

# Адаптеры/муфты LMH

## Технические характеристики

### По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
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Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Россия (495)268-04-70

Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Казахстан (7172)727-132

Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

## Features

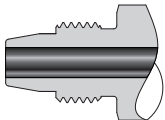
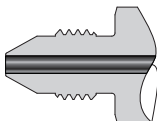
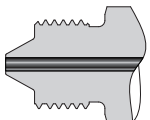
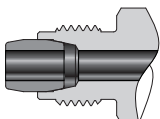
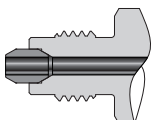
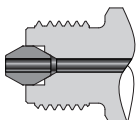
- ❖ Male to Male Adapters
- ❖ Male to Female Adapters
- ❖ Female to Male Adapters
- ❖ Female to Female Couplings
- ❖ Fittings can be manufactured to meet NACE MR0175/ISO 15156
- ❖ Antivibration connection components are available
- ❖ Strain-hardened 316 stainless steel standard, other materials available on request



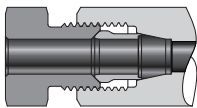
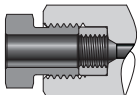
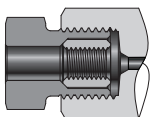
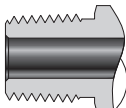
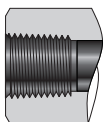
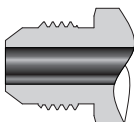
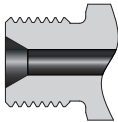
## How to Order

- ❖ To order Hikelok low, medium and high pressure adapters and couplings, add the material designator(316, A825) to the ordering number.
- ❖ Low, medium and high pressure male end connection, one-piece design is standard, to order two-piece design add -TP to the ordering number

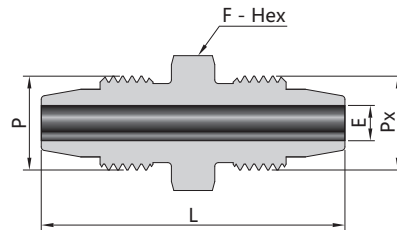
### End Connection Configuration, Size and Working Pressure

| End Connection                          | Configuration                                                                       | Size                                                                     | Working Pressure psig (bar) |
|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------|
| Low Pressure Male                       |   | 1/8" : LPF2<br>1/4" : LPF4<br>3/8" : LPF6<br>1/2" : LPF8                 | 15,000 (1,034)              |
| Medium Pressure Male                    |  | 1/4" : MPF4<br>3/8" : MPF6<br>9/16" : MPF9<br>3/4" : MPF12<br>1" : MPF16 | 20,000 (1,379)              |
| High Pressure Male                      |  | 1/4" : HPF4<br>3/8" : HPF6<br>9/16" : HPF9                               | 60,000 (4,137)              |
| Low Pressure Male (Two-piece Design)    |  | 1/8" : LPF2<br>1/4" : LPF4<br>3/8" : LPF6<br>1/2" : LPF8                 | 15,000 (1,034)              |
| Medium Pressure Male (Two-piece Design) |  | 1/4" : MPF4<br>3/8" : MPF6<br>9/16" : MPF9<br>3/4" : MPF12<br>1" : MPF16 | 20,000 (1,379)              |
| High Pressure Male (Two-piece Design)   |  | 1/4" : HPF4<br>3/8" : HPF6<br>9/16" : HPF9                               | 60,000 (4,137)              |

## End Connection Configuration, Size and Working Pressure

| End Connection         | Configuration                                                                       | Size                                                                     | Working Pressure psig (bar) |
|------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------|
| Low Pressure Female    |    | 1/8" : LPF2<br>1/4" : LPF4<br>3/8" : LPF6<br>1/2" : LPF8                 | 15,000 (1,034)              |
| Medium Pressure Female |    | 1/4" : MPF4<br>3/8" : MPF6<br>9/16" : MPF9<br>3/4" : MPF12<br>1" : MPF16 | 20,000 (1,379)              |
| High Pressure Female   |    | 1/4" : HPF4<br>3/8" : HPF6<br>9/16" : HPF9                               | 60,000 (4,137)              |
| Male NPT Thread        |   | 1/4" : NPT4<br>3/8" : NPT6<br>1/2" : NPT8                                | 15,000 (1,034)              |
|                        |                                                                                     | 3/4" : NPT12<br>1" : NPT16                                               | 10,000 (689)                |
| Female NPT Thread      |  | 1/4" : FNPT4<br>3/8" : FNPT6<br>1/2" : FNPT8                             | 15,000 (1,034)              |
|                        |                                                                                     | 3/4" : FNPT12<br>1" : FNPT16                                             | 10,000 (689)                |
| Male JIC               |  | 7/16-20: AN4<br>9/16-18: AN6<br>3/4-16: AN8<br>7/8-14: AN10              | 20,000 (1,379)              |
|                        |                                                                                     | 1-1/16-12: AN12<br>1-5/16-12: AN16                                       | 15,000 (1,034)              |
| Type M hose            |  | 9/16-18: RH9<br>3/4-16: RH12<br>7/8-14: RH14                             | 30,000 (2,068)              |
|                        |                                                                                     | 1-12: RH16<br>1-5/16-12: RH21                                            | 20,000 (1,379)              |

## Low Pressure Male to Low Pressure Male

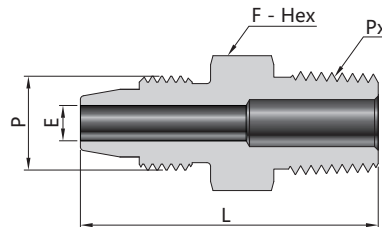


### Low Pressure Male

### Low Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | LPF2               | LPF2-MTM-LPF2-  | 1.37 (34.9)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | LPF2               | LPF4-MTM-LPF2-  | 1.63 (41.3)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | LPF4               | LPF4-MTM-LPF4-  | 1.75 (44.5)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | LPF2               | LPF6-MTM-LPF2-  | 1.69 (42.9)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF6              | LPF4               | LPF6-MTM-LPF4-  | 1.87 (47.6)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | LPF6               | LPF6-MTM-LPF6-  | 1.87 (47.6)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | LPF2               | LPF8-MTM-LPF2-  | 1.81 (46.0)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| LPF8              | LPF4               | LPF8-MTM-LPF4-  | 2.00 (50.8)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| LPF8              | LPF6               | LPF8-MTM-LPF6-  | 2.00 (50.8)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | LPF8               | LPF8-MTM-LPF8-  | 2.06 (52.4)         | 0.94 (23.8) | 0.37 (9.5) | 15000 (1034)                |

## Low Pressure Male to Male NPT Threads



### Low Pressure Male

### Male NPT Threads

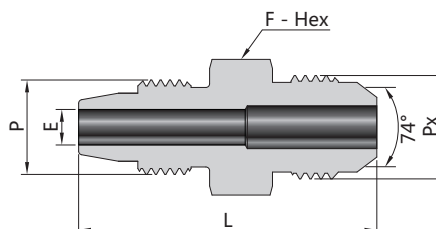
| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | 1/8 NPT            | LPF2-MTM-NPT2-  | 1.19 (30.2)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 1/4 NPT            | LPF2-MTM-NPT4-  | 1.44 (36.5)         | 0.56 (14.3) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 3/8 NPT            | LPF2-MTM-NPT6-  | 1.50 (38.1)         | 0.69 (17.5) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 1/2 NPT            | LPF2-MTM-NPT8-  | 1.75 (44.5)         | 0.87 (22.2) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 3/4 NPT            | LPF2-MTM-NPT12- | 1.81 (46.0)         | 1.06 (27.0) | 0.09 (2.4) | 10000 (690)                 |
| LPF2              | 1 NPT              | LPF2-MTM-NPT16- | 2.13 (54.0)         | 1.37 (34.9) | 0.09 (2.4) | 10000 (690)                 |
| LPF4              | 1/8 NPT            | LPF4-MTM-NPT2-  | 1.44 (36.5)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 1/4 NPT            | LPF4-MTM-NPT4-  | 1.63 (41.3)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 3/8 NPT            | LPF4-MTM-NPT6-  | 1.63 (41.3)         | 0.69 (17.5) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 1/2 NPT            | LPF4-MTM-NPT8-  | 1.87 (47.6)         | 0.87 (22.2) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 3/4 NPT            | LPF4-MTM-NPT12- | 1.94 (49.2)         | 1.06 (27.0) | 0.19 (4.8) | 10000 (690)                 |
| LPF4              | 1 NPT              | LPF4-MTM-NPT16- | 2.25 (57.2)         | 1.37 (34.9) | 0.19 (4.8) | 10000 (690)                 |

## Low Pressure Male

## Male NPT Threads

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF6              | 1/8 NPT            | LPF6-MTM-NPT2-  | 1.50 (38.1)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | 1/4 NPT            | LPF6-MTM-NPT4-  | 1.69 (42.9)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 3/8 NPT            | LPF6-MTM-NPT6-  | 1.69 (42.9)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 1/2 NPT            | LPF6-MTM-NPT8-  | 1.94 (49.2)         | 0.87 (22.2) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 3/4 NPT            | LPF6-MTM-NPT12- | 2.00 (50.8)         | 1.06 (27.0) | 0.25 (6.4) | 10000 (690)                 |
| LPF6              | 1 NPT              | LPF6-MTM-NPT16- | 2.31 (58.7)         | 1.37 (34.9) | 0.25 (6.4) | 10000 (690)                 |
| LPF8              | 1/8 NPT            | LPF8-MTM-NPT2-  | 1.63 (41.3)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| LPF8              | 1/4 NPT            | LPF8-MTM-NPT4-  | 1.81 (46.0)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | 3/8 NPT            | LPF8-MTM-NPT6-  | 1.81 (46.0)         | 0.94 (23.8) | 0.31 (7.9) | 15000 (1034)                |
| LPF8              | 1/2 NPT            | LPF8-MTM-NPT8-  | 2.00 (50.8)         | 0.94 (23.8) | 0.37 (9.5) | 15000 (1034)                |
| LPF8              | 3/4 NPT            | LPF8-MTM-NPT12- | 2.06 (52.4)         | 1.06 (27.0) | 0.37 (9.5) | 10000 (690)                 |
| LPF8              | 1 NPT              | LPF8-MTM-NPT16- | 2.37 (60.3)         | 1.37 (34.9) | 0.37 (9.5) | 10000 (690)                 |

## Low Pressure Male to Male JIC

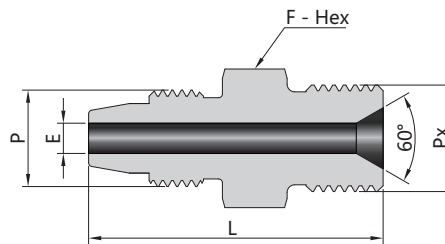


## Low Pressure Male

## Male JIC

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | 1/4 JIC            | LPF2-MTM-AN4-   | 1.37 (34.9)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 3/8 JIC            | LPF2-MTM-AN6-   | 1.44 (36.5)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 1/2 JIC            | LPF2-MTM-AN8-   | 1.63 (41.3)         | 0.81 (20.6) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 5/8 JIC            | LPF2-MTM-AN10-  | 1.75 (44.5)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 3/4 JIC            | LPF2-MTM-AN12-  | 1.94 (49.2)         | 1.13 (28.6) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | 1 JIC              | LPF2-MTM-AN16-  | 2.06 (52.4)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | 1/4 JIC            | LPF4-MTM-AN4-   | 1.63 (41.3)         | 0.63 (15.9) | 0.17 (4.4) | 15000 (1034)                |
| LPF4              | 3/8 JIC            | LPF4-MTM-AN6-   | 1.63 (41.3)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 1/2 JIC            | LPF4-MTM-AN8-   | 1.75 (44.5)         | 0.81 (20.6) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 5/8 JIC            | LPF4-MTM-AN10-  | 1.94 (49.2)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 3/4 JIC            | LPF4-MTM-AN12-  | 2.06 (52.4)         | 1.13 (28.6) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | 1 JIC              | LPF4-MTM-AN16-  | 2.25 (57.2)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | 1/4 JIC            | LPF6-MTM-AN4-   | 1.69 (42.9)         | 0.75 (19.1) | 0.17 (4.4) | 15000 (1034)                |
| LPF6              | 3/8 JIC            | LPF6-MTM-AN6-   | 1.69 (42.9)         | 0.75 (19.1) | 0.23 (5.8) | 15000 (1034)                |
| LPF6              | 1/2 JIC            | LPF6-MTM-AN8-   | 1.81 (46.0)         | 0.81 (20.6) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 5/8 JIC            | LPF6-MTM-AN10-  | 1.94 (49.2)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 3/4 JIC            | LPF6-MTM-AN12-  | 2.13 (54.0)         | 1.13 (28.6) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | 1 JIC              | LPF6-MTM-AN16-  | 2.25 (57.2)         | 1.37 (34.9) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | 1/4 JIC            | LPF8-MTM-AN4-   | 1.81 (46.0)         | 0.94 (23.8) | 0.17 (4.4) | 15000 (1034)                |
| LPF8              | 3/8 JIC            | LPF8-MTM-AN6-   | 1.81 (46.0)         | 0.94 (23.8) | 0.23 (5.8) | 15000 (1034)                |
| LPF8              | 1/2 JIC            | LPF8-MTM-AN8-   | 1.94 (49.2)         | 0.94 (23.8) | 0.31 (8.0) | 15000 (1034)                |
| LPF8              | 5/8 JIC            | LPF8-MTM-AN10-  | 2.00 (50.8)         | 0.94 (23.8) | 0.37 (9.4) | 15000 (1034)                |
| LPF8              | 3/4 JIC            | LPF8-MTM-AN12-  | 2.19 (55.6)         | 1.13 (28.6) | 0.37 (9.5) | 15000 (1034)                |
| LPF8              | 1 JIC              | LPF8-MTM-AN16-  | 2.31 (58.7)         | 1.37 (34.9) | 0.37 (9.5) | 15000 (1034)                |

