2FH12-HM14	2.19 (55.6)	1.37 (34.9)	0.15 (3.8)	20000 (1379)
2FH12	HM16	SS-FMA-2FH12-HM16	2.13 (54.0)	1.37 (34.9)	0.39 (10.0)	20000 (1379)
2FH12	HM21	SS-FMA-2FH12-HM21	2.00 (50.8)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2FH16	HM21	SS-FMA-2FH16-HM21	2.56 (65.1)	1.75 (44.5)	0.56 (14.3)	20000 (1379)

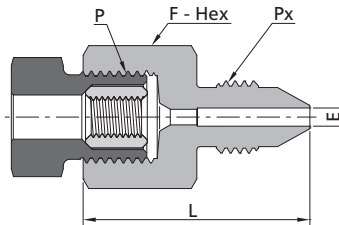
Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

## Female HP to Male DHL Series



Female HP			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	DMP2	SS-FMA-6FH4-DMP2	1.73 (44.0)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DMP4	SS-FMA-6FH4-DMP4	2.01 (51.0)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DMP6	SS-FMA-6FH4-DMP6	2.12 (53.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	DMP8	SS-FMA-6FH4-DMP8	2.17 (55.2)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
6FH6	DMP2	SS-FMA-6FH6-DMP2	1.98 (50.3)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
6FH6	DMP4	SS-FMA-6FH6-DMP4	2.26 (57.4)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	DMP6	SS-FMA-6FH6-DMP6	2.37 (60.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	DMP8	SS-FMA-6FH6-DMP8	2.49 (63.2)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH9	DMP2	SS-FMA-6FH9-DMP2	2.30 (58.3)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
6FH9	DMP4	SS-FMA-6FH9-DMP4	2.45 (62.2)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	DMP6	SS-FMA-6FH9-DMP6	2.56 (65.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	DMP8	SS-FMA-6FH9-DMP8	2.67 (67.9)	1.37 (34.9)	0.19 (4.8)	15000 (1034)

## Female HP to Male MP



Female HP			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	2MP4	SS-FMA-6FH4-2MP4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2MP6	SS-FMA-6FH4-2MP6	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2MP9	SS-FMA-6FH4-2MP9	1.69 (42.9)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
6FH4	2MP12	SS-FMA-6FH4-2MP12	1.75 (44.5)	1.19 (30.2)	0.09 (2.4)	20000 (1379)
6FH4	2MP16	SS-FMA-6FH4-2MP16	2.37 (60.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
6FH6	2MP4	SS-FMA-6FH6-2MP4	1.67 (42.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
6FH6	2MP6	SS-FMA-6FH6-2MP6	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2MP9	SS-FMA-6FH6-2MP9	1.94 (49.2)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2MP12	SS-FMA-6FH6-2MP12	2.13 (54.0)	1.19 (30.2)	0.13 (3.2)	20000 (1379)
6FH6	2MP16	SS-FMA-6FH6-2MP16	2.50 (63.5)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
6FH9	2MP4	SS-FMA-6FH9-2MP4	1.87 (47.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
6FH9	2MP6	SS-FMA-6FH9-2MP6	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP9	SS-FMA-6FH9-2MP9	2.19 (55.6)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP12	SS-FMA-6FH9-2MP12	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP16	SS-FMA-6FH9-2MP16	2.81 (71.4)	1.50 (38.1)	0.19 (4.8)	20000 (1379)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

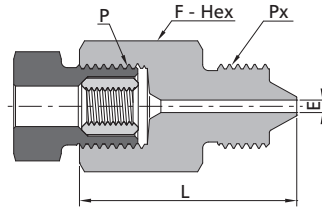
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

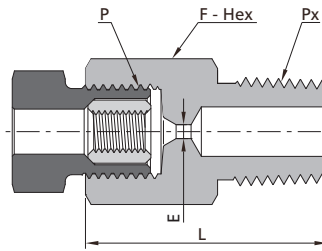
Technical Information

Female HP to Male HP



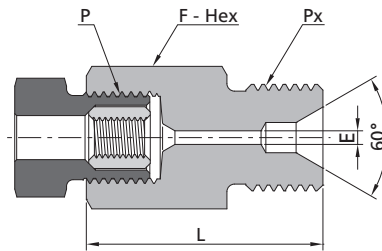
Female HP			Male HP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	6MP4	SS-FMA-6FH4-6MP4	1.44 (36.5)	0.75 (19.1)	0.08 (2.1)	60000 (4137)
6FH4	6MP6	SS-FMA-6FH4-6MP6	1.69 (42.9)	0.81 (20.6)	0.09 (2.4)	60000 (4137)
6FH4	6MP9	SS-FMA-6FH4-6MP9	1.75 (44.5)	1.19 (30.2)	0.09 (2.4)	60000 (4137)
6FH6	6MP4	SS-FMA-6FH6-6MP4	1.75 (44.5)	1.00 (25.4)	0.08 (2.1)	60000 (4137)
6FH6	6MP6	SS-FMA-6FH6-6MP6	2.00 (50.8)	1.00 (25.4)	0.13 (3.2)	60000 (4137)
6FH6	6MP9	SS-FMA-6FH6-6MP9	2.13 (54.0)	1.19 (30.2)	0.13 (3.2)	60000 (4137)
6FH9	6MP4	SS-FMA-6FH9-6MP4	2.06 (52.4)	1.37 (34.9)	0.08 (2.1)	60000 (4137)
6FH9	6MP6	SS-FMA-6FH9-6MP6	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	60000 (4137)
6FH9	6MP9	SS-FMA-6FH9-6MP9	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	60000 (4137)

Female HP to Male NPT



Female HP			Male NPT			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	NS2	SS-FMA-6FH4-NS2	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	NS4	SS-FMA-6FH4-NS4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	NS6	SS-FMA-6FH4-NS6	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	NS8	SS-FMA-6FH4-NS8	1.50 (38.1)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
6FH4	NS12	SS-FMA-6FH4-NS12	1.75 (44.5)	1.06 (27.0)	0.09 (2.4)	10000 (690)
6FH6	NS2	SS-FMA-6FH6-NS2	1.50 (38.1)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS4	SS-FMA-6FH6-NS4	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS6	SS-FMA-6FH6-NS6	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS8	SS-FMA-6FH6-NS8	1.75 (44.5)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	NS12	SS-FMA-6FH6-NS12	2.00 (50.8)	1.06 (27.0)	0.13 (3.2)	10000 (690)
6FH6	NS16	SS-FMA-6FH6-NS16	2.00 (50.8)	1.37 (34.9)	0.13 (3.2)	10000 (690)
6FH9	NS2	SS-FMA-6FH9-NS2	1.63 (41.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS4	SS-FMA-6FH9-NS4	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS6	SS-FMA-6FH9-NS6	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS8	SS-FMA-6FH9-NS8	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	NS12	SS-FMA-6FH9-NS12	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	10000 (690)
6FH9	NS16	SS-FMA-6FH9-NS16	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	10000 (690)