## Low Pressure Male to Type M hose Male

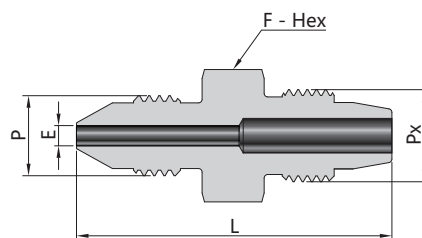


Low Pressure Male

Type M hose Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | RH9                | LPF2-MTM-RH9-   | 1.38 (35.1)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | RH12               | LPF2-MTM-RH12-  | 1.55 (39.4)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | RH14               | LPF2-MTM-RH14-  | 1.76 (44.6)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | RH16               | LPF2-MTM-RH16-  | 1.64 (41.7)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | RH21               | LPF2-MTM-RH21-  | 1.76 (44.7)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | RH9                | LPF4-MTM-RH9-   | 1.54 (39.0)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | RH12               | LPF4-MTM-RH12-  | 1.70 (43.3)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | RH14               | LPF4-MTM-RH14-  | 1.91 (48.5)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF4              | RH16               | LPF4-MTM-RH16-  | 1.80 (45.6)         | 1.00 (25.4) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | RH21               | LPF4-MTM-RH21-  | 1.91 (48.6)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | RH9                | LPF6-MTM-RH9-   | 1.63 (41.3)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF6              | RH12               | LPF6-MTM-RH12-  | 1.76 (44.6)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | RH14               | LPF6-MTM-RH14-  | 1.95 (49.6)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF6              | RH16               | LPF6-MTM-RH16-  | 1.85 (46.9)         | 1.00 (25.4) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | RH21               | LPF6-MTM-RH21-  | 1.96 (49.9)         | 1.37 (34.9) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | RH9                | LPF8-MTM-RH9-   | 1.73 (44.0)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| LPF8              | RH12               | LPF8-MTM-RH12-  | 1.86 (47.3)         | 0.94 (23.8) | 0.29 (7.4) | 15000 (1034)                |
| LPF8              | RH14               | LPF8-MTM-RH14-  | 2.01 (51.1)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF8              | RH16               | LPF8-MTM-RH16-  | 1.90 (48.2)         | 1.00 (25.4) | 0.37 (9.5) | 15000 (1034)                |
| LPF8              | RH21               | LPF8-MTM-RH21-  | 2.02 (51.2)         | 1.37 (34.9) | 0.37 (9.5) | 15000 (1034)                |

## Medium Pressure Male to Low Pressure Male



Medium Pressure Male

Low Pressure Male

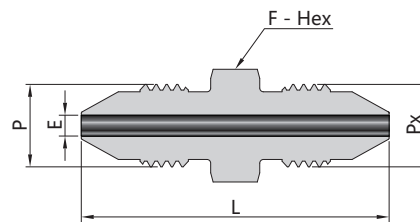
| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| MPF4              | LPF2               | MPF4-MTM-LPF2-  | 1.50 (38.1)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| MPF4              | LPF4               | MPF4-MTM-LPF4-  | 1.75 (44.5)         | 0.63 (15.9) | 0.11 (2.8) | 15000 (1034)                |
| MPF4              | LPF6               | MPF4-MTM-LPF6-  | 1.81 (46.0)         | 0.75 (19.1) | 0.11 (2.8) | 15000 (1034)                |
| MPF4              | LPF8               | MPF4-MTM-LPF8-  | 1.94 (49.2)         | 0.94 (23.8) | 0.11 (2.8) | 15000 (1034)                |
| MPF6              | LPF2               | MPF6-MTM-LPF2-  | 1.75 (44.5)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| MPF6              | LPF4               | MPF6-MTM-LPF4-  | 1.87 (47.6)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |

**Medium Pressure Male**

**Low Pressure Male**

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| MPF6              | LPF6               | MPF6-MTM-LPF6-  | 1.94 (49.2)         | 0.75 (19.1) | 0.20 (5.2) | 15000 (1034)                |
| MPF6              | LPF8               | MPF6-MTM-LPF8-  | 2.06 (52.4)         | 0.94 (23.8) | 0.20 (5.2) | 15000 (1034)                |
| MPF9              | LPF2               | MPF9-MTM-LPF2-  | 2.00 (50.8)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| MPF9              | LPF4               | MPF9-MTM-LPF4-  | 2.19 (55.6)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| MPF9              | LPF6               | MPF9-MTM-LPF6-  | 2.19 (55.6)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| MPF9              | LPF8               | MPF9-MTM-LPF8-  | 2.25 (57.2)         | 0.94 (23.8) | 0.31 (7.9) | 15000 (1034)                |
| MPF12             | LPF2               | MPF12-MTM-LPF2- | 2.25 (57.2)         | 1.19 (30.2) | 0.09 (2.4) | 15000 (1034)                |
| MPF12             | LPF4               | MPF12-MTM-LPF4- | 2.44 (61.9)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| MPF12             | LPF6               | MPF12-MTM-LPF6- | 2.50 (63.5)         | 1.19 (30.2) | 0.25 (6.4) | 15000 (1034)                |
| MPF12             | LPF8               | MPF12-MTM-LPF8- | 2.50 (63.5)         | 1.19 (30.2) | 0.37 (9.5) | 15000 (1034)                |
| MPF16             | LPF2               | MPF16-MTM-LPF2- | 2.81 (71.4)         | 1.50 (38.1) | 0.09 (2.4) | 15000 (1034)                |
| MPF16             | LPF4               | MPF16-MTM-LPF4- | 3.00 (76.2)         | 1.50 (38.1) | 0.19 (4.8) | 15000 (1034)                |
| MPF16             | LPF6               | MPF16-MTM-LPF6- | 3.06 (77.8)         | 1.50 (38.1) | 0.37 (9.5) | 15000 (1034)                |
| MPF16             | LPF8               | MPF16-MTM-LPF8- | 3.06 (77.8)         | 1.50 (38.1) | 0.37 (9.5) | 15000 (1034)                |

**Medium Pressure Male to Medium Pressure Male**

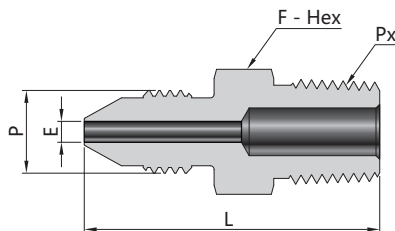


**Medium Pressure Male**

**Medium Pressure Male**

| P-Connection Type | PX-Connection Type | Ordering Number  | Dimension, in. (mm) |             |             | Working Pressure psig (bar) |
|-------------------|--------------------|------------------|---------------------|-------------|-------------|-----------------------------|
|                   |                    |                  | L                   | F           | E           |                             |
| MPF4              | MPF4               | MPF4-MTM-MPF4-   | 1.63 (41.3)         | 0.50 (12.7) | 0.11 (2.8)  | 20000 (1379)                |
| MPF6              | MPF4               | MPF6-MTM-MPF4-   | 1.87 (47.6)         | 0.63 (15.9) | 0.11 (2.8)  | 20000 (1379)                |
| MPF6              | MPF6               | MPF6-MTM-MPF6-   | 2.00 (50.8)         | 0.63 (15.9) | 0.20 (5.2)  | 20000 (1379)                |
| MPF9              | MPF4               | MPF9-MTM-MPF4-   | 2.13 (54.0)         | 0.94 (23.8) | 0.11 (2.8)  | 20000 (1379)                |
| MPF9              | MPF6               | MPF9-MTM-MPF6-   | 2.31 (58.7)         | 0.94 (23.8) | 0.20 (5.2)  | 20000 (1379)                |
| MPF9              | MPF9               | MPF9-MTM-MPF9-   | 2.50 (63.5)         | 0.94 (23.8) | 0.31 (7.9)  | 20000 (1379)                |
| MPF12             | MPF4               | MPF12-MTM-MPF4-  | 2.44 (61.9)         | 1.19 (30.2) | 0.11 (2.8)  | 20000 (1379)                |
| MPF12             | MPF6               | MPF12-MTM-MPF6-  | 2.56 (65.1)         | 1.19 (30.2) | 0.20 (5.2)  | 20000 (1379)                |
| MPF12             | MPF9               | MPF12-MTM-MPF9-  | 2.75 (69.9)         | 1.19 (30.2) | 0.31 (7.9)  | 20000 (1379)                |
| MPF12             | MPF12              | MPF12-MTM-MPF12- | 2.94 (74.6)         | 1.19 (30.2) | 0.44 (11.1) | 20000 (1379)                |
| MPF16             | MPF4               | MPF16-MTM-MPF4-  | 3.00 (76.2)         | 1.50 (38.1) | 0.11 (2.8)  | 20000 (1379)                |
| MPF16             | MPF6               | MPF16-MTM-MPF6-  | 3.13 (79.4)         | 1.50 (38.1) | 0.20 (5.2)  | 20000 (1379)                |
| MPF16             | MPF9               | MPF16-MTM-MPF9-  | 3.31 (84.2)         | 1.50 (38.1) | 0.31 (7.9)  | 20000 (1379)                |
| MPF16             | MPF12              | MPF16-MTM-MPF12- | 3.44 (87.4)         | 1.50 (38.1) | 0.44 (11.1) | 20000 (1379)                |
| MPF16             | MPF16              | MPF16-MTM-MPF16- | 3.94 (100.2)        | 1.50 (38.1) | 0.56 (14.3) | 20000 (1379)                |

## Medium Pressure Male to Male NPT Threads

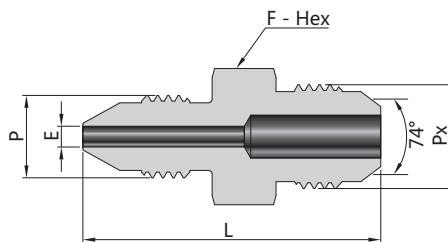


### Medium Pressure Male

### Male NPT Threads

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | 1/8 NPT                   | MPF4-MTM-NPT2-     | 1.37 (34.9)         | 0.50 (12.7) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/4 NPT                   | MPF4-MTM-NPT4-     | 1.56 (39.7)         | 0.56 (14.3) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 3/8 NPT                   | MPF4-MTM-NPT6-     | 1.63 (41.3)         | 0.69 (17.5) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/2 NPT                   | MPF4-MTM-NPT8-     | 1.87 (47.6)         | 0.87 (22.2) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 3/4 NPT                   | MPF4-MTM-NPT12-    | 1.94 (49.2)         | 1.06 (27.0) | 0.11 (2.8)  | 10000 (690)                       |
| MPF4                     | 1 NPT                     | MPF4-MTM-NPT16-    | 2.25 (57.2)         | 1.37 (34.9) | 0.11 (2.8)  | 10000 (690)                       |
| MPF6                     | 1/8 NPT                   | MPF6-MTM-NPT2-     | 1.56 (39.7)         | 0.63 (15.9) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF6                     | 1/4 NPT                   | MPF6-MTM-NPT4-     | 1.75 (44.5)         | 0.63 (15.9) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 3/8 NPT                   | MPF6-MTM-NPT6-     | 1.75 (44.5)         | 0.69 (17.5) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 1/2 NPT                   | MPF6-MTM-NPT8-     | 2.00 (50.8)         | 0.87 (22.2) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 3/4 NPT                   | MPF6-MTM-NPT12-    | 2.06 (52.4)         | 1.06 (27.0) | 0.20 (5.2)  | 10000 (690)                       |
| MPF6                     | 1 NPT                     | MPF6-MTM-NPT16-    | 2.37 (60.3)         | 1.37 (34.9) | 0.20 (5.2)  | 10000 (690)                       |
| MPF9                     | 1/8 NPT                   | MPF9-MTM-NPT2-     | 1.87 (47.6)         | 0.94 (23.8) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF9                     | 1/4 NPT                   | MPF9-MTM-NPT4-     | 2.06 (52.4)         | 0.94 (23.8) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF9                     | 3/8 NPT                   | MPF9-MTM-NPT6-     | 2.06 (52.4)         | 0.94 (23.8) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 1/2 NPT                   | MPF9-MTM-NPT8-     | 2.25 (57.2)         | 0.94 (23.8) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 3/4 NPT                   | MPF9-MTM-NPT12-    | 2.31 (58.7)         | 1.06 (27.0) | 0.31 (7.9)  | 10000 (690)                       |
| MPF9                     | 1 NPT                     | MPF9-MTM-NPT16-    | 2.56 (65.1)         | 1.37 (34.9) | 0.31 (7.9)  | 10000 (690)                       |
| MPF12                    | 1/8 NPT                   | MPF12-MTM-NPT2-    | 2.13 (54.0)         | 1.19 (30.2) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF12                    | 1/4 NPT                   | MPF12-MTM-NPT4-    | 2.31 (58.7)         | 1.19 (30.2) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF12                    | 3/8 NPT                   | MPF12-MTM-NPT6-    | 2.31 (58.7)         | 1.19 (30.2) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF12                    | 1/2 NPT                   | MPF12-MTM-NPT8-    | 2.50 (63.5)         | 1.19 (30.2) | 0.38 (9.6)  | 15000 (1034)                      |
| MPF12                    | 3/4 NPT                   | MPF12-MTM-NPT12-   | 2.50 (63.5)         | 1.19 (30.2) | 0.44 (11.1) | 10000 (690)                       |
| MPF12                    | 1 NPT                     | MPF12-MTM-NPT16-   | 2.75 (69.9)         | 1.37 (34.9) | 0.44 (11.1) | 10000 (690)                       |
| MPF16                    | 1/8 NPT                   | MPF16-MTM-NPT2-    | 2.69 (68.3)         | 1.50 (38.1) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF16                    | 1/4 NPT                   | MPF16-MTM-NPT4-    | 2.81 (71.4)         | 1.50 (38.1) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF16                    | 3/8 NPT                   | MPF16-MTM-NPT6-    | 2.81 (71.4)         | 1.50 (38.1) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF16                    | 1/2 NPT                   | MPF16-MTM-NPT8-    | 3.06 (77.8)         | 1.50 (38.1) | 0.38 (9.6)  | 15000 (1034)                      |
| MPF16                    | 3/4 NPT                   | MPF16-MTM-NPT12-   | 3.06 (82.6)         | 1.50 (38.1) | 0.56 (14.3) | 10000 (690)                       |
| MPF16                    | 1 NPT                     | MPF16-MTM-NPT16-   | 3.25 (82.6)         | 1.50 (38.1) | 0.56 (14.3) | 10000 (690)                       |

## Medium Pressure Male to Male JIC

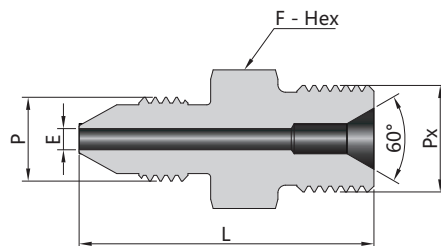


### Medium Pressure Male

### Male JIC

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | 1/4 JIC                   | MPF4-MTM-AN4-      | 1.50 (38.1)         | 0.50 (12.7) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | 3/8 JIC                   | MPF4-MTM-AN6-      | 1.63 (41.3)         | 0.63 (15.9) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | 1/2 JIC                   | MPF4-MTM-AN8-      | 1.75 (44.5)         | 0.81 (20.6) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | 5/8 JIC                   | MPF4-MTM-AN10-     | 1.87 (47.6)         | 0.94 (23.8) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | 3/4 JIC                   | MPF4-MTM-AN12-     | 2.06 (52.4)         | 1.13 (28.6) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1 JIC                     | MPF4-MTM-AN16-     | 2.19 (55.6)         | 1.37 (34.9) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF6                     | 1/4 JIC                   | MPF6-MTM-AN4-      | 1.75 (44.5)         | 0.63 (15.9) | 0.17 (4.4)  | 20000 (1379)                      |
| MPF6                     | 3/8 JIC                   | MPF6-MTM-AN6-      | 1.75 (44.5)         | 0.63 (15.9) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | 1/2 JIC                   | MPF6-MTM-AN8-      | 1.87 (47.6)         | 0.81 (20.6) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | 5/8 JIC                   | MPF6-MTM-AN10-     | 2.06 (52.4)         | 0.94 (23.8) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | 3/4 JIC                   | MPF6-MTM-AN12-     | 2.25 (57.2)         | 1.13 (28.6) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 1 JIC                     | MPF6-MTM-AN16-     | 2.37 (60.3)         | 1.37 (34.9) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF9                     | 1/4 JIC                   | MPF9-MTM-AN4-      | 2.00 (50.8)         | 0.94 (23.8) | 0.17 (4.4)  | 20000 (1379)                      |
| MPF9                     | 3/8 JIC                   | MPF9-MTM-AN6-      | 2.06 (52.4)         | 0.94 (23.8) | 0.23 (5.8)  | 20000 (1379)                      |
| MPF9                     | 1/2 JIC                   | MPF9-MTM-AN8-      | 2.13 (54.0)         | 0.94 (23.8) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | 5/8 JIC                   | MPF9-MTM-AN10-     | 2.25 (57.2)         | 0.94 (23.8) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | 3/4 JIC                   | MPF9-MTM-AN12-     | 2.44 (61.9)         | 1.13 (28.6) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 1 JIC                     | MPF9-MTM-AN16-     | 2.56 (65.1)         | 1.37 (34.9) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF12                    | 1/4 JIC                   | MPF12-MTM-AN4-     | 2.31 (58.7)         | 1.19 (30.2) | 0.17 (4.4)  | 20000 (1379)                      |
| MPF12                    | 3/8 JIC                   | MPF12-MTM-AN6-     | 2.31 (58.7)         | 1.19 (30.2) | 0.23 (5.8)  | 20000 (1379)                      |
| MPF12                    | 1/2 JIC                   | MPF12-MTM-AN8-     | 2.37 (60.3)         | 1.19 (30.2) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF12                    | 5/8 JIC                   | MPF12-MTM-AN10-    | 2.50 (63.5)         | 1.19 (30.2) | 0.37 (9.4)  | 20000 (1379)                      |
| MPF12                    | 3/4 JIC                   | MPF12-MTM-AN12-    | 2.63 (66.7)         | 1.19 (30.2) | 0.44 (11.1) | 15000 (1034)                      |
| MPF12                    | 1 JIC                     | MPF12-MTM-AN16-    | 2.69 (68.3)         | 1.37 (34.9) | 0.44 (11.1) | 15000 (1034)                      |
| MPF16                    | 1/4 JIC                   | MPF16-MTM-AN4-     | 2.81 (71.4)         | 1.50 (38.1) | 0.17 (4.4)  | 20000 (1379)                      |
| MPF16                    | 3/8 JIC                   | MPF16-MTM-AN6-     | 2.81 (71.4)         | 1.50 (38.1) | 0.23 (5.8)  | 20000 (1379)                      |
| MPF16                    | 1/2 JIC                   | MPF16-MTM-AN8-     | 2.94 (74.6)         | 1.50 (38.1) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF16                    | 5/8 JIC                   | MPF16-MTM-AN10-    | 3.06 (77.8)         | 1.50 (38.1) | 0.37 (9.4)  | 20000 (1379)                      |
| MPF16                    | 3/4 JIC                   | MPF16-MTM-AN12-    | 3.13 (79.4)         | 1.50 (38.1) | 0.46 (11.6) | 15000 (1034)                      |
| MPF16                    | 1 JIC                     | MPF16-MTM-AN16-    | 3.19 (81.0)         | 1.50 (38.1) | 0.56 (14.3) | 15000 (1034)                      |

## Medium Pressure Male to Type M hose Male

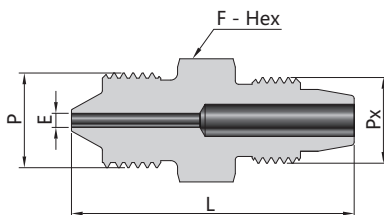


Medium Pressure Male

Type M hose Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | RH9                       | MPF4-MTM-RH9-      | 1.52 (38.7)         | 0.63 (15.9) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF4                     | RH12                      | MPF4-MTM-RH12-     | 1.69 (43.0)         | 0.75 (19.1) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | RH14                      | MPF4-MTM-RH14-     | 1.90 (48.2)         | 1.00 (25.4) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | RH16                      | MPF4-MTM-RH16-     | 1.78 (45.3)         | 1.00 (25.4) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | RH21                      | MPF4-MTM-RH21-     | 1.90 (48.3)         | 1.37 (34.9) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF6                     | RH9                       | MPF6-MTM-RH9-      | 1.67 (42.4)         | 0.63 (15.9) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF6                     | RH12                      | MPF6-MTM-RH12-     | 1.84 (46.7)         | 0.75 (19.1) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | RH14                      | MPF6-MTM-RH14-     | 2.04 (51.9)         | 1.00 (25.4) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF6                     | RH16                      | MPF6-MTM-RH16-     | 1.93 (49.0)         | 1.00 (25.4) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | RH21                      | MPF6-MTM-RH21-     | 2.05 (52.0)         | 1.37 (34.9) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF9                     | RH9                       | MPF9-MTM-RH9-      | 1.95 (49.6)         | 0.94 (23.8) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF9                     | RH12                      | MPF9-MTM-RH12-     | 2.08 (52.9)         | 0.94 (23.8) | 0.29 (7.4)  | 20000 (1379)                      |
| MPF9                     | RH14                      | MPF9-MTM-RH14-     | 2.23 (56.7)         | 1.00 (25.4) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF9                     | RH16                      | MPF9-MTM-RH16-     | 2.12 (53.8)         | 1.00 (25.4) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | RH21                      | MPF9-MTM-RH21-     | 2.24 (56.8)         | 1.37 (34.9) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF12                    | RH9                       | MPF12-MTM-RH9-     | 2.22 (56.3)         | 1.19 (30.2) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF12                    | RH12                      | MPF12-MTM-RH12-    | 2.35 (59.6)         | 1.19 (30.2) | 0.29 (7.4)  | 20000 (1379)                      |
| MPF12                    | RH14                      | MPF12-MTM-RH14-    | 2.47 (62.8)         | 1.19 (30.2) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF12                    | RH16                      | MPF12-MTM-RH16-    | 2.36 (59.9)         | 1.19 (30.2) | 0.39 (10.0) | 20000 (1379)                      |
| MPF12                    | RH21                      | MPF12-MTM-RH21-    | 2.41 (61.1)         | 1.37 (34.9) | 0.44 (11.1) | 20000 (1379)                      |
| MPF16                    | RH9                       | MPF16-MTM-RH9-     | 2.77 (70.3)         | 1.50 (38.1) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF16                    | RH12                      | MPF16-MTM-RH12-    | 2.90 (73.6)         | 1.50 (38.1) | 0.29 (7.4)  | 20000 (1379)                      |
| MPF16                    | RH14                      | MPF16-MTM-RH14-    | 3.02 (76.8)         | 1.50 (38.1) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF16                    | RH16                      | MPF16-MTM-RH16-    | 2.91 (73.9)         | 1.50 (38.1) | 0.39 (10.0) | 20000 (1379)                      |
| MPF16                    | RH21                      | MPF16-MTM-RH21-    | 2.89 (73.3)         | 1.50 (38.1) | 0.56 (14.3) | 20000 (1379)                      |

## High Pressure Male to Low Pressure Male

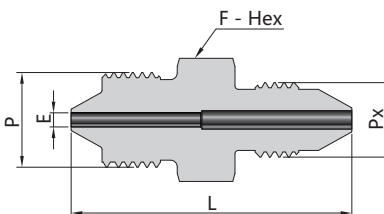


### High Pressure Male

### Low Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | LPF2               | HPF4-MTM-LPF2-  | 1.50 (38.1)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                |
| HPF4              | LPF4               | HPF4-MTM-LPF4-  | 1.69 (42.9)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                |
| HPF4              | LPF6               | HPF4-MTM-LPF6-  | 1.75 (44.5)         | 0.75 (19.1) | 0.08 (2.1) | 15000 (1034)                |
| HPF4              | LPF8               | HPF4-MTM-LPF8-  | 1.87 (47.6)         | 0.94 (23.8) | 0.08 (2.1) | 15000 (1034)                |
| HPF6              | LPF2               | HPF6-MTM-LPF2-  | 1.81 (46.0)         | 0.81 (20.6) | 0.09 (2.4) | 15000 (1034)                |
| HPF6              | LPF4               | HPF6-MTM-LPF4-  | 2.00 (50.8)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF6               | HPF6-MTM-LPF6-  | 2.06 (52.4)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF8               | HPF6-MTM-LPF8-  | 2.13 (54.0)         | 0.94 (23.8) | 0.13 (3.2) | 15000 (1034)                |
| HPF9              | LPF2               | HPF9-MTM-LPF2-  | 2.13 (54.0)         | 1.19 (30.2) | 0.09 (2.4) | 15000 (1034)                |
| HPF9              | LPF4               | HPF9-MTM-LPF4-  | 2.31 (58.7)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF6               | HPF9-MTM-LPF6-  | 2.31 (58.7)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF8               | HPF9-MTM-LPF8-  | 2.37 (60.3)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |

## High Pressure Male to Medium Pressure Male

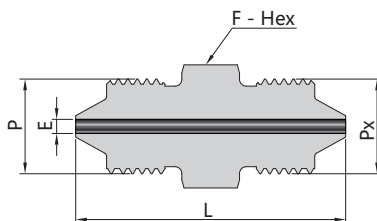


### High Pressure Male

### Medium Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | MPF4               | HPF4-MTM-MPF4-  | 1.69 (42.9)         | 0.63 (15.9) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | MPF6               | HPF4-MTM-MPF6-  | 1.81 (46.0)         | 0.63 (15.9) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | MPF9               | HPF4-MTM-MPF9-  | 2.06 (52.4)         | 0.94 (23.8) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | MPF12              | HPF4-MTM-MPF12- | 2.37 (60.3)         | 1.19 (30.2) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | MPF16              | HPF4-MTM-MPF16- | 2.94 (74.6)         | 1.50 (38.1) | 0.08 (2.1) | 20000 (1379)                |
| HPF6              | MPF4               | HPF6-MTM-MPF4-  | 2.00 (50.8)         | 0.81 (20.6) | 0.11 (2.8) | 20000 (1379)                |
| HPF6              | MPF6               | HPF6-MTM-MPF6-  | 2.13 (54.0)         | 0.81 (20.6) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF9               | HPF6-MTM-MPF9-  | 2.37 (60.3)         | 0.94 (23.8) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF12              | HPF6-MTM-MPF12- | 2.63 (66.7)         | 1.19 (30.2) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF16              | HPF6-MTM-MPF16- | 3.13 (79.4)         | 1.50 (38.1) | 0.13 (3.2) | 20000 (1379)                |
| HPF9              | MPF4               | HPF9-MTM-MPF4-  | 2.25 (57.2)         | 1.19 (30.2) | 0.11 (2.8) | 20000 (1379)                |
| HPF9              | MPF6               | HPF9-MTM-MPF6-  | 2.44 (61.9)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF9               | HPF9-MTM-MPF9-  | 2.63 (66.7)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF12              | HPF9-MTM-MPF12- | 2.80 (71.0)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF16              | HPF9-MTM-MPF16- | 3.31 (84.2)         | 1.50 (38.1) | 0.19 (4.8) | 20000 (1379)                |

## High Pressure Male to High Pressure Male

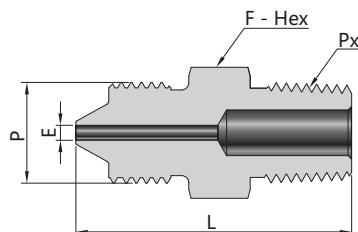


High Pressure Male

High Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| HPF4                     | HPF4                      | HPF4-MTM-HPF4-     | 1.63 (41.3)         | 0.63 (15.9) | 0.08 (2.1) | 60000 (4137)                      |
| HPF6                     | HPF4                      | HPF6-MTM-HPF4-     | 1.94 (49.2)         | 0.81 (20.6) | 0.08 (2.1) | 60000 (4137)                      |
| HPF6                     | HPF6                      | HPF6-MTM-HPF6-     | 2.19 (55.6)         | 0.81 (20.6) | 0.13 (3.2) | 60000 (4137)                      |
| HPF9                     | HPF4                      | HPF9-MTM-HPF4-     | 2.19 (55.6)         | 1.19 (30.2) | 0.08 (2.1) | 60000 (4137)                      |
| HPF9                     | HPF6                      | HPF9-MTM-HPF6-     | 2.50 (63.5)         | 1.19 (30.2) | 0.13 (3.2) | 60000 (4137)                      |
| HPF9                     | HPF9                      | HPF9-MTM-HPF9-     | 2.63 (66.7)         | 1.19 (30.2) | 0.19 (4.8) | 60000 (4137)                      |

## High Pressure Male to Male NPT Threads

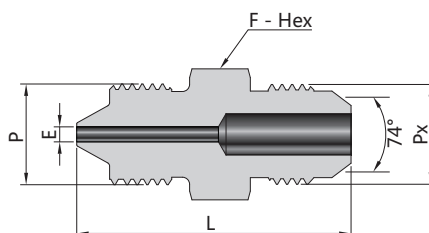


High Pressure Male

Male NPT Threads

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| HPF4                     | 1/8 NPT                   | HPF4-MTM-NPT2-     | 1.37 (34.9)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                      |
| HPF4                     | 1/4 NPT                   | HPF4-MTM-NPT4-     | 1.56 (39.7)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                      |
| HPF4                     | 3/8 NPT                   | HPF4-MTM-NPT6-     | 1.56 (39.7)         | 0.69 (17.5) | 0.08 (2.1) | 15000 (1034)                      |
| HPF4                     | 1/2 NPT                   | HPF4-MTM-NPT8-     | 1.81 (46.0)         | 0.87 (22.2) | 0.08 (2.1) | 15000 (1034)                      |
| HPF4                     | 3/4 NPT                   | HPF4-MTM-NPT12-    | 1.87 (47.6)         | 1.06 (27.0) | 0.08 (2.1) | 10000 (690)                       |
| HPF4                     | 1 NPT                     | HPF4-MTM-NPT16-    | 2.19 (55.6)         | 1.37 (34.9) | 0.08 (2.1) | 10000 (690)                       |
| HPF6                     | 1/8 NPT                   | HPF6-MTM-NPT2-     | 1.69 (42.9)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                      |
| HPF6                     | 1/4 NPT                   | HPF6-MTM-NPT4-     | 1.87 (47.6)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                      |
| HPF6                     | 3/8 NPT                   | HPF6-MTM-NPT6-     | 1.87 (47.6)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                      |
| HPF6                     | 1/2 NPT                   | HPF6-MTM-NPT8-     | 2.06 (52.4)         | 0.87 (22.2) | 0.13 (3.2) | 15000 (1034)                      |
| HPF6                     | 3/4 NPT                   | HPF6-MTM-NPT12-    | 2.13 (54.0)         | 1.06 (27.0) | 0.13 (3.2) | 10000 (690)                       |
| HPF6                     | 1 NPT                     | HPF6-MTM-NPT16-    | 2.44 (61.9)         | 1.37 (34.9) | 0.13 (3.2) | 10000 (690)                       |
| HPF9                     | 1/8 NPT                   | HPF9-MTM-NPT2-     | 2.00 (50.8)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| HPF9                     | 1/4 NPT                   | HPF9-MTM-NPT4-     | 2.13 (54.0)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| HPF9                     | 3/8 NPT                   | HPF9-MTM-NPT6-     | 2.13 (54.0)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| HPF9                     | 1/2 NPT                   | HPF9-MTM-NPT8-     | 2.37 (60.3)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| HPF9                     | 3/4 NPT                   | HPF9-MTM-NPT12-    | 2.37 (60.3)         | 1.19 (30.2) | 0.19 (4.8) | 10000 (690)                       |
| HPF9                     | 1 NPT                     | HPF9-MTM-NPT16-    | 2.63 (66.7)         | 1.37 (34.9) | 0.19 (4.8) | 10000 (690)                       |