## Female HP to Male Type "M"



Female HP			Male Type "M"			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
6FH4	HM9	SS-FMA-6FH4-HM9	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	60000 (4137)
6FH4	HM12	SS-FMA-6FH4-HM12	1.38 (35.0)	0.75 (19.1)	0.09 (2.4)	30000 (2068)
6FH4	HM14	SS-FMA-6FH4-HM14	1.56 (39.7)	1.00 (25.4)	0.09 (2.4)	50000 (3447)
6FH4	HM16	SS-FMA-6FH4-HM16	1.37 (34.9)	1.00 (25.4)	0.09 (2.4)	30000 (2068)
6FH6	HM9	SS-FMA-6FH6-HM9	1.50 (38.1)	1.00 (25.4)	0.09 (2.4)	60000 (4137)
6FH6	HM12	SS-FMA-6FH6-HM12	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6FH6	HM14	SS-FMA-6FH6-HM14	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
6FH6	HM16	SS-FMA-6FH6-HM16	1.64 (41.6)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6FH6	HM21	SS-FMA-6FH6-HM21	1.56 (39.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6FH9	HM14	SS-FMA-6FH9-HM14	2.00 (50.8)	1.37 (34.9)	0.15 (3.8)	50000 (3447)
6FH9	HM16	SS-FMA-6FH9-HM16	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	30000 (2068)
6FH9	HM21	SS-FMA-6FH9-HM21	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	20000 (1379)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

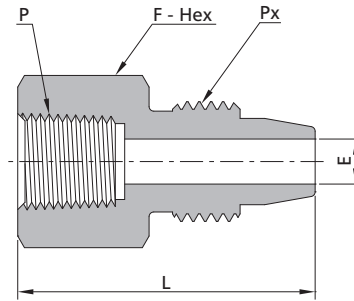
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

Female NPT to Male DHL Series

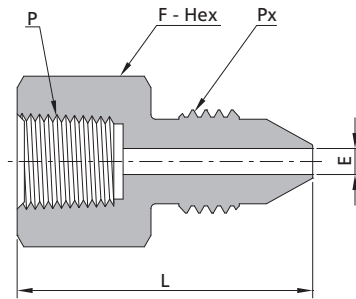


Female NPT			Male DHL Series			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
NS2	DMP2	SS-FMA-NS2-DMP2	1.67(42.4)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
NS2	DMP4	SS-FMA-NS2-DMP4	1.94(49.4)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
NS2	DMP6	SS-FMA-NS2-DMP6	2.06(52.3)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
NS2	DMP8	SS-FMA-NS2-DMP8	2.11(53.6)	0.94 (23.8)	0.37 (9.5)	15000 (1034)
NS4	DMP2	SS-FMA-NS4-DMP2	1.85(47.1)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
NS4	DMP4	SS-FMA-NS4-DMP4	2.20(55.8)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
NS4	DMP6	SS-FMA-NS4-DMP6	2.31(58.7)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
NS4	DMP8	SS-FMA-NS4-DMP8	2.36(60.0)	0.94 (23.8)	0.37 (9.5)	15000 (1034)
NS6	DMP2	SS-FMA-NS6-DMP2	1.98(50.3)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
NS6	DMP4	SS-FMA-NS6-DMP4	2.26(57.4)	1.13 (28.6)	0.19 (4.8)	15000 (1034)
NS6	DMP6	SS-FMA-NS6-DMP6	2.37(60.3)	1.13 (28.6)	0.25 (6.4)	15000 (1034)
NS6	DMP8	SS-FMA-NS6-DMP8	2.49(63.2)	1.13 (28.6)	0.37 (9.5)	15000 (1034)
NS8	DMP2	SS-FMA-NS8-DMP2	2.17(55.1)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
NS8	DMP4	SS-FMA-NS8-DMP4	2.45(62.2)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
NS8	DMP6	SS-FMA-NS8-DMP6	2.62(66.6)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
NS8	DMP8	SS-FMA-NS8-DMP8	2.67(67.9)	1.37 (34.9)	0.37 (9.5)	15000 (1034)
NS12	DMP2	SS-FMA-NS12-DMP2	2.23(56.7)	1.50 (38.1)	0.09 (2.4)	10000 (690)
NS12	DMP4	SS-FMA-NS12-DMP4	2.57(65.3)	1.50 (38.1)	0.19 (4.8)	10000 (690)
NS12	DMP6	SS-FMA-NS12-DMP6	2.69(68.2)	1.50 (38.1)	0.25 (6.4)	10000 (690)
NS12	DMP8	SS-FMA-NS12-DMP8	2.74(69.5)	1.50 (38.1)	0.37 (9.5)	10000 (690)
NS16	DMP2	SS-FMA-NS16-DMP2	2.54(64.6)	1.75 (44.5)	0.09 (2.4)	10000 (690)
NS16	DMP4	SS-FMA-NS16-DMP4	2.82(71.7)	1.75 (44.5)	0.19 (4.8)	10000 (690)
NS16	DMP6	SS-FMA-NS16-DMP6	2.94(74.6)	1.75 (44.5)	0.25 (6.4)	10000 (690)
NS16	DMP8	SS-FMA-NS16-DMP8	2.99(75.9)	1.75 (44.5)	0.37 (9.5)	10000 (690)

Medium & High Pressure Fittings and Tubing  
 Quick Couplings  
 Medium & High Pressure Valves  
 Line Filters  
 Sour Service Products  
 Subsea Valves  
 Tools and Installation Instructions  
 Technical Information



## Female NPT to Male MP



Female NPT			Male MP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
NS2	2MP4	SS-FMA-NS2-2MP4	1.25 (31.8)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
NS2	2MP6	SS-FMA-NS2-2MP6	1.37 (34.9)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
NS2	2MP9	SS-FMA-NS2-2MP9	1.50 (38.1)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
NS2	2MP12	SS-FMA-NS2-2MP12	1.75 (44.5)	1.19 (30.2)	0.31 (7.9)	15000 (1034)
NS2	2MP16	SS-FMA-NS2-2MP16	2.37 (60.3)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
NS4	2MP4	SS-FMA-NS4-2MP4	1.44 (36.5)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
NS4	2MP6	SS-FMA-NS4-2MP6	1.63 (41.3)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
NS4	2MP9	SS-FMA-NS4-2MP9	1.75 (44.5)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
NS4	2MP12	SS-FMA-NS4-2MP12	1.87 (47.6)	1.19 (30.2)	0.41 (10.4)	15000 (1034)
NS4	2MP16	SS-FMA-NS4-2MP16	2.37 (60.3)	1.50 (38.1)	0.41 (10.4)	15000 (1034)
NS6	2MP4	SS-FMA-NS6-2MP4	1.50 (38.1)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
NS6	2MP6	SS-FMA-NS6-2MP6	1.69 (42.9)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
NS6	2MP9	SS-FMA-NS6-2MP9	1.81 (46.0)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
NS6	2MP12	SS-FMA-NS6-2MP12	2.00 (50.8)	1.19 (30.2)	0.44 (11.1)	15000 (1034)
NS6	2MP16	SS-FMA-NS6-2MP16	2.37 (60.3)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
NS8	2MP4	SS-FMA-NS8-2MP4	1.75 (44.5)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
NS8	2MP6	SS-FMA-NS8-2MP6	1.87 (47.6)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
NS8	2MP9	SS-FMA-NS8-2MP9	2.06 (52.4)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
NS8	2MP12	SS-FMA-NS8-2MP12	2.19 (55.6)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
NS8	2MP16	SS-FMA-NS8-2MP16	2.56 (65.1)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
NS12	2MP4	SS-FMA-NS12-2MP4	1.81 (46.0)	1.50 (38.1)	0.11 (2.8)	10000 (690)
NS12	2MP6	SS-FMA-NS12-2MP6	1.94 (49.2)	1.50 (38.1)	0.20 (5.2)	10000 (690)
NS12	2MP9	SS-FMA-NS12-2MP9	2.13 (54.0)	1.50 (38.1)	0.31 (7.9)	10000 (690)
NS12	2MP12	SS-FMA-NS12-2MP12	2.31 (58.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
NS12	2MP16	SS-FMA-NS12-2MP16	2.75 (69.9)	1.50 (38.1)	0.56 (14.3)	10000 (690)
NS16	2MP4	SS-FMA-NS16-2MP4	2.06 (52.4)	1.75 (44.5)	0.11 (2.8)	10000 (690)
NS16	2MP6	SS-FMA-NS16-2MP6	2.19 (55.6)	1.75 (44.5)	0.20 (5.2)	10000 (690)
NS16	2MP9	SS-FMA-NS16-2MP9	2.44 (61.9)	1.75 (44.5)	0.31 (7.9)	10000 (690)
NS16	2MP12	SS-FMA-NS16-2MP12	2.56 (63.5)	1.75 (44.5)	0.44 (11.1)	10000 (690)
NS16	2MP16	SS-FMA-NS16-2MP16	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)

Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

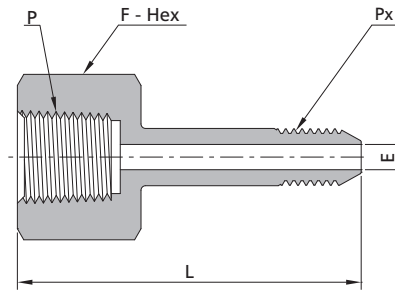
Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

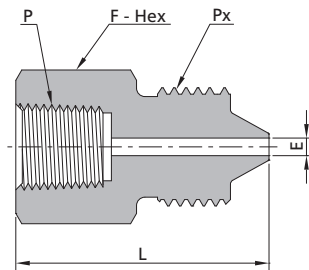
Female NPT to MP Nipples



Female NPT			MP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
NS2	2CT4	SS-FMA-NS2-2CT4	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
NS2	2CT6	SS-FMA-NS2-2CT6	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
NS2	2CT9	SS-FMA-NS2-2CT9	1.94 (49.2)	0.63 (15.9)	0.31 (7.9)	15000 (1034)
NS2	2CT12	SS-FMA-NS2-2CT12	2.13 (54.0)	0.87 (22.2)	0.31 (7.9)	15000 (1034)
NS2	2CT16	SS-FMA-NS2-2CT16	2.81 (71.4)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
NS4	2CT4	SS-FMA-NS4-2CT4	1.75 (44.5)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
NS4	2CT6	SS-FMA-NS4-2CT6	2.00 (50.8)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
NS4	2CT9	SS-FMA-NS4-2CT9	2.19 (55.6)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
NS4	2CT12	SS-FMA-NS4-2CT12	2.44 (61.9)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
NS4	2CT16	SS-FMA-NS4-2CT16	2.94 (74.6)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
NS6	2CT6	SS-FMA-NS6-2CT6	2.06 (52.4)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
NS6	2CT9	SS-FMA-NS6-2CT9	2.25 (57.2)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
NS6	2CT12	SS-FMA-NS6-2CT12	2.50 (63.5)	1.13 (28.6)	0.44 (11.1)	15000 (1034)
NS6	2CT16	SS-FMA-NS6-2CT16	3.00 (76.2)	1.13 (28.6)	0.56 (14.3)	15000 (1034)
NS8	2CT9	SS-FMA-NS8-2CT9	2.50 (63.5)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
NS8	2CT12	SS-FMA-NS8-2CT12	2.75 (69.9)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
NS8	2CT16	SS-FMA-NS8-2CT16	3.25 (82.6)	1.37 (34.9)	0.56 (14.3)	15000 (1034)
NS12	2CT9	SS-FMA-NS12-2CT9	2.56 (65.1)	1.50 (38.1)	0.31 (7.9)	10000 (690)
NS12	2CT12	SS-FMA-NS12-2CT12	2.81 (71.4)	1.50 (38.1)	0.44 (11.1)	10000 (690)
NS12	2CT16	SS-FMA-NS12-2CT16	3.39 (86.0)	1.50 (38.1)	0.56 (14.3)	10000 (690)
NS16	2CT12	SS-FMA-NS16-2CT12	3.13 (79.4)	1.75 (44.5)	0.44 (11.1)	10000 (690)
NS16	2CT16	SS-FMA-NS16-2CT16	3.63 (92.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)

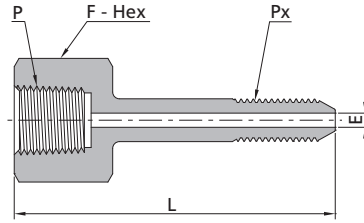
Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

## Female NPT to Male HP



Female NPT			Male HP			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
NS2	6MP4	SS-FMA-NS2-6MP4	1.19 (30.2)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
NS2	6MP6	SS-FMA-NS2-6MP6	1.37 (34.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
NS2	6MP9	SS-FMA-NS2-6MP9	1.63 (41.3)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
NS4	6MP4	SS-FMA-NS4-6MP4	1.37 (34.9)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
NS4	6MP6	SS-FMA-NS4-6MP6	1.63 (41.3)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
NS4	6MP9	SS-FMA-NS4-6MP9	1.75 (44.5)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
NS6	6MP4	SS-FMA-NS6-6MP4	1.44 (36.5)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
NS6	6MP6	SS-FMA-NS6-6MP6	1.69 (42.9)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
NS6	6MP9	SS-FMA-NS6-6MP9	1.81 (46.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
NS8	6MP4	SS-FMA-NS8-6MP4	1.69 (42.9)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
NS8	6MP6	SS-FMA-NS8-6MP6	1.94 (49.2)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
NS8	6MP9	SS-FMA-NS8-6MP9	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
NS12	6MP4	SS-FMA-NS12-6MP4	1.75 (44.5)	1.50 (38.1)	0.08 (2.1)	10000 (690)
NS12	6MP6	SS-FMA-NS12-6MP6	2.00 (50.8)	1.50 (38.1)	0.13 (3.2)	10000 (690)
NS12	6MP9	SS-FMA-NS12-6MP9	2.19 (55.6)	1.50 (38.1)	0.19 (4.8)	10000 (690)
NS16	6MP4	SS-FMA-NS16-6MP4	2.00 (50.8)	1.75 (44.5)	0.08 (2.1)	10000 (690)
NS16	6MP6	SS-FMA-NS16-6MP6	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
NS16	6MP9	SS-FMA-NS16-6MP9	2.44 (61.9)	1.75 (44.5)	0.19 (4.8)	10000 (690)