## High Pressure Male to Male JIC

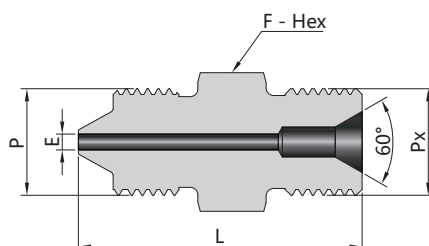


High Pressure Male

Male JIC

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | 1/4 JIC            | HPF4-MTM-AN4-   | 1.56 (39.7)         | 0.63 (15.9) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | 3/8 JIC            | HPF4-MTM-AN6-   | 1.56 (39.7)         | 0.63 (15.9) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | 1/2 JIC            | HPF4-MTM-AN8-   | 1.69 (42.9)         | 0.81 (20.6) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | 5/8 JIC            | HPF4-MTM-AN10-  | 1.81 (46.0)         | 0.94 (23.8) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | 3/4 JIC            | HPF4-MTM-AN12-  | 2.00 (50.8)         | 1.13 (28.6) | 0.08 (2.1) | 15000 (1034)                |
| HPF4              | 1 JIC              | HPF4-MTM-AN16-  | 2.13 (54.0)         | 1.37 (34.9) | 0.08 (2.1) | 15000 (1034)                |
| HPF6              | 1/4 JIC            | HPF6-MTM-AN4-   | 1.81 (46.0)         | 0.81 (20.6) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | 3/8 JIC            | HPF6-MTM-AN6-   | 1.81 (46.0)         | 0.81 (20.6) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | 1/2 JIC            | HPF6-MTM-AN8-   | 1.94 (49.2)         | 0.81 (20.6) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | 5/8 JIC            | HPF6-MTM-AN10-  | 2.06 (52.4)         | 0.94 (23.8) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | 3/4 JIC            | HPF6-MTM-AN12-  | 2.25 (57.2)         | 1.13 (28.6) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 1 JIC              | HPF6-MTM-AN16-  | 2.37 (60.3)         | 1.37 (34.9) | 0.13 (3.2) | 15000 (1034)                |
| HPF9              | 1/4 JIC            | HPF9-MTM-AN4-   | 2.13 (54.0)         | 1.19 (30.2) | 0.17 (4.4) | 20000 (1379)                |
| HPF9              | 3/8 JIC            | HPF9-MTM-AN6-   | 2.13 (54.0)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | 1/2 JIC            | HPF9-MTM-AN8-   | 2.25 (57.2)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | 5/8 JIC            | HPF9-MTM-AN10-  | 2.37 (60.3)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | 3/4 JIC            | HPF9-MTM-AN12-  | 2.44 (61.9)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 1 JIC              | HPF9-MTM-AN16-  | 2.56 (65.0)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |

## High Pressure Male to Type M hose Male



High Pressure Male

Type M hose Male

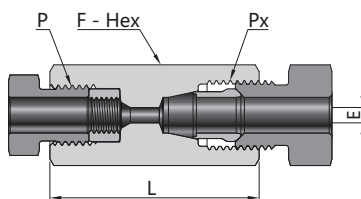
| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | RH9                | HPF4-MTM-RH9-   | 1.46 (37.1)         | 0.63 (15.9) | 0.08 (2.1) | 30000 (2068)                |
| HPF4              | RH12               | HPF4-MTM-RH12-  | 1.63 (41.4)         | 0.75 (19.1) | 0.08 (2.1) | 30000 (2068)                |
| HPF4              | RH14               | HPF4-MTM-RH14-  | 1.83 (46.6)         | 1.00 (25.4) | 0.08 (2.1) | 30000 (2068)                |
| HPF4              | RH16               | HPF4-MTM-RH16-  | 1.72 (43.7)         | 1.00 (25.4) | 0.08 (2.1) | 20000 (1379)                |
| HPF4              | RH21               | HPF4-MTM-RH21-  | 1.84 (46.7)         | 1.37 (34.9) | 0.08 (2.1) | 20000 (1379)                |
| HPF6              | RH9                | HPF6-MTM-RH9-   | 1.77 (44.9)         | 0.81 (20.6) | 0.09 (2.4) | 30000 (2068)                |
| HPF6              | RH12               | HPF6-MTM-RH12-  | 1.90 (48.2)         | 0.81 (20.6) | 0.13 (3.2) | 30000 (2068)                |

## High Pressure Male

## Type M hose Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF6              | RH14               | HPF6-MTM-RH14-  | 2.09 (53.0)         | 1.00 (25.4) | 0.13 (3.2) | 30000 (2068)                |
| HPF6              | RH16               | HPF6-MTM-RH16-  | 1.97 (50.1)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | RH21               | HPF6-MTM-RH21-  | 2.09 (53.1)         | 1.37 (34.9) | 0.13 (3.2) | 20000 (1379)                |
| HPF9              | RH9                | HPF9-MTM-RH9-   | 2.07 (52.6)         | 1.19 (30.2) | 0.09 (2.4) | 30000 (2068)                |
| HPF9              | RH12               | HPF9-MTM-RH12-  | 2.20 (55.9)         | 1.19 (30.2) | 0.19 (4.8) | 30000 (2068)                |
| HPF9              | RH14               | HPF9-MTM-RH14-  | 2.33 (59.1)         | 1.19 (30.2) | 0.15 (3.8) | 30000 (2068)                |
| HPF9              | RH16               | HPF9-MTM-RH16-  | 2.21 (56.2)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | RH21               | HPF9-MTM-RH21-  | 2.26 (57.4)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |

## Medium Pressure Female to Low Pressure Female

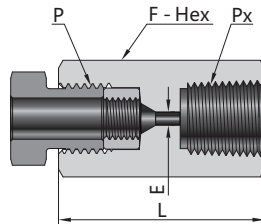


## Medium Pressure Female

## Low Pressure Female

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| MPF4              | LPF2               | MPF4-FTF-LPF2-  | 1.25 (31.8)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| MPF4              | LPF4               | MPF4-FTF-LPF4-  | 1.50 (38.1)         | 0.63 (15.9) | 0.11 (2.8) | 15000 (1034)                |
| MPF4              | LPF6               | MPF4-FTF-LPF6-  | 1.63 (41.3)         | 0.75 (19.1) | 0.11 (2.8) | 15000 (1034)                |
| MPF4              | LPF8               | MPF4-FTF-LPF8-  | 1.75 (44.5)         | 1.00 (25.4) | 0.11 (2.8) | 15000 (1034)                |
| MPF6              | LPF2               | MPF6-FTF-LPF2-  | 1.44 (36.5)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| MPF6              | LPF4               | MPF6-FTF-LPF4-  | 1.69 (42.9)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| MPF6              | LPF6               | MPF6-FTF-LPF6-  | 1.75 (44.5)         | 0.75 (19.1) | 0.20 (5.2) | 15000 (1034)                |
| MPF6              | LPF8               | MPF6-FTF-LPF8-  | 1.87 (47.6)         | 1.00 (25.4) | 0.20 (5.2) | 15000 (1034)                |
| MPF9              | LPF2               | MPF9-FTF-LPF2-  | 1.69 (42.9)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| MPF9              | LPF4               | MPF9-FTF-LPF4-  | 1.87 (47.6)         | 1.00 (25.4) | 0.19 (4.8) | 15000 (1034)                |
| MPF9              | LPF6               | MPF9-FTF-LPF6-  | 1.94 (49.2)         | 1.00 (25.4) | 0.25 (6.4) | 15000 (1034)                |
| MPF9              | LPF8               | MPF9-FTF-LPF8-  | 2.06 (52.4)         | 1.00 (25.4) | 0.31 (7.9) | 15000 (1034)                |
| MPF12             | LPF6               | MPF12-FTF-LPF6- | 2.25 (57.2)         | 1.37 (34.9) | 0.25 (6.4) | 15000 (1034)                |
| MPF12             | LPF8               | MPF12-FTF-LPF8- | 2.25 (57.2)         | 1.37 (34.9) | 0.37 (9.5) | 15000 (1034)                |
| MPF16             | LPF8               | MPF16-FTF-LPF8- | 2.81 (71.4)         | 1.75 (44.5) | 0.37 (9.5) | 15000 (1034)                |

## Medium Pressure Female to Female NPT Thread

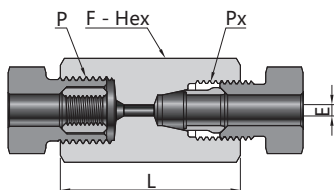


### Medium Pressure Female

### Female NPT Threads

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | 1/8 Female NPT            | MPF4-FTF-FNPT2-    | 1.37 (34.9)         | 0.63 (15.9) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/4 Female NPT            | MPF4-FTF-FNPT4-    | 1.63 (41.3)         | 0.94 (23.8) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 3/8 Female NPT            | MPF4-FTF-FNPT6-    | 1.63 (41.3)         | 1.13 (28.6) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/2 Female NPT            | MPF4-FTF-FNPT8-    | 2.00 (50.8)         | 1.37 (34.9) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF6                     | 1/8 Female NPT            | MPF6-FTF-FNPT2-    | 1.50 (38.1)         | 0.75 (19.1) | 0.20 (5.1)  | 15000 (1034)                      |
| MPF6                     | 1/4 Female NPT            | MPF6-FTF-FNPT4-    | 1.75 (44.5)         | 0.94 (23.8) | 0.20 (5.1)  | 15000 (1034)                      |
| MPF6                     | 3/8 Female NPT            | MPF6-FTF-FNPT6-    | 1.81 (46.0)         | 1.13 (28.6) | 0.20 (5.1)  | 15000 (1034)                      |
| MPF6                     | 1/2 Female NPT            | MPF6-FTF-FNPT8-    | 2.13 (54.0)         | 1.37 (34.9) | 0.20 (5.1)  | 15000 (1034)                      |
| MPF6                     | 3/4 Female NPT            | MPF6-FTF-FNPT12-   | 2.25 (57.2)         | 1.50 (38.1) | 0.20 (5.1)  | 10000 (690)                       |
| MPF9                     | 1/8 Female NPT            | MPF9-FTF-FNPT2-    | 1.63 (41.3)         | 1.00 (25.4) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 1/4 Female NPT            | MPF9-FTF-FNPT4-    | 2.00 (50.8)         | 1.00 (25.4) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 3/8 Female NPT            | MPF9-FTF-FNPT6-    | 2.00 (50.8)         | 1.13 (28.6) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 1/2 Female NPT            | MPF9-FTF-FNPT8-    | 2.25 (57.2)         | 1.37 (34.9) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 3/4 Female NPT            | MPF9-FTF-FNPT12-   | 2.25 (57.2)         | 1.50 (38.1) | 0.31 (7.9)  | 10000 (690)                       |
| MPF9                     | 1 Female NPT              | MPF9-FTF-FNPT16-   | 2.63 (66.7)         | 1.75 (44.5) | 0.31 (7.9)  | 10000 (690)                       |
| MPF12                    | 1/8 Female NPT            | MPF12-FTF-FNPT2-   | 1.75 (44.5)         | 1.37 (34.9) | 0.32 (8.1)  | 15000 (1034)                      |
| MPF12                    | 1/4 Female NPT            | MPF12-FTF-FNPT4-   | 2.00 (50.8)         | 1.37 (34.9) | 0.41 (10.4) | 15000 (1034)                      |
| MPF12                    | 3/8 Female NPT            | MPF12-FTF-FNPT6-   | 2.37 (60.3)         | 1.37 (34.9) | 0.44 (11.1) | 15000 (1034)                      |
| MPF12                    | 1/2 Female NPT            | MPF12-FTF-FNPT8-   | 2.63 (66.7)         | 1.37 (34.9) | 0.44 (11.1) | 15000 (1034)                      |
| MPF12                    | 3/4 Female NPT            | MPF12-FTF-FNPT12-  | 2.63 (66.7)         | 1.50 (38.1) | 0.44 (11.1) | 10000 (690)                       |
| MPF12                    | 1 Female NPT              | MPF12-FTF-FNPT16-  | 2.63 (66.7)         | 1.75 (44.5) | 0.44 (11.1) | 10000 (690)                       |
| MPF16                    | 1/4 Female NPT            | MPF16-FTF-FNPT4-   | 2.37 (60.3)         | 1.75 (44.5) | 0.41 (10.4) | 15000 (1034)                      |
| MPF16                    | 3/8 Female NPT            | MPF16-FTF-FNPT6-   | 2.50 (63.5)         | 1.75 (44.5) | 0.55 (13.9) | 15000 (1034)                      |
| MPF16                    | 1/2 Female NPT            | MPF16-FTF-FNPT8-   | 3.00 (76.2)         | 1.75 (44.5) | 0.56 (14.3) | 15000 (1034)                      |
| MPF16                    | 3/4 Female NPT            | MPF16-FTF-FNPT12-  | 3.00 (76.2)         | 1.75 (44.5) | 0.56 (14.3) | 10000 (690)                       |
| MPF16                    | 1 Female NPT              | MPF16-FTF-FNPT16-  | 3.00 (76.2)         | 1.75 (44.5) | 0.56 (14.3) | 10000 (690)                       |