Female NPT to HP Nipples



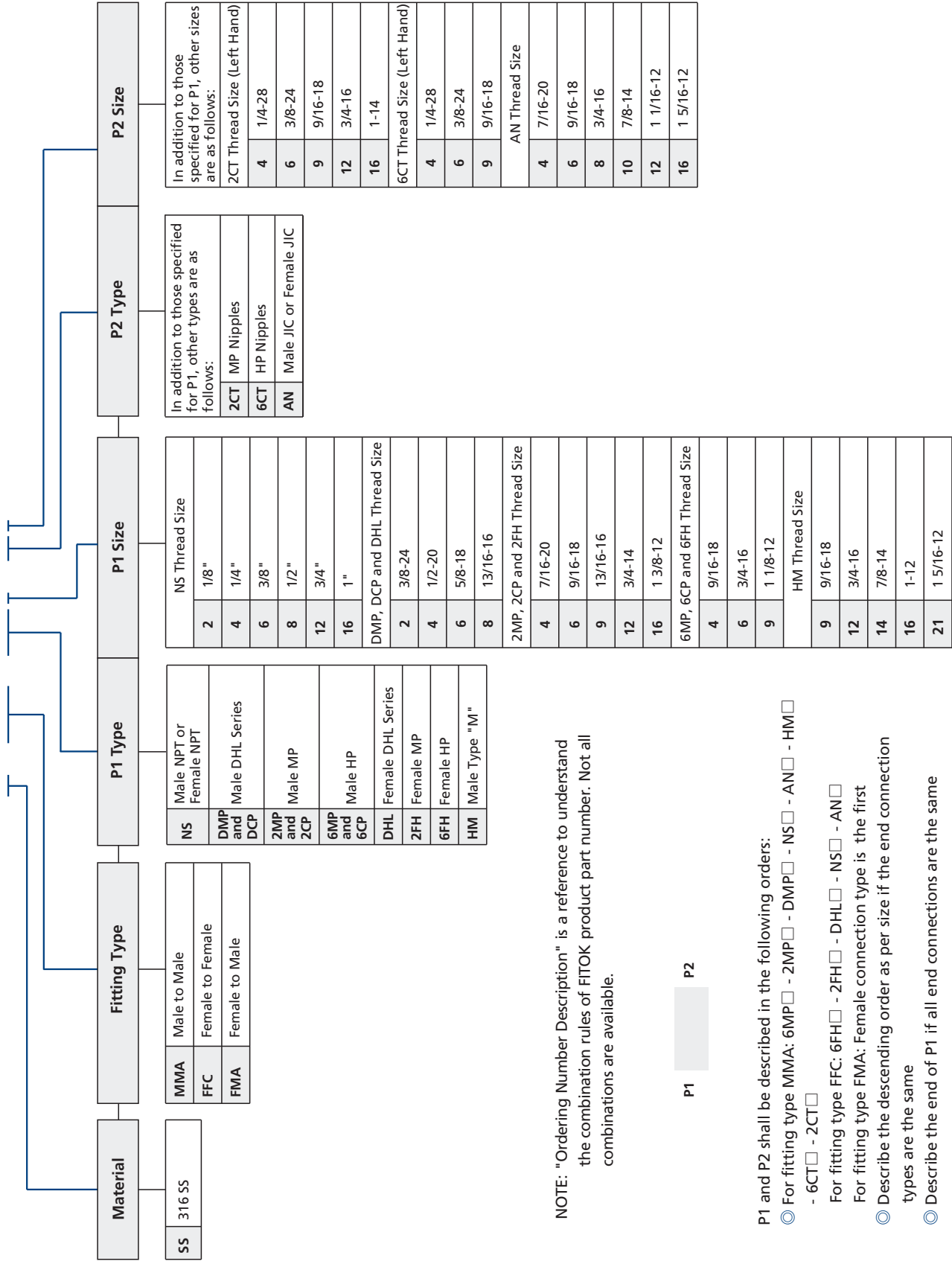
Female NPT			HP Nipples			
P-Connection	Px-Connection	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
NS2	6CT4	SS-FMA-NS2-6CT4	1.87 (47.6)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
NS2	6CT6	SS-FMA-NS2-6CT6	2.19 (55.6)	0.63 (15.9)	0.13 (3.2)	15000 (1034)
NS4	6CT4	SS-FMA-NS4-6CT4	2.13 (54.0)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
NS4	6CT6	SS-FMA-NS4-6CT6	2.50 (63.5)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
NS4	6CT9	SS-FMA-NS4-6CT9	3.06 (77.8)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
NS6	6CT4	SS-FMA-NS6-6CT4	2.13 (54.0)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
NS6	6CT6	SS-FMA-NS6-6CT6	2.50 (63.5)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
NS6	6CT9	SS-FMA-NS6-6CT9	3.13 (79.4)	1.13 (28.6)	0.19 (4.8)	15000 (1034)
NS8	6CT4	SS-FMA-NS8-6CT4	2.37 (60.3)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
NS8	6CT6	SS-FMA-NS8-6CT6	2.75 (69.9)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
NS8	6CT9	SS-FMA-NS8-6CT9	3.31 (84.2)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
NS12	6CT4	SS-FMA-NS12-6CT4	2.44 (61.9)	1.50 (38.1)	0.08 (2.1)	10000 (690)
NS12	6CT6	SS-FMA-NS12-6CT6	2.81 (71.4)	1.50 (38.1)	0.13 (3.2)	10000 (690)
NS12	6CT9	SS-FMA-NS12-6CT9	3.38 (85.8)	1.50 (38.1)	0.19 (4.8)	10000 (690)
NS16	6CT4	SS-FMA-NS16-6CT4	2.69 (68.3)	1.75 (44.5)	0.08 (2.1)	10000 (690)
NS16	6CT6	SS-FMA-NS16-6CT6	3.10 (78.8)	1.75 (44.5)	0.13 (3.2)	10000 (690)
NS16	6CT9	SS-FMA-NS16-6CT9	3.69 (93.8)	1.75 (44.5)	0.19 (4.8)	10000 (690)

NOTE: Dimensions are for reference only and are subject to change.

Medium & High Pressure Fittings and Tubing  
 Quick Couplings  
 Medium & High Pressure Valves  
 Line Filters  
 Sour Service Products  
 Subsea Valves  
 Tools and Installation Instructions  
 Technical Information

# Ordering Number Description

## SS – MMA – 2MP6 – NS4



NOTE: "Ordering Number Description" is a reference to understand the combination rules of FITOK product part number. Not all combinations are available.

P1 P2

P1 and P2 shall be described in the following orders:

- ⦿ For fitting type MMA: 6MP  - 2MP  - DMP  - NS  - AN  - HM  - 6CT  - 2CT
- For fitting type FFC: 6FH  - 2FH  - DHL  - NS  - AN
- For fitting type FMA: Female connection type is the first
- ⦿ Describe the descending order as per size if the end connection types are the same
- ⦿ Describe the end of P1 if all end connections are the same

Technical Information	Tools and Installation Instructions	Subsea Valves	Sour Service Products	Line Filters	Medium & High Pressure Valves	Quick Couplings	Medium & High Pressure Fittings and Tubing
-----------------------	-------------------------------------	---------------	-----------------------	--------------	-------------------------------	-----------------	--

# Quick Couplings

Quick Couplings



B-02

---

# Quick Couplings

HQP Series, 10,000 psig (690 bar)

HQB Series, 10,000 psig (690 bar)

HQS Series, 20,000 psig (1379 bar)

HQC Series, 30,000 psig (2068 bar)



Medium & High Pressure  
Fittings and Tubing

Quick Couplings

Medium & High Pressure  
Valves

Line Filters

Sour Service Products

Subsea Valves

Tools and Installation  
Instructions

Technical Information

# Contents

HQP Series	B-04
------------	------

---

HQB Series	B-06
------------	------

---

HQS Series	B-08
------------	------

---

HQC Series	B-10
------------	------

---

Ordering Number Description	B-16
-----------------------------	------

---

Medium & High Pressure Fittings and Tubing
Quick Couplings
Medium & High Pressure Valves
Line Filters
Sour Service Products
Subsea Valves
Tools and Installation Instructions
Technical Information

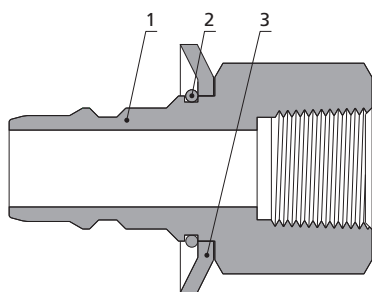


# HQP Series

## Features

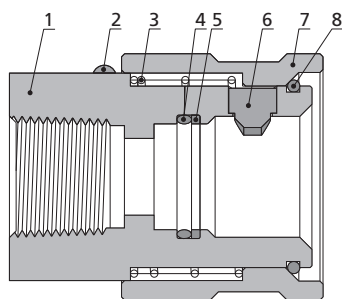
- ⦿ Working Pressure: 10,000 psig (690 bar)
- ⦿ Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C), other O-ring materials available
- ⦿ Push-and-pull type quick coupling without check valve
- ⦿ Stem and body material: high tensile 316 Stainless Steel
- ⦿ Flow coefficient (Cv) up to 8.2
- ⦿ Sturdy locking mechanism with large contact area to ensure reliable stem retainment
- ⦿ Easy and quick connection to hoses and fixed ports

## Standard Materials of Construction



Nipple

Item	Component	Material Grade/ASTM Specification
1	<i>Stem</i>	<i>316 SS/A479</i>
2	Wire Ring	Stainless Steel
3	Pull Piece	316 SS/A479

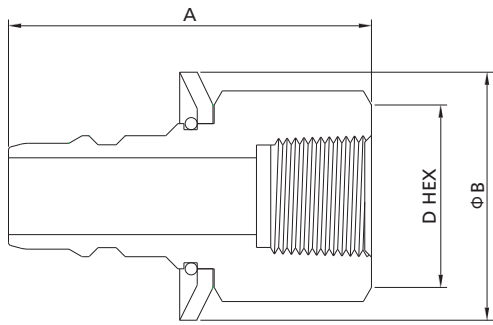


Coupler

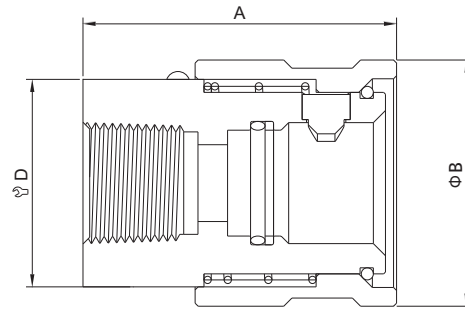
Item	Component	Material Grade/ASTM Specification
1	<i>Body</i>	<i>316 SS/A479</i>
2	Pin	Stainless Steel
3	Spring	300 Series SS
4	<i>O-ring</i>	<i>Fluorocarbon FKM</i>
5	Retaining Ring	PTFE
6	Locking Block	Stainless Steel
7	Slip Sleeve	316 SS/A479
8	Wire Ring	Stainless Steel

*Wetted component listed in italics.*

## Ordering Information and Dimensions



Nipple



Coupler

Type	Ordering Number	Connection	Dimensions, in. (mm)			Working Pressure psig (bar)
			A	B	D	
Nipple	HQPSS-FNS6-NP	FNS6	2.17 (55.0)	1.59 (40.4)	1.19 (30.2)	10,000 (690)
	HQPSS-FNS8-NP	FNS8	2.36 (60.0)	1.59 (40.4)	1.19 (30.2)	
Coupler	HQPSS-FNS6-CP	FNS6	2.05 (52.0)	1.59 (40.4)	1.19 (30.2)	
	HQPSS-FNS8-CP	FNS8	2.05 (52.0)	1.59 (40.4)	1.19 (30.2)	

NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

Medium & High Pressure Fittings and Tubing

Quick Couplings

Medium & High Pressure Valves

Line Filters

Sour Service Products

Subsea Valves

Tools and Installation Instructions

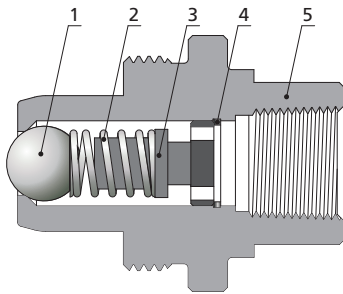
Technical Information

# HQB Series

## Features

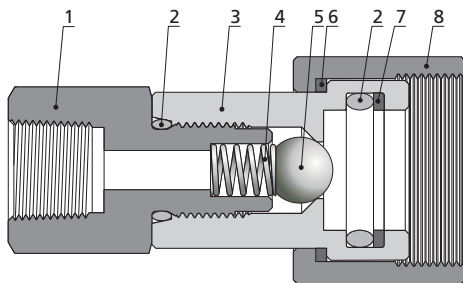
- ⦿ Working Pressure: 10,000 psig (690 bar)
- ⦿ Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C), other O-ring materials available
- ⦿ Screw type quick coupling with check valve
- ⦿ 17-4PH Stainless Steel stem and high tensile 316 Stainless Steel body
- ⦿ Flow coefficient (Cv) up to 0.53
- ⦿ Withstand full working pressure when disconnected
- ⦿ Check valve with metal ball sealing, without guarantee of full gas impermeability
- ⦿ Easy and quick connection to hoses and fixed ports

## Standard Materials of Construction



Nipple

Item	Component	Material Grade/ASTM Specification
1	Ball	Stainless Steel
2	Spring	300 Series SS
3	Seat	316 SS/A479
4	Retaining Ring	Stainless Steel
5	Stem	17-4PH SS/A564

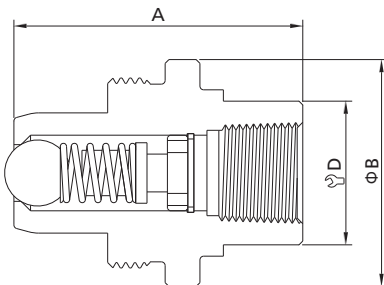


Coupler

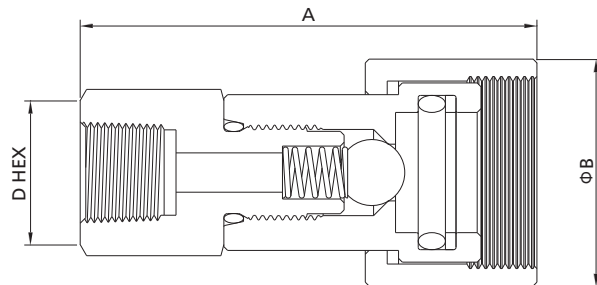
Item	Component	Material Grade/ASTM Specification
1	Body	316 SS/A479
2	O-ring	Fluorocarbon FKM
3	Housing	17-4PH SS/A564
4	Spring	300 Series SS
5	Ball	Stainless Steel
6	Ring	C63000/B150
7	Retaining Ring	PTFE
8	Nut	17-4PH SS/A564
<i>Sealant adhesive</i>		<i>Anaerobic adhesive</i>

Wetted component listed in italics.

## Ordering Information and Dimensions



Nipple



Coupler

## B-07 Quick Couplings

Type	Ordering Number	Connection	Dimensions, in. (mm)			Working Pressure psig (bar)
			A	B	D	
Nipple	HQB4P-FNS4-NP	FNS4	1.54 (39.2)	1.18 (30.0)	0.75 (19.0)	10,000 (690)
	HQB4P-FNS6-NP	FNS6	1.54 (39.2)	1.18 (30.0)	0.94 (23.8)	
Coupler	HQB4P-FNS4-CP	FNS4	2.46 (62.4)	1.18 (30.0)	0.87 (22.2)	
	HQB4P-FNS6-CP	FNS6	2.46 (62.4)	1.18 (30.0)	0.94 (23.8)	

NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

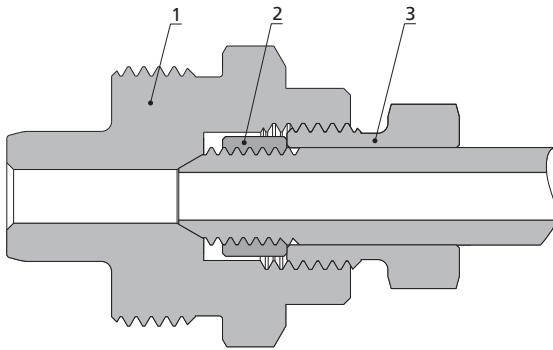
Medium & High Pressure Fittings and Tubing
Quick Couplings
Medium & High Pressure Valves
Line Filters
Sour Service Products
Subsea Valves
Tools and Installation Instructions
Technical Information