## High Pressure Female to Low Pressure Female

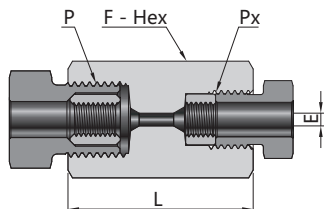


High Pressure Female

Low Pressure Female

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | LPF2               | HPF4-FTF-LPF2-  | 1.19 (30.2)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF4               | HPF4-FTF-LPF4-  | 1.50 (38.1)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF6               | HPF4-FTF-LPF6-  | 1.63 (41.3)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF8               | HPF4-FTF-LPF8-  | 1.75 (44.5)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| HPF6              | LPF2               | HPF6-FTF-LPF2-  | 1.50 (38.1)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| HPF6              | LPF4               | HPF6-FTF-LPF4-  | 1.75 (44.5)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF6               | HPF6-FTF-LPF6-  | 1.81 (46.0)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF8               | HPF6-FTF-LPF8-  | 2.00 (50.8)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF9              | LPF2               | HPF9-FTF-LPF2-  | 1.69 (42.9)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| HPF9              | LPF4               | HPF9-FTF-LPF4-  | 1.87 (47.6)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF6               | HPF9-FTF-LPF6-  | 2.00 (50.8)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF8               | HPF9-FTF-LPF8-  | 2.13 (54.0)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |

## 60 Series Female to 20 Series Female

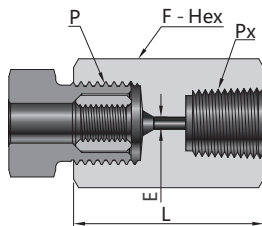


High Pressure Female

Medium Pressure Female

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | MPF4               | HPF4-FTF-MPF4-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF6               | HPF4-FTF-MPF6-  | 1.56 (39.7)         | 0.75 (19.1) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF9               | HPF4-FTF-MPF9-  | 1.81 (46.0)         | 1.00 (25.4) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF12              | HPF4-FTF-MPF12- | 2.06 (52.4)         | 1.37 (34.9) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF16              | HPF4-FTF-MPF16- | 2.56 (65.1)         | 1.75 (44.5) | 0.09 (2.4) | 20000 (1379)                |
| HPF6              | MPF4               | HPF6-FTF-MPF4-  | 1.63 (41.3)         | 1.00 (25.4) | 0.11 (2.8) | 20000 (1379)                |
| HPF6              | MPF6               | HPF6-FTF-MPF6-  | 1.81 (46.0)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF9               | HPF6-FTF-MPF9-  | 2.06 (52.4)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF12              | HPF6-FTF-MPF12- | 2.31 (58.7)         | 1.37 (34.9) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF16              | HPF6-FTF-MPF16- | 2.81 (71.4)         | 1.75 (44.5) | 0.13 (3.2) | 20000 (1379)                |
| HPF9              | MPF4               | HPF9-FTF-MPF4-  | 1.81 (46.0)         | 1.37 (34.9) | 0.11 (2.8) | 20000 (1379)                |
| HPF9              | MPF6               | HPF9-FTF-MPF6-  | 1.94 (49.2)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF9               | HPF9-FTF-MPF9-  | 2.25 (57.2)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF12              | HPF9-FTF-MPF12- | 2.44 (61.9)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF16              | HPF9-FTF-MPF16- | 3.00 (76.2)         | 1.75 (44.5) | 0.19 (4.8) | 20000 (1379)                |

## High Pressure Female to Female NPT Thread

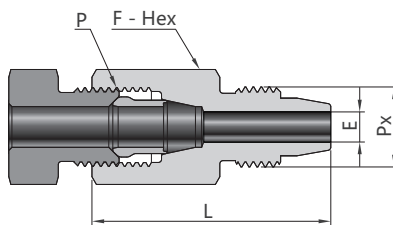


### High Pressure Female

### Female NPT Threads

| P-Connection Type | PX-Connection Type | Ordering Number  | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|------------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                  | L                   | F           | E          |                             |
| HPF4              | 1/8 Female NPT     | HPF4-FTF-FNPT2-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 1/4 Female NPT     | HPF4-FTF-FNPT4-  | 1.63 (41.3)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 3/8 Female NPT     | HPF4-FTF-FNPT6-  | 1.63 (41.3)         | 1.13 (28.6) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 1/2 Female NPT     | HPF4-FTF-FNPT8-  | 2.00 (50.8)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 3/4 Female NPT     | HPF4-FTF-FNPT12- | 2.00 (50.8)         | 1.50 (38.1) | 0.09 (2.4) | 10000 (690)                 |
| HPF4              | 1 Female NPT       | HPF4-FTF-FNPT16- | 2.37 (60.3)         | 1.75 (44.5) | 0.09 (2.4) | 10000 (690)                 |
| HPF6              | 1/8 Female NPT     | HPF6-FTF-FNPT2-  | 1.63 (41.3)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 1/4 Female NPT     | HPF6-FTF-FNPT4-  | 1.87 (47.6)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 3/8 Female NPT     | HPF6-FTF-FNPT6-  | 1.87 (47.6)         | 1.13 (28.6) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 1/2 Female NPT     | HPF6-FTF-FNPT8-  | 2.13 (54.0)         | 1.37 (34.9) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 3/4 Female NPT     | HPF6-FTF-FNPT12- | 2.13 (54.0)         | 1.50 (38.1) | 0.13 (3.2) | 10000 (690)                 |
| HPF6              | 1 Female NPT       | HPF6-FTF-FNPT16- | 2.25 (57.2)         | 1.75 (44.5) | 0.13 (3.2) | 10000 (690)                 |
| HPF9              | 1/8 Female NPT     | HPF9-FTF-FNPT2-  | 1.81 (46.0)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 1/4 Female NPT     | HPF9-FTF-FNPT4-  | 2.00 (50.8)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 3/8 Female NPT     | HPF9-FTF-FNPT6-  | 2.00 (50.8)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 1/2 Female NPT     | HPF9-FTF-FNPT8-  | 2.37 (60.3)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 3/4 Female NPT     | HPF9-FTF-FNPT12- | 2.37 (60.3)         | 1.50 (38.1) | 0.19 (4.8) | 10000 (690)                 |
| HPF9              | 1 Female NPT       | HPF9-FTF-FNPT16- | 2.50 (63.5)         | 1.75 (44.5) | 0.19 (4.8) | 10000 (690)                 |

## Low Pressure Female to Low Pressure Male



### Low Pressure Female

### Low Pressure Male

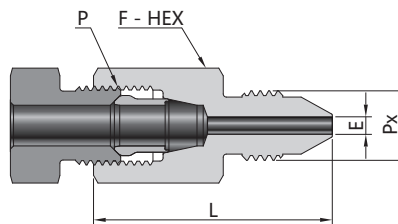
| P Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | LPF2               | LPF2-FTM-LPF2-  | 1.06 (27.0)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | LPF4               | LPF2-FTM-LPF4-  | 1.13 (28.6)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | LPF6               | LPF2-FTM-LPF6-  | 1.13 (28.6)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | LPF8               | LPF2-FTM-LPF8-  | 1.31 (33.3)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |

**Low Pressure Female**

**Low Pressure Male**

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF4              | LPF2               | LPF4-FTM-LPF2-  | 1.44 (36.5)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | LPF4               | LPF4-FTM-LPF4-  | 1.50 (38.1)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | LPF6               | LPF4-FTM-LPF6-  | 1.50 (38.1)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | LPF8               | LPF4-FTM-LPF8-  | 1.50 (38.1)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | LPF2               | LPF6-FTM-LPF2-  | 1.56 (39.7)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF6              | LPF4               | LPF6-FTM-LPF4-  | 1.69 (42.9)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | LPF6               | LPF6-FTM-LPF6-  | 1.69 (42.9)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | LPF8               | LPF6-FTM-LPF8-  | 1.63 (41.3)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | LPF2               | LPF8-FTM-LPF2-  | 1.63 (41.3)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| LPF8              | LPF4               | LPF8-FTM-LPF4-  | 1.75 (44.5)         | 1.00 (25.4) | 0.19 (4.8) | 15000 (1034)                |
| LPF8              | LPF6               | LPF8-FTM-LPF6-  | 1.81 (46.0)         | 1.00 (25.4) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | LPF8               | LPF8-FTM-LPF8-  | 1.81 (46.0)         | 1.00 (25.4) | 0.37 (9.5) | 15000 (1034)                |

**Low Pressure Female to Medium Pressure Male**

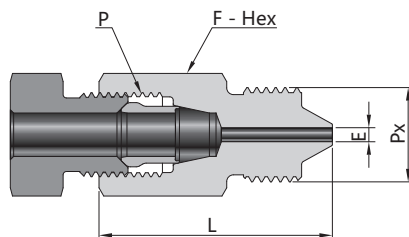


**Low Pressure Female**

**Medium Pressure Male**

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | MPF4               | LPF2-FTM-MPF4-  | 1.19 (30.2)         | 0.50 (12.7) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | MPF6               | LPF2-FTM-MPF6-  | 1.25 (31.8)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | MPF9               | LPF2-FTM-MPF9-  | 1.50 (38.1)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | MPF12              | LPF2-FTM-MPF12- | 1.75 (44.5)         | 1.19 (30.2) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | MPF16              | LPF2-FTM-MPF16- | 2.37 (60.3)         | 1.50 (38.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | MPF4               | LPF4-FTM-MPF4-  | 1.50 (38.1)         | 0.63 (15.9) | 0.11 (2.8) | 15000 (1034)                |
| LPF4              | MPF6               | LPF4-FTM-MPF6-  | 1.63 (41.3)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | MPF9               | LPF4-FTM-MPF9-  | 1.56 (39.7)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | MPF12              | LPF4-FTM-MPF12- | 1.75 (44.5)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | MPF16              | LPF4-FTM-MPF16- | 2.37 (60.3)         | 1.50 (38.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | MPF4               | LPF6-FTM-MPF4-  | 1.69 (42.9)         | 0.75 (19.1) | 0.11 (2.8) | 15000 (1034)                |
| LPF6              | MPF6               | LPF6-FTM-MPF6-  | 1.75 (44.5)         | 0.75 (19.1) | 0.20 (5.2) | 15000 (1034)                |
| LPF6              | MPF9               | LPF6-FTM-MPF9-  | 1.81 (46.0)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | MPF12              | LPF6-FTM-MPF12- | 1.87 (47.6)         | 1.19 (30.2) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | MPF16              | LPF6-FTM-MPF16- | 2.37 (60.3)         | 1.50 (38.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | MPF4               | LPF8-FTM-MPF4-  | 1.75 (44.5)         | 1.00 (25.4) | 0.11 (2.8) | 15000 (1034)                |
| LPF8              | MPF6               | LPF8-FTM-MPF6-  | 1.94 (49.2)         | 1.00 (25.4) | 0.20 (5.2) | 15000 (1034)                |
| LPF8              | MPF9               | LPF8-FTM-MPF9-  | 2.06 (52.4)         | 1.00 (25.4) | 0.31 (7.9) | 15000 (1034)                |
| LPF8              | MPF12              | LPF8-FTM-MPF12- | 2.06 (52.4)         | 1.19 (30.2) | 0.37 (9.5) | 15000 (1034)                |
| LPF8              | MPF16              | LPF8-FTM-MPF16- | 2.50 (63.5)         | 1.50 (38.1) | 0.37 (9.5) | 15000 (1034)                |

## Low Pressure Female to High Pressure Male

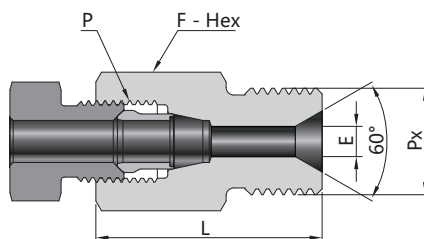


Low Pressure Female

High Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | HPF4               | LPF2-FTM-HPF4-  | 1.06 (27.0)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                |
| LPF2              | HPF6               | LPF2-FTM-HPF6-  | 1.31 (33.3)         | 0.81 (20.6) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | HPF9               | LPF2-FTM-HPF9-  | 1.63 (41.3)         | 1.19 (30.2) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | HPF4               | LPF4-FTM-HPF4-  | 1.37 (34.9)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                |
| LPF4              | HPF6               | LPF4-FTM-HPF6-  | 1.56 (39.7)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                |
| LPF4              | HPF9               | LPF4-FTM-HPF9-  | 1.63 (41.3)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| LPF6              | HPF4               | LPF6-FTM-HPF4-  | 1.56 (39.7)         | 0.75 (19.1) | 0.08 (2.1) | 15000 (1034)                |
| LPF6              | HPF6               | LPF6-FTM-HPF6-  | 1.75 (44.5)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                |
| LPF6              | HPF9               | LPF6-FTM-HPF9-  | 1.63 (41.3)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |
| LPF8              | HPF4               | LPF8-FTM-HPF4-  | 1.69 (42.9)         | 1.00 (25.4) | 0.08 (2.1) | 15000 (1034)                |
| LPF8              | HPF6               | LPF8-FTM-HPF6-  | 1.87 (47.6)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| LPF8              | HPF9               | LPF8-FTM-HPF9-  | 1.87 (47.6)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                |

## Low Pressure Female to Type M hose Male

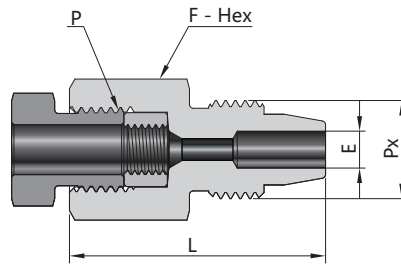


Low Pressure Female

Type M hose Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| LPF2              | RH9                | LPF2-FTM-RH9-   | 1.06 (27.0)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF2              | RH12               | LPF2-FTM-RH12-  | 1.13 (28.6)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | RH9                | LPF4-FTM-RH9-   | 1.37 (34.9)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| LPF4              | RH12               | LPF4-FTM-RH12-  | 1.44 (36.5)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                |
| LPF4              | RH14               | LPF4-FTM-RH14-  | 1.63 (41.3)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF6              | RH9                | LPF6-FTM-RH9-   | 1.50 (38.1)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| LPF6              | RH12               | LPF6-FTM-RH12-  | 1.63 (41.3)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| LPF6              | RH14               | LPF6-FTM-RH14-  | 1.75 (44.5)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF6              | RH16               | LPF6-FTM-RH16-  | 1.63 (41.3)         | 1.00 (25.4) | 0.25 (6.4) | 15000 (1034)                |
| LPF8              | RH9                | LPF8-FTM-RH9-   | 1.63 (41.3)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| LPF8              | RH12               | LPF8-FTM-RH12-  | 1.63 (41.3)         | 1.00 (25.4) | 0.29 (7.4) | 15000 (1034)                |
| LPF8              | RH14               | LPF8-FTM-RH14-  | 1.81 (46.1)         | 1.00 (25.4) | 0.15 (3.8) | 15000 (1034)                |
| LPF8              | RH16               | LPF8-FTM-RH16-  | 1.75 (44.5)         | 1.00 (25.4) | 0.37 (9.5) | 15000 (1034)                |
| LPF8              | RH21               | LPF8-FTM-RH21-  | 1.75 (44.5)         | 1.37 (34.9) | 0.37 (9.5) | 15000 (1034)                |

## Medium Pressure Female to Low Pressure Male

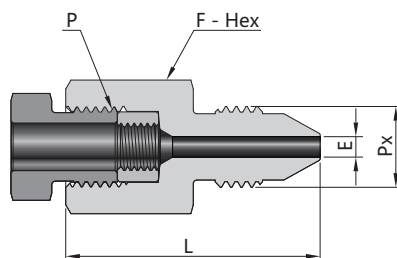


### Medium Pressure Female

### Low Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| MPF4                     | LPF2                      | MPF4-FTM-LPF2-     | 1.19 (30.2)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                      |
| MPF4                     | LPF4                      | MPF4-FTM-LPF4-     | 1.31 (33.3)         | 0.63 (15.9) | 0.11 (2.8) | 15000 (1034)                      |
| MPF4                     | LPF6                      | MPF4-FTM-LPF6-     | 1.37 (34.9)         | 0.75 (19.1) | 0.11 (2.8) | 15000 (1034)                      |
| MPF4                     | LPF8                      | MPF4-FTM-LPF8-     | 1.31 (33.3)         | 0.94 (23.8) | 0.11 (2.8) | 15000 (1034)                      |
| MPF6                     | LPF2                      | MPF6-FTM-LPF2-     | 1.50 (38.1)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                      |
| MPF6                     | LPF4                      | MPF6-FTM-LPF4-     | 1.50 (38.1)         | 0.75 (19.1) | 0.19 (4.8) | 15000 (1034)                      |
| MPF6                     | LPF6                      | MPF6-FTM-LPF6-     | 1.56 (39.7)         | 0.75 (19.1) | 0.20 (5.2) | 15000 (1034)                      |
| MPF6                     | LPF8                      | MPF6-FTM-LPF8-     | 1.56 (39.7)         | 0.94 (23.8) | 0.20 (5.2) | 15000 (1034)                      |
| MPF9                     | LPF2                      | MPF9-FTM-LPF2-     | 1.75 (44.5)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                      |
| MPF9                     | LPF4                      | MPF9-FTM-LPF4-     | 1.87 (47.6)         | 1.00 (25.4) | 0.19 (4.8) | 15000 (1034)                      |
| MPF9                     | LPF6                      | MPF9-FTM-LPF6-     | 1.94 (49.2)         | 1.00 (25.4) | 0.25 (6.4) | 15000 (1034)                      |
| MPF9                     | LPF8                      | MPF9-FTM-LPF8-     | 1.87 (47.6)         | 1.00 (25.4) | 0.31 (7.9) | 15000 (1034)                      |
| MPF12                    | LPF2                      | MPF12-FTM-LPF2-    | 2.06 (52.4)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                      |
| MPF12                    | LPF4                      | MPF12-FTM-LPF4-    | 2.19 (55.6)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                      |
| MPF12                    | LPF6                      | MPF12-FTM-LPF6-    | 2.19 (55.6)         | 1.37 (34.9) | 0.25 (6.4) | 15000 (1034)                      |
| MPF12                    | LPF8                      | MPF12-FTM-LPF8-    | 2.25 (57.2)         | 1.37 (34.9) | 0.37 (7.9) | 15000 (1034)                      |
| MPF16                    | LPF2                      | MPF16-FTM-LPF2-    | 2.63 (66.7)         | 1.75 (44.5) | 0.09 (2.4) | 15000 (1034)                      |
| MPF16                    | LPF4                      | MPF16-FTM-LPF4-    | 2.75 (69.9)         | 1.75 (44.5) | 0.19 (4.8) | 15000 (1034)                      |
| MPF16                    | LPF6                      | MPF16-FTM-LPF6-    | 2.81 (71.4)         | 1.75 (44.5) | 0.25 (6.4) | 15000 (1034)                      |
| MPF16                    | LPF8                      | MPF16-FTM-LPF8-    | 2.81 (71.4)         | 1.75 (44.5) | 0.37 (9.5) | 15000 (1034)                      |

## Medium Pressure Female to Medium Pressure Male

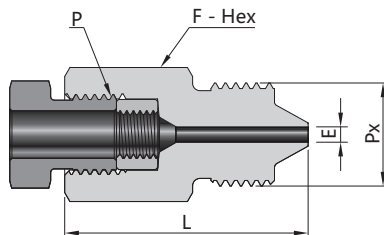


### Medium Pressure Female

### Medium Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | MPF4                      | MPF4-FTM-MPF4-     | 1.37 (34.9)         | 0.63 (15.9) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | MPF6                      | MPF4-FTM-MPF6-     | 1.50 (38.1)         | 0.63 (15.9) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | MPF9                      | MPF4-FTM-MPF9-     | 1.63 (41.3)         | 0.94 (23.8) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | MPF12                     | MPF4-FTM-MPF12-    | 1.75 (44.5)         | 1.19 (30.2) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | MPF16                     | MPF4-FTM-MPF16-    | 2.37 (60.3)         | 1.50 (38.1) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF6                     | MPF4                      | MPF6-FTM-MPF4-     | 1.69 (42.9)         | 0.75 (19.1) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF6                     | MPF6                      | MPF6-FTM-MPF6-     | 1.69 (42.9)         | 0.75 (19.1) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | MPF9                      | MPF6-FTM-MPF9-     | 1.87 (47.6)         | 0.94 (23.8) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | MPF12                     | MPF6-FTM-MPF12-    | 1.94 (49.2)         | 1.19 (30.2) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF6                     | MPF16                     | MPF6-FTM-MPF16-    | 2.37 (60.3)         | 1.50 (38.1) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF9                     | MPF4                      | MPF9-FTM-MPF4-     | 1.94 (49.2)         | 1.00 (25.4) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF9                     | MPF6                      | MPF9-FTM-MPF6-     | 2.06 (52.4)         | 1.00 (25.4) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF9                     | MPF9                      | MPF9-FTM-MPF9-     | 2.13 (54.0)         | 1.00 (25.4) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | MPF12                     | MPF9-FTM-MPF12-    | 2.25 (57.2)         | 1.19 (30.2) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | MPF16                     | MPF9-FTM-MPF16-    | 2.50 (63.5)         | 1.50 (38.1) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF12                    | MPF4                      | MPF12-FTM-MPF4-    | 2.19 (55.6)         | 1.37 (34.9) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF12                    | MPF6                      | MPF12-FTM-MPF6-    | 2.31 (58.7)         | 1.37 (34.9) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF12                    | MPF9                      | MPF12-FTM-MPF9-    | 2.44 (61.9)         | 1.37 (34.9) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF12                    | MPF12                     | MPF12-FTM-MPF12-   | 2.56 (65.1)         | 1.37 (34.9) | 0.44 (11.1) | 20000 (1379)                      |
| MPF12                    | MPF16                     | MPF12-FTM-MPF16-   | 2.94 (74.6)         | 1.50 (38.1) | 0.44 (11.1) | 20000 (1379)                      |
| MPF16                    | MPF9                      | MPF16-FTM-MPF9-    | 3.06 (77.8)         | 1.75 (44.5) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF16                    | MPF12                     | MPF16-FTM-MPF12-   | 3.19 (81.0)         | 1.75 (44.5) | 0.44 (11.1) | 20000 (1379)                      |
| MPF16                    | MPF16                     | MPF16-FTM-MPF16-   | 3.50 (88.9)         | 1.75 (44.5) | 0.56 (14.3) | 20000 (1379)                      |

## Medium Pressure Female to High Pressure Male

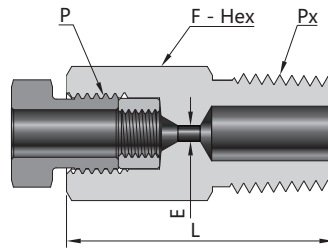


### Medium Pressure Female

### High Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| MPF4                     | HPF4                      | MPF4-FTM-HPF4-     | 1.31 (33.3)         | 0.63 (15.9) | 0.08 (2.1) | 20000 (1379)                      |
| MPF4                     | HPF6                      | MPF4-FTM-HPF6-     | 1.50 (38.1)         | 0.81 (20.6) | 0.11 (2.8) | 20000 (1379)                      |
| MPF4                     | HPF9                      | MPF4-FTM-HPF9-     | 1.63 (41.3)         | 1.19 (30.2) | 0.11 (2.8) | 20000 (1379)                      |
| MPF6                     | HPF4                      | MPF6-FTM-HPF4-     | 1.50 (38.1)         | 0.75 (19.1) | 0.08 (2.1) | 20000 (1379)                      |
| MPF6                     | HPF6                      | MPF6-FTM-HPF6-     | 1.69 (42.9)         | 0.81 (20.6) | 0.13 (3.2) | 20000 (1379)                      |
| MPF6                     | HPF9                      | MPF6-FTM-HPF9-     | 1.75 (44.5)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                      |
| MPF9                     | HPF4                      | MPF9-FTM-HPF4-     | 1.81 (46.0)         | 1.00 (25.4) | 0.08 (2.1) | 20000 (1379)                      |
| MPF9                     | HPF6                      | MPF9-FTM-HPF6-     | 2.13 (54.0)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                      |
| MPF9                     | HPF9                      | MPF9-FTM-HPF9-     | 2.13 (54.0)         | 1.19 (30.2) | 0.19 (4.8) | 20000 (1379)                      |
| MPF12                    | HPF4                      | MPF12-FTM-HPF4-    | 2.25 (57.2)         | 1.37 (34.9) | 0.08 (2.1) | 20000 (1379)                      |
| MPF12                    | HPF6                      | MPF12-FTM-HPF6-    | 2.50 (63.5)         | 1.37 (34.9) | 0.13 (3.2) | 20000 (1379)                      |
| MPF12                    | HPF9                      | MPF12-FTM-HPF9-    | 2.50 (63.5)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                      |
| MPF16                    | HPF4                      | MPF16-FTM-HPF4-    | 2.94 (74.6)         | 1.75 (44.5) | 0.08 (2.1) | 20000 (1379)                      |
| MPF16                    | HPF6                      | MPF16-FTM-HPF6-    | 3.13 (79.4)         | 1.75 (44.5) | 0.13 (3.2) | 20000 (1379)                      |
| MPF16                    | HPF9                      | MPF16-FTM-HPF9-    | 3.19 (81.0)         | 1.75 (44.5) | 0.19 (4.8) | 20000 (1379)                      |

## Medium Pressure Female to Male NPT Thread

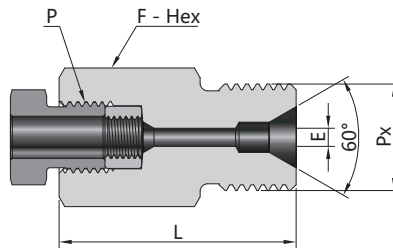


### Medium Pressure Female

### Male NPT Thread

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | 1/8 Male NPT              | MPF4-FTM-NPT2-     | 1.19 (30.2)         | 0.63 (15.9) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/4 Male NPT              | MPF4-FTM-NPT4-     | 1.37 (34.9)         | 0.63 (15.9) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 3/8 Male NPT              | MPF4-FTM-NPT6-     | 1.37 (34.9)         | 0.69 (17.5) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 1/2 Male NPT              | MPF4-FTM-NPT8-     | 1.37 (34.9)         | 0.87 (22.2) | 0.11 (2.8)  | 15000 (1034)                      |
| MPF4                     | 3/4 Male NPT              | MPF4-FTM-NPT12-    | 1.75 (44.5)         | 1.06 (27.0) | 0.11 (2.8)  | 10000 ( 690 )                     |
| MPF6                     | 1/8 Male NPT              | MPF6-FTM-NPT2-     | 1.37 (34.9)         | 0.75 (19.1) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF6                     | 1/4 Male NPT              | MPF6-FTM-NPT4-     | 1.50 (38.1)         | 0.75 (19.1) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 3/8 Male NPT              | MPF6-FTM-NPT6-     | 1.50 (38.1)         | 0.75 (19.1) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 1/2 Male NPT              | MPF6-FTM-NPT8-     | 1.63 (41.3)         | 0.87 (22.2) | 0.20 (5.2)  | 15000 (1034)                      |
| MPF6                     | 3/4 Male NPT              | MPF6-FTM-NPT12-    | 1.75 (44.5)         | 1.06 (27.0) | 0.20 (5.2)  | 10000 (690)                       |
| MPF6                     | 1 Male NPT                | MPF6-FTM-NPT16-    | 2.00 (50.8)         | 1.37 (34.9) | 0.20 (5.2)  | 10000 (690)                       |
| MPF9                     | 1/8 Male NPT              | MPF9-FTM-NPT2-     | 1.75 (44.5)         | 1.00 (25.4) | 0.19 (4.8)  | 15000 (1034)                      |
| MPF9                     | 1/4 Male NPT              | MPF9-FTM-NPT4-     | 1.75 (44.5)         | 1.00 (25.4) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF9                     | 3/8 Male NPT              | MPF9-FTM-NPT6-     | 1.75 (44.5)         | 1.00 (25.4) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 1/2 Male NPT              | MPF9-FTM-NPT8-     | 1.94 (49.2)         | 1.00 (25.4) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF9                     | 3/4 Male NPT              | MPF9-FTM-NPT12-    | 2.00 (50.8)         | 1.06 (27.0) | 0.31 (7.9)  | 10000 (690)                       |
| MPF9                     | 1 Male NPT                | MPF9-FTM-NPT16-    | 2.25 (57.2)         | 1.37 (34.9) | 0.31 (7.9)  | 10000 (690)                       |
| MPF12                    | 1/4 Male NPT              | MPF12-FTM-NPT4-    | 2.00 (50.8)         | 1.37 (34.9) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF12                    | 3/8 Male NPT              | MPF12-FTM-NPT6-    | 2.00 (50.8)         | 1.37 (34.9) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF12                    | 1/2 Male NPT              | MPF12-FTM-NPT8-    | 2.19 (55.6)         | 1.37 (34.9) | 0.38 (9.6)  | 15000 (1034)                      |
| MPF12                    | 3/4 Male NPT              | MPF12-FTM-NPT12-   | 2.25 (57.2)         | 1.37 (34.9) | 0.44 (11.1) | 10000 (690)                       |
| MPF12                    | 1 Male NPT                | MPF12-FTM-NPT16-   | 2.63 (66.7)         | 1.37 (34.9) | 0.44 (11.1) | 10000 (690)                       |
| MPF16                    | 1/4 Male NPT              | MPF16-FTM-NPT4-    | 2.87 (73.0)         | 1.75 (44.5) | 0.25 (6.4)  | 15000 (1034)                      |
| MPF16                    | 3/8 Male NPT              | MPF16-FTM-NPT6-    | 2.87 (73.0)         | 1.75 (44.5) | 0.31 (7.9)  | 15000 (1034)                      |
| MPF16                    | 1/2 Male NPT              | MPF16-FTM-NPT8-    | 2.87 (73.0)         | 1.75 (44.5) | 0.38 (9.6)  | 15000 (1034)                      |
| MPF16                    | 3/4 Male NPT              | MPF16-FTM-NPT12-   | 2.87 (73.0)         | 1.75 (44.5) | 0.56 (14.3) | 10000 (690)                       |
| MPF16                    | 1 Male NPT                | MPF16-FTM-NPT16-   | 3.06 (77.8)         | 1.75 (44.5) | 0.56 (14.3) | 10000 (690)                       |