# HQS Series

## Features

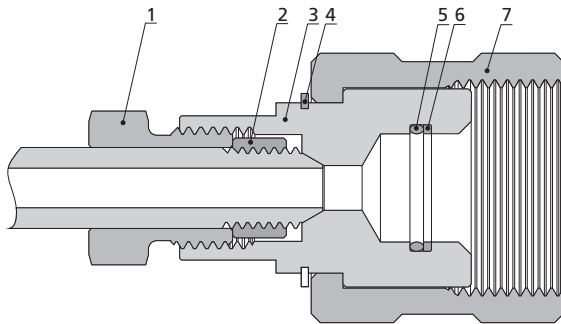
- ⦿ Working pressure up to 20,000 psig (1379 bar)
- ⦿ Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C), other O-ring materials available
- ⦿ Screw type quick coupling without check valve
- ⦿ High tensile 316 Stainless Steel stem and 17-4PH Stainless Steel body
- ⦿ Flow coefficient (Cv) up to 3.6
- ⦿ Easy and quick connection to hoses and fixed ports

## Standard Materials of Construction



Nipple

Item	Component	Material Grade/ASTM Specification
1	Stem	316 SS/A479
2	Collar	316 SS/A479 (For tubing connections)
3	Gland	316 SS/A479 (For tubing connections)



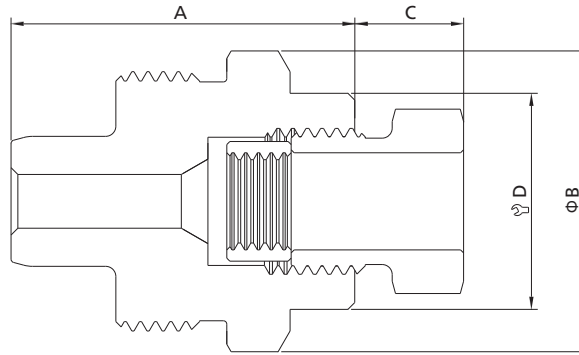
Coupler

Item	Component	Material Grade/ASTM Specification
1	Collar	316 SS/A479 (For tubing connections)
2	Gland	316 SS/A479 (For tubing connections)
3	Body	17-4PH SS/A564
4	Circlip	Stainless Steel
5	O-ring	Fluorocarbon FKM
6	Retaining Ring	PTFE
7	Nut	316 SS/A479

Wetted component listed in italics

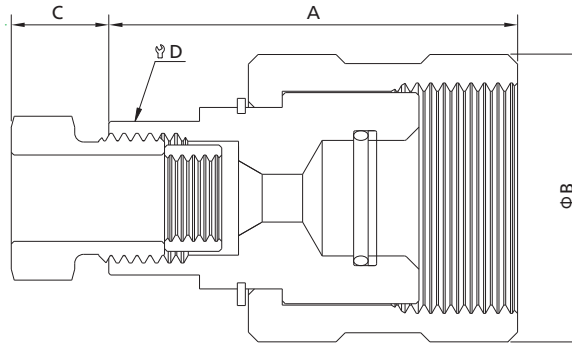
## Ordering Information and Dimensions

Nipple



Type	Ordering Number	Connection	Dimensions, in. (mm)				Working Pressure psig (bar)
			A	B	C	D	
Nipple	HQSSS-2FH9-NP	2FH9	2.40 (61.0)	1.74 (44.2)	0.55 (14.0)	1.25 (31.8)	20,000 (1379)
	HQSSS-FNS8-NP	FNS8	2.40 (61.0)	1.74 (44.2)	/	1.25 (31.8)	15,000 (1034)
	HQSSS-HBP8-NP	HBP8	2.76 (70.0)	1.74 (44.2)	/	1.00 (25.4)	20,000 (1379)

Coupler



Type	Ordering Number	Connection	Dimensions, in. (mm)				Working Pressure psig (bar)
			A	B	C	D	
Coupler	HQSSS-2FH9-CP	2FH9	2.61 (66.3)	1.91 (48.4)	0.55 (14.0)	1.00 (25.4)	20,000 (1379)
	HQSSS-FNS8-CP	FNS8	2.61 (66.3)	1.91 (48.4)	/	1.00 (25.4)	15,000 (1034)
	HQSSS-HBP8-CP	HBP8	3.16 (80.3)	1.91 (48.4)	/	1.00 (25.4)	20,000 (1379)

NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

Medium & High Pressure Fittings and Tubing  
Quick Couplings  
Medium & High Pressure Valves  
Line Filters  
Sour Service Products  
Subsea Valves  
Tools and Installation Instructions  
Technical Information

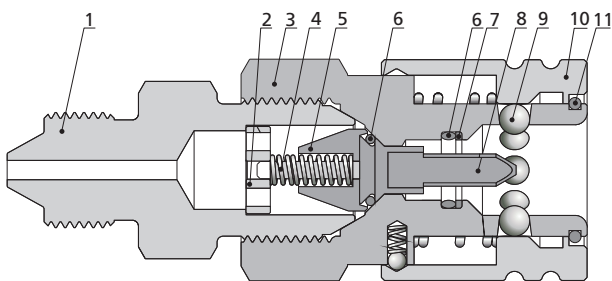
# HQC Series

## HQC Series Couplers

### Features

- Working pressure up to 30,000 psig (2068 bar)
- Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C), other O-ring materials available
- Push-and-pull type coupler with check valve
- Body material: 17-4PH Stainless Steel
- Flow coefficient (Cv) up to 0.66
- Withstand full working pressure when disconnected
- Easy and quick connection to hoses and fixed ports

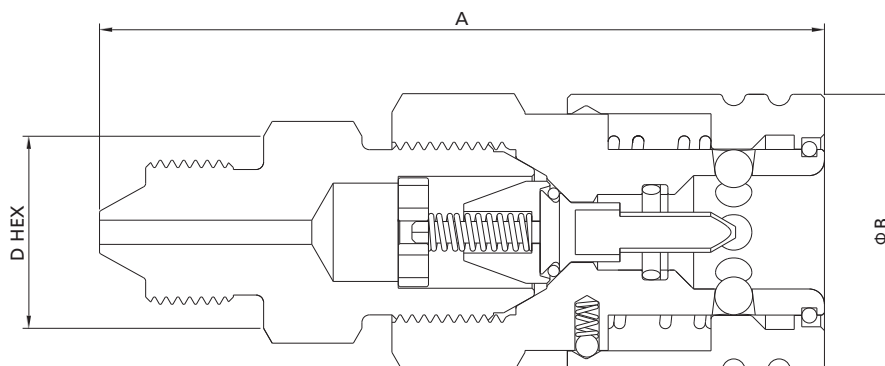
### Standard Materials of Construction



Item	Component	Material Grade/ASTM Specification
1	<i>Body</i>	<i>17-4PH SS/A564</i>
2	<i>Seat</i>	<i>316 SS/A479</i>
3	<i>Housing</i>	<i>17-4PH SS/A564</i>
4	<i>Spring</i>	<i>300 Series SS</i>
5	<i>Valve Head</i>	<i>316 SS/A479</i>
6	<i>O-ring</i>	<i>Fluorocarbon FKM</i>
7	Retaining Ring	PTFE
8	<i>Valve Stem</i>	<i>316 SS/A479</i>
9	Ball	Stainless Steel
10	Nut	316 SS/A479
11	Wire Ring	Stainless Steel