## Medium Pressure Female to Type M hose Male

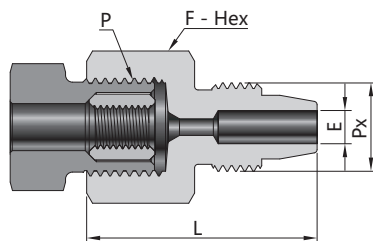


### Medium Pressure Female

### Type M hose Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| MPF4                     | RH9                       | MPF4-FTM-RH9-      | 1.19 (30.2)         | 0.63 (15.9) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF4                     | RH12                      | MPF4-FTM-RH12-     | 1.31 (33.3)         | 0.75 (19.1) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF4                     | RH14                      | MPF4-FTM-RH14-     | 1.50 (38.1)         | 1.00 (25.4) | 0.11 (2.8)  | 20000 (1379)                      |
| MPF6                     | RH9                       | MPF6-FTM-RH9-      | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF6                     | RH12                      | MPF6-FTM-RH12-     | 1.50 (38.1)         | 0.75 (19.1) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF6                     | RH14                      | MPF6-FTM-RH14-     | 1.63 (41.3)         | 1.00 (25.4) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF6                     | RH16                      | MPF6-FTM-RH16-     | 1.63 (41.3)         | 1.00 (25.4) | 0.20 (5.2)  | 20000 (1379)                      |
| MPF9                     | RH9                       | MPF9-FTM-RH9-      | 1.69 (42.9)         | 1.00 (25.4) | 0.09 (2.4)  | 20000 (1379)                      |
| MPF9                     | RH12                      | MPF9-FTM-RH12-     | 1.81 (46.0)         | 1.00 (25.4) | 0.29 (7.4)  | 20000 (1379)                      |
| MPF9                     | RH14                      | MPF9-FTM-RH14-     | 1.94 (49.2)         | 1.00 (25.4) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF9                     | RH16                      | MPF9-FTM-RH16-     | 1.81 (46.0)         | 1.00 (25.4) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF9                     | RH21                      | MPF9-FTM-RH21-     | 1.81 (46.0)         | 1.37 (34.9) | 0.31 (7.9)  | 20000 (1379)                      |
| MPF12                    | RH14                      | MPF12-FTM-RH12-    | 2.19 (55.6)         | 1.37 (34.9) | 0.15 (3.8)  | 20000 (1379)                      |
| MPF12                    | RH16                      | MPF12-FTM-RH14-    | 2.13 (54.0)         | 1.37 (34.9) | 0.39 (10.0) | 20000 (1379)                      |
| MPF12                    | RH21                      | MPF12-FTM-RH16-    | 2.00 (50.8)         | 1.37 (34.9) | 0.44 (11.1) | 20000 (1379)                      |
| MPF16                    | RH21                      | MPF12-FTM-RH21-    | 2.56 (65.1)         | 1.75 (44.5) | 0.56 (14.3) | 20000 (1379)                      |

## High Pressure Female to Low Pressure Male

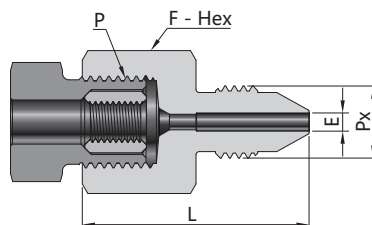


High Pressure Female

Low Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | LPF2               | HPF4-FTM-LPF2-  | 1.19 (30.2)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF4               | HPF4-FTM-LPF4-  | 1.31 (33.3)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF6               | HPF4-FTM-LPF6-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | LPF8               | HPF4-FTM-LPF8-  | 1.37 (34.9)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| HPF6              | LPF2               | HPF6-FTM-LPF2-  | 1.44 (36.5)         | 1.00 (25.4) | 0.09 (2.4) | 15000 (1034)                |
| HPF6              | LPF4               | HPF6-FTM-LPF4-  | 1.56 (39.7)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF6               | HPF6-FTM-LPF6-  | 1.63 (41.3)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | LPF8               | HPF6-FTM-LPF8-  | 1.69 (42.9)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF9              | LPF2               | HPF9-FTM-LPF2-  | 1.75 (44.5)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| HPF9              | LPF4               | HPF9-FTM-LPF4-  | 1.75 (44.5)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF6               | HPF9-FTM-LPF6-  | 1.81 (46.0)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | LPF8               | HPF9-FTM-LPF8-  | 1.87 (47.6)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |

## High Pressure Female to Medium Pressure Male

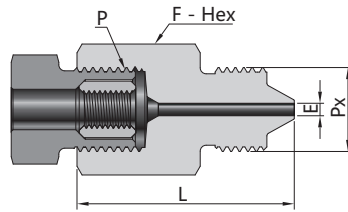


High Pressure Female

Medium Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | MPF4               | HPF4-FTM-MPF4-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF6               | HPF4-FTM-MPF6-  | 1.50 (38.1)         | 0.75 (19.1) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF9               | HPF4-FTM-MPF9-  | 1.69 (42.9)         | 0.94 (23.8) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF12              | HPF4-FTM-MPF12- | 1.75 (44.5)         | 1.19 (30.2) | 0.09 (2.4) | 20000 (1379)                |
| HPF4              | MPF16              | HPF4-FTM-MPF16- | 2.37 (60.3)         | 1.50 (38.1) | 0.09 (2.4) | 20000 (1379)                |
| HPF6              | MPF4               | HPF6-FTM-MPF4-  | 1.67 (42.3)         | 1.00 (25.4) | 0.11 (2.8) | 20000 (1379)                |
| HPF6              | MPF6               | HPF6-FTM-MPF6-  | 1.81 (46.0)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF9               | HPF6-FTM-MPF9-  | 1.94 (49.2)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF12              | HPF6-FTM-MPF12- | 2.13 (54.0)         | 1.19 (30.2) | 0.13 (3.2) | 20000 (1379)                |
| HPF6              | MPF16              | HPF6-FTM-MPF16- | 2.50 (63.5)         | 1.50 (38.1) | 0.13 (3.2) | 20000 (1379)                |
| HPF9              | MPF4               | HPF9-FTM-MPF4-  | 1.87 (47.6)         | 1.37 (34.9) | 0.11 (2.8) | 20000 (1379)                |
| HPF9              | MPF6               | HPF9-FTM-MPF6-  | 2.00 (50.8)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF9               | HPF9-FTM-MPF9-  | 2.19 (55.6)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF12              | HPF9-FTM-MPF12- | 2.37 (60.3)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                |
| HPF9              | MPF16              | HPF9-FTM-MPF16- | 2.81 (71.4)         | 1.50 (38.1) | 0.19 (4.8) | 20000 (1379)                |

## High Pressure Female to High Pressure Male

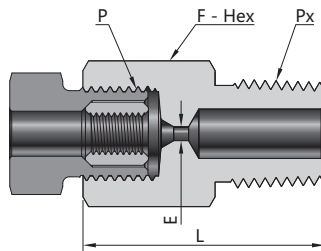


High Pressure Female

High Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | HPF4               | HPF4-FTM-HPF4-  | 1.44 (36.5)         | 0.75 (19.1) | 0.08 (2.1) | 60000 (4137)                |
| HPF4              | HPF6               | HPF4-FTM-HPF6-  | 1.69 (42.9)         | 0.81 (20.6) | 0.09 (2.4) | 60000 (4137)                |
| HPF4              | HPF9               | HPF4-FTM-HPF9-  | 1.75 (44.5)         | 1.19 (30.2) | 0.09 (2.4) | 60000 (4137)                |
| HPF6              | HPF4               | HPF6-FTM-HPF4-  | 1.75 (44.5)         | 1.00 (25.4) | 0.08 (2.1) | 60000 (4137)                |
| HPF6              | HPF6               | HPF6-FTM-HPF6-  | 2.00 (50.8)         | 1.00 (25.4) | 0.13 (3.2) | 60000 (4137)                |
| HPF6              | HPF9               | HPF6-FTM-HPF9-  | 2.13 (54.0)         | 1.19 (30.2) | 0.13 (3.2) | 60000 (4137)                |
| HPF9              | HPF4               | HPF9-FTM-HPF4-  | 2.06 (52.4)         | 1.37 (34.9) | 0.08 (2.1) | 60000 (4137)                |
| HPF9              | HPF6               | HPF9-FTM-HPF6-  | 2.37 (60.3)         | 1.37 (34.9) | 0.13 (3.2) | 60000 (4137)                |
| HPF9              | HPF9               | HPF9-FTM-HPF9-  | 2.50 (63.5)         | 1.37 (34.9) | 0.19 (4.8) | 60000 (4137)                |

## High Pressure Female to Male NPT Thread

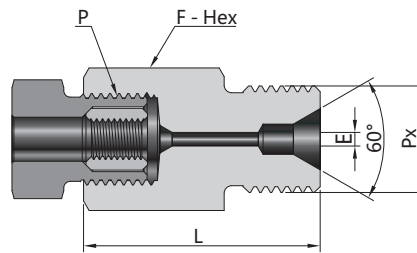


High Pressure Female

Male NPT Threads

| P-Connection Type | PX-Connection Type | Ordering Number | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|-----------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                 | L                   | F           | E          |                             |
| HPF4              | 1/8 Male NPT       | HPF4-FTM-NPT2-  | 1.25 (31.8)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 1/4 Male NPT       | HPF4-FTM-NPT4-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 3/8 Male NPT       | HPF4-FTM-NPT6-  | 1.37 (34.9)         | 0.75 (19.1) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 1/2 Male NPT       | HPF4-FTM-NPT8-  | 1.50 (38.1)         | 0.87 (22.2) | 0.09 (2.4) | 15000 (1034)                |
| HPF4              | 3/4 Male NPT       | HPF4-FTM-NPT12- | 1.75 (44.5)         | 1.06 (27.0) | 0.09 (2.4) | 10000 (690)                 |
| HPF6              | 1/8 Male NPT       | HPF6-FTM-NPT2-  | 1.50 (38.1)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 1/4 Male NPT       | HPF6-FTM-NPT4-  | 1.63 (41.3)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 3/8 Male NPT       | HPF6-FTM-NPT6-  | 1.63 (41.3)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 1/2 Male NPT       | HPF6-FTM-NPT8-  | 1.75 (44.5)         | 1.00 (25.4) | 0.13 (3.2) | 15000 (1034)                |
| HPF6              | 3/4 Male NPT       | HPF6-FTM-NPT12- | 2.00 (50.8)         | 1.06 (27.0) | 0.13 (3.2) | 10000 (690)                 |
| HPF6              | 1 Male NPT         | HPF6-FTM-NPT16- | 2.00 (50.8)         | 1.37 (34.9) | 0.13 (3.2) | 10000 (690)                 |
| HPF9              | 1/8 Male NPT       | HPF9-FTM-NPT2-  | 1.63 (41.3)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 1/4 Male NPT       | HPF9-FTM-NPT4-  | 1.75 (44.5)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 3/8 Male NPT       | HPF9-FTM-NPT6-  | 1.75 (44.5)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 1/2 Male NPT       | HPF9-FTM-NPT8-  | 1.87 (47.6)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| HPF9              | 3/4 Male NPT       | HPF9-FTM-NPT12- | 2.13 (54.0)         | 1.37 (34.9) | 0.19 (4.8) | 10000 (690)                 |
| HPF9              | 1 Male NPT         | HPF9-FTM-NPT16- | 2.25 (57.2)         | 1.37 (34.9) | 0.19 (4.8) | 10000 (690)                 |

## High Pressure Female to Type M hose Male

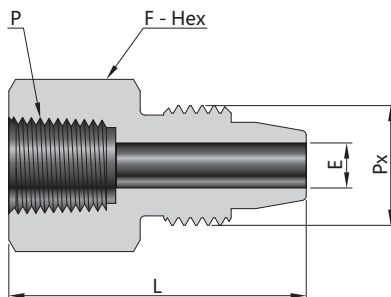


### High Pressure Female

### Type M hose Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| HPF4                     | RH9                       | HPF4-FTM-RH9-      | 1.25 (31.8)         | 0.75 (19.1) | 0.09 (2.4) | 30000 (2068)                      |
| HPF4                     | RH12                      | HPF4-FTM-RH12-     | 1.38 (35.0)         | 0.75 (19.1) | 0.09 (2.4) | 30000 (2068)                      |
| HPF4                     | RH14                      | HPF4-FTM-RH14-     | 1.56 (39.7)         | 1.00 (25.4) | 0.09 (2.4) | 30000 (2068)                      |
| HPF4                     | RH16                      | HPF4-FTM-RH16-     | 1.37 (34.9)         | 1.00 (25.4) | 0.09 (2.4) | 20000 (1379)                      |
| HPF6                     | RH9                       | HPF6-FTM-RH9-      | 1.50 (38.1)         | 1.00 (25.4) | 0.09 (2.4) | 30000 (2068)                      |
| HPF6                     | RH12                      | HPF6-FTM-RH12-     | 1.63 (41.3)         | 1.00 (25.4) | 0.13 (3.2) | 30000 (2068)                      |
| HPF6                     | RH14                      | HPF6-FTM-RH14-     | 1.81 (46.0)         | 1.00 (25.4) | 0.13 (3.2) | 30000 (2068)                      |
| HPF6                     | RH16                      | HPF6-FTM-RH16-     | 1.64 (41.6)         | 1.00 (25.4) | 0.13 (3.2) | 20000 (1379)                      |
| HPF6                     | RH21                      | HPF6-FTM-RH21-     | 1.56 (39.7)         | 1.37 (34.9) | 0.13 (3.2) | 20000 (1379)                      |
| HPF9                     | RH14                      | HPF9-FTM-RH14-     | 2.00 (50.8)         | 1.37 (34.9) | 0.15 (3.8) | 30000 (2068)                      |
| HPF9                     | RH16                      | HPF9-FTM-RH16-     | 1.81 (46.0)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                      |
| HPF9                     | RH21                      | HPF9-FTM-RH21-     | 1.81 (46.0)         | 1.37 (34.9) | 0.19 (4.8) | 20000 (1379)                      |