*Wetted component listed in italics.*

### Ordering Information and Dimensions



## B-11 Quick Couplings

Type	Ordering Number	Connection	Dimensions, in. (mm)			Working Pressure psig (bar)
			A	B	D	
Coupler	HQC4P-NS4-CP	NS4	3.48 (88.5)	1.39 (35.4)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS6-CP	NS6	3.48 (88.5)	1.39 (35.4)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS8-CP	NS8	3.68 (93.5)	1.39 (35.4)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS4-CP	FNS4	3.17 (80.5)	1.39 (35.4)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS6-CP	FNS6	3.27 (83.0)	1.39 (35.4)	1.13 (28.6)	15,000 (1034)
	HQC4P-FNS8-CP	FNS8	3.56 (90.5)	1.39 (35.4)	1.38 (34.9)	15,000 (1034)
	HQC4P-AN4-CP	AN4	3.48 (88.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN6-CP	AN6	3.48 (88.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN8-CP	AN8	3.58 (91.0)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP4-CP	HBP4	3.37 (85.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP6-CP	HBP6	3.41 (86.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP8-CP	HBP8	3.48 (88.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP4-CP	2MP4	3.62 (92.0)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP6-CP	2MP6	3.76 (95.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP9-CP	2MP9	3.95 (100.5)	1.39 (35.4)	1.00 (25.4)	20,000 (1379)
	HQC4P-6MP4-CP	6MP4	3.54 (90.0)	1.39 (35.4)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP6-CP	6MP6	3.80 (96.5)	1.39 (35.4)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP9-CP	6MP9	3.98 (101.0)	1.39 (35.4)	1.19 (30.2)	30,000 (2068)
	HQC4P-HM9-CP	HM9	3.43 (87.0)	1.39 (35.4)	1.00 (25.4)	30,000 (2068)
	HQC4P-HM12-CP	HM12	3.56 (90.5)	1.39 (35.4)	1.00 (25.4)	30,000 (2068)
HQC4P-HM16-CP	HM16	3.56 (90.5)	1.39 (35.4)	1.00 (25.4)	30,000 (2068)	

NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

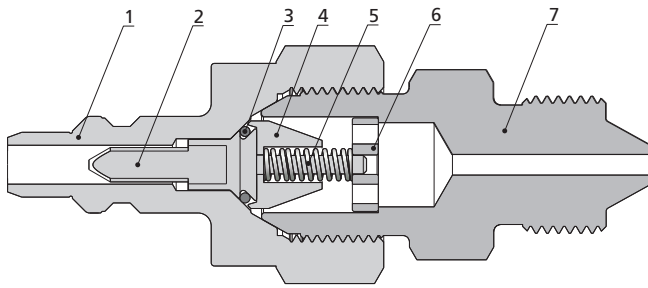


# HQC Series Nipples With Check Valve

## Features

- ⦿ Working pressure up to 30,000 psig (2068 bar)
- ⦿ Fluorocarbon FKM O-ring for operation from 0°F to 400°F (-17.8°C to 204°C), other O-ring materials available
- ⦿ Push-and-pull type nipple with check valve
- ⦿ Stem material: 17-4PH Stainless Steel
- ⦿ Flow coefficient (Cv) up to 0.66
- ⦿ Withstand full working pressure when disconnected
- ⦿ Easy and quick connection to hoses and fixed ports

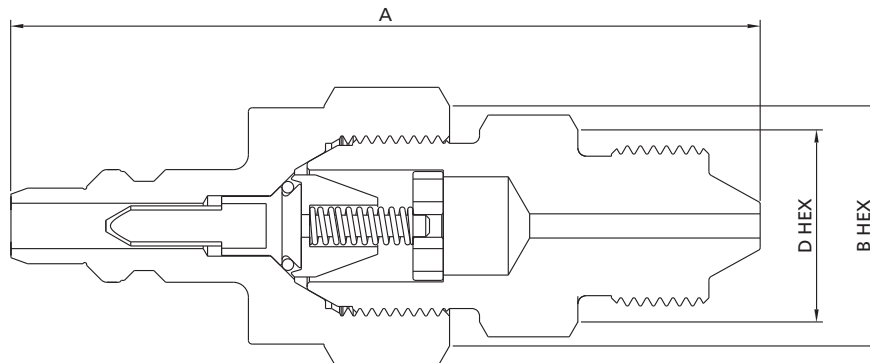
## Standard Materials of Construction



Item	Component	Material Grade/ASTM Specification
1	<i>Stem</i>	<i>17-4PH SS/A564</i>
2	<i>Valve Stem</i>	<i>316 SS/A479</i>
3	<i>O-ring</i>	<i>Fluorocarbon FKM</i>
4	<i>Valve Head</i>	<i>316 SS/A479</i>
5	<i>Spring</i>	<i>300 Series SS</i>
6	<i>Seat</i>	<i>316 SS/A479</i>
7	<i>Body</i>	<i>17-4PH/A564</i>

*Wetted component listed in italics.*

## Ordering Information and Dimensions



Medium & High Pressure Fittings and Tubing

Quick Couplings

Medium & High Pressure Valves

Line Filters

Sour Service Products

Subsea Valves

Tools and Installation Instructions

Technical Information

## B-13 Quick Couplings

Type	Ordering Number	Connection	Dimensions, in. (mm)			Working Pressure psig (bar)
			A	B	D	
Nipple	HQC4P-NS4-NP	NS4	3.52 (89.5)	1.25 (31.8)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS6-NP	NS6	3.52 (89.5)	1.25 (31.8)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS8-NP	NS8	3.70 (94.0)	1.25 (31.8)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS4-NP	FNS4	3.19 (81.0)	1.25 (31.8)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS6-NP	FNS6	3.31 (84.0)	1.25 (31.8)	1.13 (28.6)	15,000 (1034)
	HQC4P-FNS8-NP	FNS8	3.58 (91.0)	1.25 (31.8)	1.38 (34.9)	15,000 (1034)
	HQC4P-AN4-NP	AN4	3.50 (89.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN6-NP	AN6	3.50 (89.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN8-NP	AN8	3.43 (92.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP4-NP	HBP4	3.39 (86.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP6-NP	HBP6	3.43 (87.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP8-NP	HBP8	3.50 (89.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP4-NP	2MP4	3.64 (92.5)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP6-NP	2MP6	3.78 (96.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP9-NP	2MP9	3.98 (101.0)	1.25 (31.8)	1.00 (25.4)	20,000 (1379)
	HQC4P-6MP4-NP	6MP4	3.58 (91.0)	1.25 (31.8)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP6-NP	6MP6	3.84 (97.5)	1.25 (31.8)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP9-NP	6MP9	4.00 (101.5)	1.25 (31.8)	1.19 (30.2)	30,000 (2068)
	HQC4P-HM9-NP	HM9	3.46 (88.0)	1.25 (31.8)	1.00 (25.4)	30,000 (2068)
	HQC4P-HM12-NP	HM12	3.58 (91.0)	1.25 (31.8)	1.00 (25.4)	30,000 (2068)
HQC4P-HM16-NP	HM16	3.60 (91.5)	1.25 (31.8)	1.00 (25.4)	30,000 (2068)	