## Female NPT Threads to Low Pressure Male

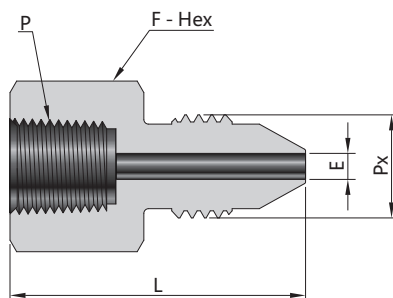


### Female NPT Threads

### Low Pressure Male

| P-Connection Type | PX-Connection Type | Ordering Number  | Dimension, in. (mm) |             |            | Working Pressure psig (bar) |
|-------------------|--------------------|------------------|---------------------|-------------|------------|-----------------------------|
|                   |                    |                  | L                   | F           | E          |                             |
| 1/8 Female NPT    | LPF2               | FNPT2-FTM-LPF2-  | 1.13 (28.6)         | 0.63 (15.9) | 0.09 (2.4) | 15000 (1034)                |
| 1/8 Female NPT    | LPF4               | FNPT2-FTM-LPF4-  | 1.25 (31.7)         | 0.63 (15.9) | 0.19 (4.8) | 15000 (1034)                |
| 1/8 Female NPT    | LPF6               | FNPT2-FTM-LPF6-  | 1.31 (33.3)         | 0.75 (19.1) | 0.25 (6.4) | 15000 (1034)                |
| 1/8 Female NPT    | LPF8               | FNPT2-FTM-LPF8-  | 1.31 (33.3)         | 0.94 (23.8) | 0.37 (9.5) | 15000 (1034)                |
| 1/4 Female NPT    | LPF2               | FNPT4-FTM-LPF2-  | 1.31 (33.3)         | 0.94 (23.8) | 0.09 (2.4) | 15000 (1034)                |
| 1/4 Female NPT    | LPF4               | FNPT4-FTM-LPF4-  | 1.50 (38.1)         | 0.94 (23.8) | 0.19 (4.8) | 15000 (1034)                |
| 1/4 Female NPT    | LPF6               | FNPT4-FTM-LPF6-  | 1.56 (39.7)         | 0.94 (23.8) | 0.25 (6.4) | 15000 (1034)                |
| 1/4 Female NPT    | LPF8               | FNPT4-FTM-LPF8-  | 1.56 (39.7)         | 0.94 (23.8) | 0.37 (9.5) | 15000 (1034)                |
| 3/8 Female NPT    | LPF2               | FNPT6-FTM-LPF2-  | 1.44 (36.5)         | 1.13 (28.6) | 0.09 (2.4) | 15000 (1034)                |
| 3/8 Female NPT    | LPF4               | FNPT6-FTM-LPF4-  | 1.56 (39.7)         | 1.13 (28.6) | 0.19 (4.8) | 15000 (1034)                |
| 3/8 Female NPT    | LPF6               | FNPT6-FTM-LPF6-  | 1.63 (41.3)         | 1.13 (28.6) | 0.25 (6.4) | 15000 (1034)                |
| 3/8 Female NPT    | LPF8               | FNPT6-FTM-LPF8-  | 1.69 (42.9)         | 1.13 (28.6) | 0.37 (9.5) | 15000 (1034)                |
| 1/2 Female NPT    | LPF2               | FNPT8-FTM-LPF2-  | 1.63 (41.3)         | 1.37 (34.9) | 0.09 (2.4) | 15000 (1034)                |
| 1/2 Female NPT    | LPF4               | FNPT8-FTM-LPF4-  | 1.75 (44.5)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                |
| 1/2 Female NPT    | LPF6               | FNPT8-FTM-LPF6-  | 1.87 (47.6)         | 1.37 (34.9) | 0.25 (6.4) | 15000 (1034)                |
| 1/2 Female NPT    | LPF8               | FNPT8-FTM-LPF8-  | 1.87 (47.6)         | 1.37 (34.9) | 0.37 (9.5) | 15000 (1034)                |
| 3/4 Female NPT    | LPF2               | FNPT12-FTM-LPF2- | 1.69 (42.9)         | 1.50 (38.1) | 0.09 (2.4) | 10000 (690)                 |
| 3/4 Female NPT    | LPF4               | FNPT12-FTM-LPF4- | 1.87 (47.6)         | 1.50 (38.1) | 0.19 (4.8) | 10000 (690)                 |
| 3/4 Female NPT    | LPF6               | FNPT12-FTM-LPF6- | 1.94 (49.2)         | 1.50 (38.1) | 0.25 (6.4) | 10000 (690)                 |
| 3/4 Female NPT    | LPF8               | FNPT12-FTM-LPF8- | 1.94 (49.2)         | 1.50 (38.1) | 0.37 (9.5) | 10000 (690)                 |
| 1 Female NPT      | LPF2               | FNPT16-FTM-LPF2- | 2.00 (50.8)         | 1.75 (44.5) | 0.09 (2.4) | 10000 (690)                 |
| 1 Female NPT      | LPF4               | FNPT16-FTM-LPF4- | 2.13 (54.0)         | 1.75 (44.5) | 0.19 (4.8) | 10000 (690)                 |
| 1 Female NPT      | LPF6               | FNPT16-FTM-LPF6- | 2.19 (55.6)         | 1.75 (44.5) | 0.25 (6.4) | 10000 (690)                 |
| 1 Female NPT      | LPF8               | FNPT16-FTM-LPF8- | 2.19 (55.6)         | 1.75 (44.5) | 0.37 (9.5) | 10000 (690)                 |

## Female NPT Threads to Medium Pressure Male 20 Series Male

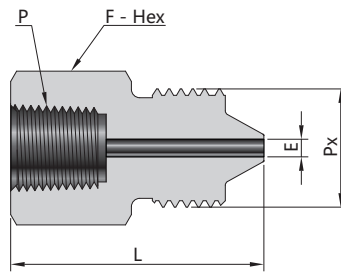


### Female NPT Threads

### Medium Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |             | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|-------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E           |                                   |
| 1/8 Female NPT           | MPF4                      | FNPT2-FTM-MPF4-    | 1.25 (31.8)         | 0.63 (15.9) | 0.11 (2.8)  | 15000 (1034)                      |
| 1/8 Female NPT           | MPF6                      | FNPT2-FTM-MPF6-    | 1.37 (34.9)         | 0.63 (15.9) | 0.20 (5.2)  | 15000 (1034)                      |
| 1/8 Female NPT           | MPF9                      | FNPT2-FTM-MPF9-    | 1.50 (38.1)         | 0.94 (23.8) | 0.31 (7.9)  | 15000 (1034)                      |
| 1/8 Female NPT           | MPF12                     | FNPT2-FTM-MPF12-   | 1.75 (44.5)         | 1.19 (30.2) | 0.31 (7.9)  | 15000 (1034)                      |
| 1/8 Female NPT           | MPF16                     | FNPT2-FTM-MPF16-   | 2.37 (60.3)         | 1.50 (38.1) | 0.31 (7.9)  | 15000 (1034)                      |
| 1/4 Female NPT           | MPF4                      | FNPT4-FTM-MPF4-    | 1.44 (36.5)         | 0.94 (23.8) | 0.11 (2.8)  | 15000 (1034)                      |
| 1/4 Female NPT           | MPF6                      | FNPT4-FTM-MPF6-    | 1.63 (41.3)         | 0.94 (23.8) | 0.20 (5.2)  | 15000 (1034)                      |
| 1/4 Female NPT           | MPF9                      | FNPT4-FTM-MPF9-    | 1.75 (44.5)         | 0.94 (23.8) | 0.31 (7.9)  | 15000 (1034)                      |
| 1/4 Female NPT           | MPF12                     | FNPT4-FTM-MPF12-   | 1.87 (47.6)         | 1.19 (30.2) | 0.41 (10.4) | 15000 (1034)                      |
| 1/4 Female NPT           | MPF16                     | FNPT4-FTM-MPF16-   | 2.37 (60.3)         | 1.50 (38.1) | 0.41 (10.4) | 15000 (1034)                      |
| 3/8 Female NPT           | MPF4                      | FNPT6-FTM-MPF4-    | 1.50 (38.1)         | 1.13 (28.6) | 0.11 (2.8)  | 15000 (1034)                      |
| 3/8 Female NPT           | MPF6                      | FNPT6-FTM-MPF6-    | 1.69 (42.9)         | 1.13 (28.6) | 0.20 (5.2)  | 15000 (1034)                      |
| 3/8 Female NPT           | MPF9                      | FNPT6-FTM-MPF9-    | 1.81 (46.0)         | 1.13 (28.6) | 0.31 (7.9)  | 15000 (1034)                      |
| 3/8 Female NPT           | MPF12                     | FNPT6-FTM-MPF12-   | 2.00 (50.8)         | 1.19 (30.2) | 0.44 (11.1) | 15000 (1034)                      |
| 3/8 Female NPT           | MPF16                     | FNPT6-FTM-MPF16-   | 2.37 (60.3)         | 1.50 (38.1) | 0.56 (14.3) | 15000 (1034)                      |
| 1/2 Female NPT           | MPF4                      | FNPT8-FTM-MPF4-    | 1.75 (44.5)         | 1.37 (34.9) | 0.11 (2.8)  | 15000 (1034)                      |
| 1/2 Female NPT           | MPF6                      | FNPT8-FTM-MPF6-    | 1.87 (47.6)         | 1.37 (34.9) | 0.20 (5.2)  | 15000 (1034)                      |
| 1/2 Female NPT           | MPF9                      | FNPT8-FTM-MPF9-    | 2.06 (52.4)         | 1.37 (34.9) | 0.31 (7.9)  | 15000 (1034)                      |
| 1/2 Female NPT           | MPF12                     | FNPT8-FTM-MPF12-   | 2.19 (55.6)         | 1.37 (34.9) | 0.44 (11.1) | 15000 (1034)                      |
| 1/2 Female NPT           | MPF16                     | FNPT8-FTM-MPF16-   | 2.56 (65.1)         | 1.50 (38.1) | 0.56 (14.3) | 15000 (1034)                      |
| 3/4 Female NPT           | MPF4                      | FNPT12-FTM-MPF4-   | 1.81 (46.0)         | 1.50 (38.1) | 0.11 (2.8)  | 10000 (690)                       |
| 3/4 Female NPT           | MPF6                      | FNPT12-FTM-MPF6-   | 1.94 (49.2)         | 1.50 (38.1) | 0.20 (5.2)  | 10000 (690)                       |
| 3/4 Female NPT           | MPF9                      | FNPT12-FTM-MPF9-   | 2.13 (54.0)         | 1.50 (38.1) | 0.31 (7.9)  | 10000 (690)                       |
| 3/4 Female NPT           | MPF12                     | FNPT12-FTM-MPF12-  | 2.31 (58.7)         | 1.50 (38.1) | 0.44 (11.1) | 10000 (690)                       |
| 3/4 Female NPT           | MPF16                     | FNPT12-FTM-MPF16-  | 2.75 (69.9)         | 1.50 (38.1) | 0.56 (14.3) | 10000 (690)                       |
| 1 Female NPT             | MPF4                      | FNPT16-FTM-MPF4-   | 2.06 (52.4)         | 1.75 (44.5) | 0.11 (2.8)  | 10000 (690)                       |
| 1 Female NPT             | MPF6                      | FNPT16-FTM-MPF6-   | 2.19 (55.6)         | 1.75 (44.5) | 0.20 (5.2)  | 10000 (690)                       |
| 1 Female NPT             | MPF9                      | FNPT16-FTM-MPF9-   | 2.44 (61.9)         | 1.75 (44.5) | 0.31 (7.9)  | 10000 (690)                       |
| 1 Female NPT             | MPF12                     | FNPT16-FTM-MPF12-  | 2.56 (63.5)         | 1.75 (44.5) | 0.44 (11.1) | 10000 (690)                       |
| 1 Female NPT             | MPF16                     | FNPT16-FTM-MPF16-  | 3.06 (77.8)         | 1.75 (44.5) | 0.56 (14.3) | 10000 (690)                       |

## Female NPT Threads to High Pressure Male



### Female NPT Threads

### High Pressure Male

| P-<br>Connection<br>Type | PX-<br>Connection<br>Type | Ordering<br>Number | Dimension, in. (mm) |             |            | Working<br>Pressure<br>psig (bar) |
|--------------------------|---------------------------|--------------------|---------------------|-------------|------------|-----------------------------------|
|                          |                           |                    | L                   | F           | E          |                                   |
| 1/8 Female NPT           | HPF4                      | FNPT2-FTM-HPF4-    | 1.19 (30.2)         | 0.63 (15.9) | 0.08 (2.1) | 15000 (1034)                      |
| 1/8 Female NPT           | HPF6                      | FNPT2-FTM-HPF6-    | 1.37 (34.9)         | 0.81 (20.6) | 0.13 (3.2) | 15000 (1034)                      |
| 1/8 Female NPT           | HPF9                      | FNPT2-FTM-HPF9-    | 1.63 (41.3)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| 1/4 Female NPT           | HPF4                      | FNPT4-FTM-HPF4-    | 1.37 (34.9)         | 0.94 (23.8) | 0.08 (2.1) | 15000 (1034)                      |
| 1/4 Female NPT           | HPF6                      | FNPT4-FTM-HPF6-    | 1.63 (41.3)         | 0.94 (23.8) | 0.13 (3.2) | 15000 (1034)                      |
| 1/4 Female NPT           | HPF9                      | FNPT4-FTM-HPF9-    | 1.75 (44.5)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| 3/8 Female NPT           | HPF4                      | FNPT6-FTM-HPF4-    | 1.44 (36.5)         | 1.13 (28.6) | 0.08 (2.1) | 15000 (1034)                      |
| 3/8 Female NPT           | HPF6                      | FNPT6-FTM-HPF6-    | 1.69 (42.9)         | 1.13 (28.6) | 0.13 (3.2) | 15000 (1034)                      |
| 3/8 Female NPT           | HPF9                      | FNPT6-FTM-HPF9-    | 1.81 (46.0)         | 1.19 (30.2) | 0.19 (4.8) | 15000 (1034)                      |
| 1/2 Female NPT           | HPF4                      | FNPT8-FTM-HPF4-    | 1.69 (42.9)         | 1.37 (34.9) | 0.08 (2.1) | 15000 (1034)                      |
| 1/2 Female NPT           | HPF6                      | FNPT8-FTM-HPF6-    | 1.94 (49.2)         | 1.37 (34.9) | 0.13 (3.2) | 15000 (1034)                      |
| 1/2 Female NPT           | HPF9                      | FNPT8-FTM-HPF9-    | 2.13 (54.0)         | 1.37 (34.9) | 0.19 (4.8) | 15000 (1034)                      |
| 3/4 Female NPT           | HPF4                      | FNPT12-FTM-HPF4-   | 1.75 (44.5)         | 1.50 (38.1) | 0.08 (2.1) | 10000 (690)                       |
| 3/4 Female NPT           | HPF6                      | FNPT12-FTM-HPF6-   | 2.00 (50.8)         | 1.50 (38.1) | 0.13 (3.2) | 10000 (690)                       |
| 3/4 Female NPT           | HPF9                      | FNPT12-FTM-HPF9-   | 2.19 (55.6)         | 1.50 (38.1) | 0.19 (4.8) | 10000 (690)                       |
| 1 Female NPT             | HPF4                      | FNPT16-FTM-HPF4-   | 2.00 (50.8)         | 1.75 (44.5) | 0.08 (2.1) | 10000 (690)                       |
| 1 Female NPT             | HPF6                      | FNPT16-FTM-HPF6-   | 2.25 (57.2)         | 1.75 (44.5) | 0.13 (3.2) | 10000 (690)                       |
| 1 Female NPT             | HPF9                      | FNPT16-FTM-HPF9-   | 2.44 (61.9)         | 1.75 (44.5) | 0.19 (4.8) | 10000 (690)                       |

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