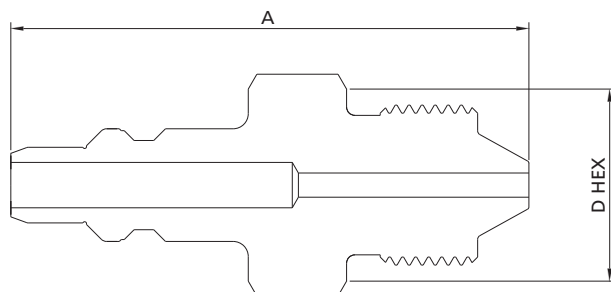
NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

# HQC Series Nipples without Check Valve

## Features

- ⦿ Working pressure up to 30,000 psig (2068 bar)
- ⦿ Push-and-pull type nipple without check valve
- ⦿ Stem material: 17-4PH Stainless Steel
- ⦿ Flow coefficient (Cv) up to 0.66
- ⦿ Easy and quick connection to hoses and fixed ports

## Ordering Information and Dimensions

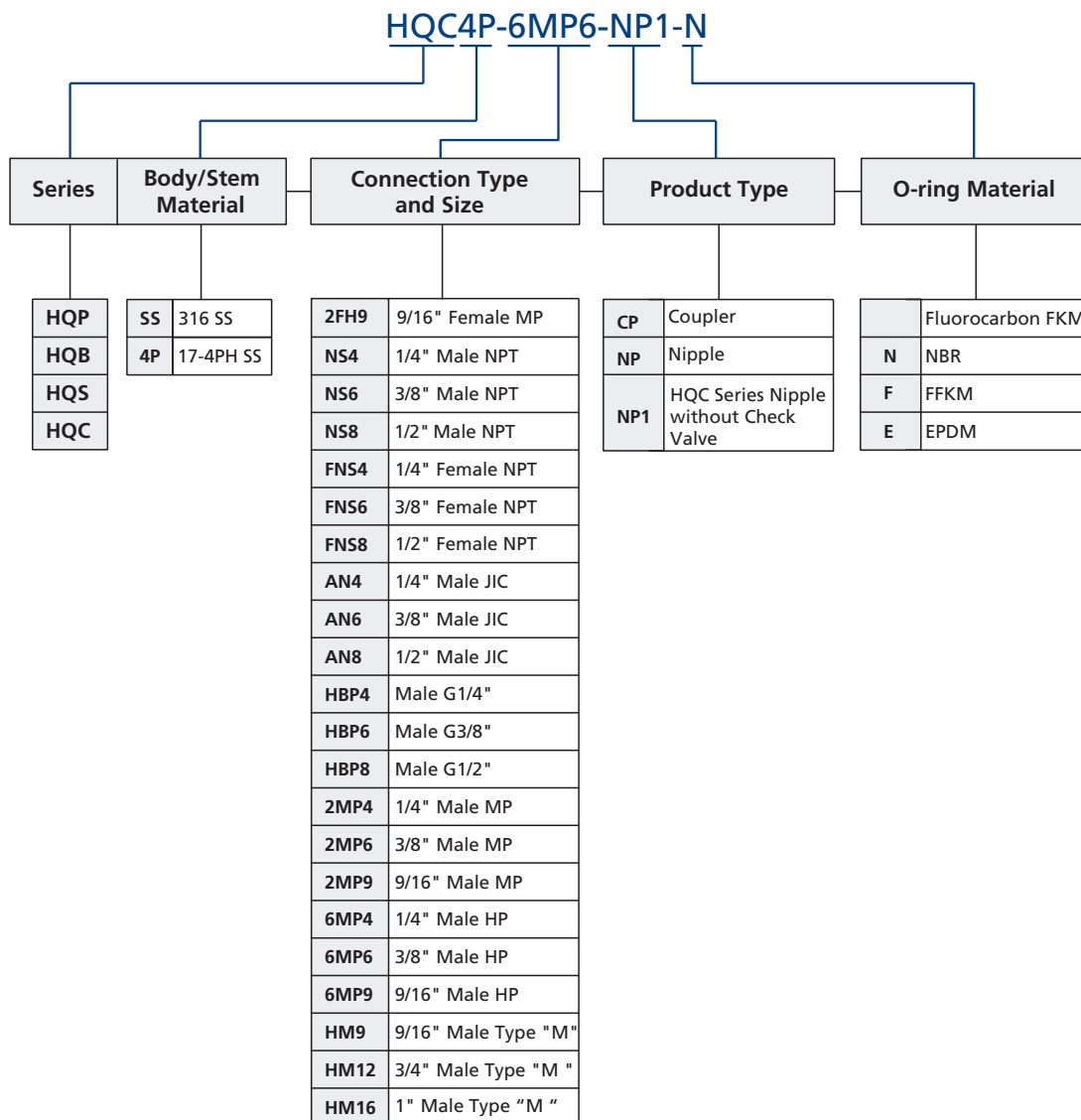


## B-15 Quick Couplings

Type	Ordering Number	Connection	Dimensions, in. (mm)		Working Pressure psig (bar)
			A	D	
Nipple	HQC4P-NS4-NP1	NS4	2.25 (57.1)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS6-NP1	NS6	2.25 (57.1)	1.00 (25.4)	15,000 (1034)
	HQC4P-NS8-NP1	NS8	2.44 (62.0)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS4-NP1	FNS4	2.05 (52.0)	1.00 (25.4)	15,000 (1034)
	HQC4P-FNS6-NP1	FNS6	2.09 (53.0)	1.13 (28.6)	15,000 (1034)
	HQC4P-FNS8-NP1	FNS8	2.36 (60.0)	1.38 (34.9)	15,000 (1034)
	HQC4P-AN4-NP1	AN4	2.24 (56.9)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN6-NP1	AN6	2.24 (57.0)	1.00 (25.4)	20,000 (1379)
	HQC4P-AN8-NP1	AN8	2.35 (59.6)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP4-NP1	HBP4	2.12 (53.9)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP6-NP1	HBP6	2.16 (54.9)	1.00 (25.4)	20,000 (1379)
	HQC4P-HBP8-NP1	HBP8	2.24 (56.9)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP4-NP1	2MP4	2.37 (60.3)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP6-NP1	2MP6	2.52 (64.0)	1.00 (25.4)	20,000 (1379)
	HQC4P-2MP9-NP1	2MP9	2.69 (68.3)	1.00 (25.4)	20,000 (1379)
	HQC4P-6MP4-NP1	6MP4	2.31 (58.7)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP6-NP1	6MP6	2.56 (65.1)	1.00 (25.4)	30,000 (2068)
	HQC4P-6MP9-NP1	6MP9	2.81 (71.4)	1.19 (30.2)	30,000 (2068)
	HQC4P-HM9-NP1	HM9	2.19 (55.6)	1.00 (25.4)	30,000 (2068)
	HQC4P-HM12-NP1	HM12	2.32 (58.9)	1.00 (25.4)	30,000 (2068)
HQC4P-HM16-NP1	HM16	2.33 (59.2)	1.00 (25.4)	30,000 (2068)	

NOTE: All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact FITOK Group or our authorized distributors.

# Ordering Number Description



NOTE: "Ordering Number Description" is a reference to understand the combination rules of FITOK Product Part Number. Not all combinations are available.

Code	O-ring Material	Working Temperature Range, °F (°C)
	Fluorocarbon FKM	0 to 400 (-17.8 to 204)
N	NBR	-10 to 250 (-23 to 121)
F	FFKM	-20 to 550 (-29 to 288)
E	EPDM	-50 to 300 (-45 to 148)

Medium & High Pressure Fittings and Tubing
Quick Couplings
Medium & High Pressure Valves
Line Filters
Sour Service Products
Subsea Valves
Tools and Installation Instructions
Technical Information