

FEATURES

- Hydro tested
- Various combinations
- Optional exotic materials

APPLICATION

- General Purpose

Pressure Line Fittings

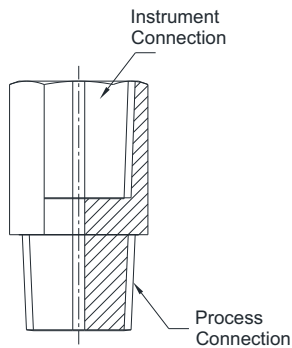


STANDARD SPECIFICATIONS

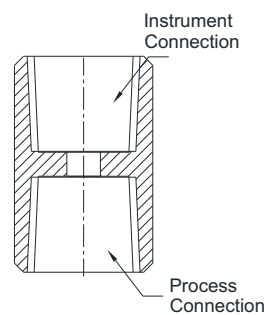
Type	:	Pattern 1 (Male x Female)
Material	:	AISI 316 SS
Instrument connection	:	1/2" NPT (F) / 1/2" BSP (F)
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING

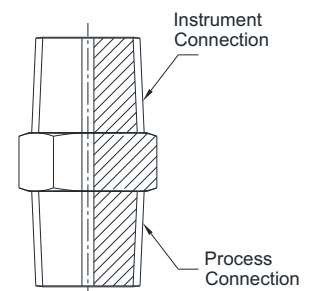
Pattern 1



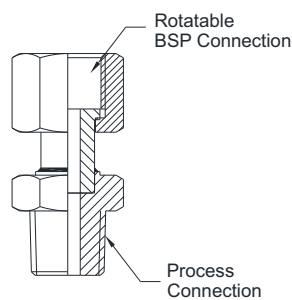
Pattern 2



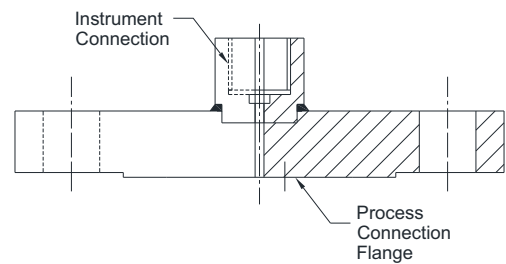
Pattern 3



Pattern 4

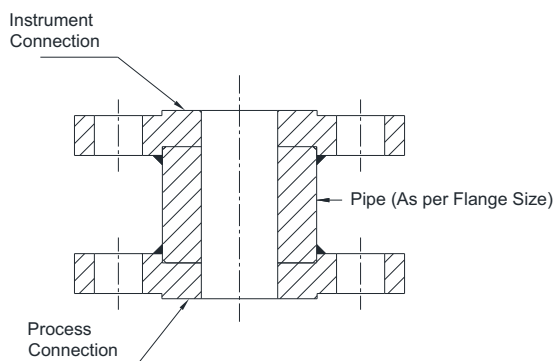


Pattern 5

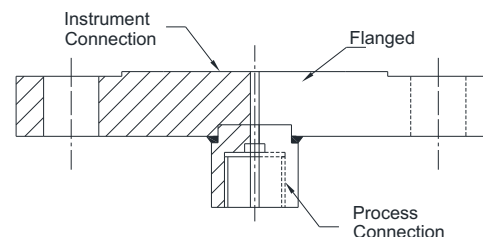


DIMENSIONAL DRAWING

Pattern 6



Pattern 7



ORDERING CODES

1. TYPE

- 1 Pattern 1 (Male x Female)
- 2 Pattern 2 (Female x Female)
- 3 Pattern 3 (Male X Male)
- 4 Pattern 4 (Fixed X Swivel)
- 5 Pattern 5 (Threaded X Flanged)
- 6 Pattern 6 (Flanged X Flanged)
- 7 Pattern 7 (Flanged X Threaded)

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2. MATERIAL

- | | |
|-----------------------|---------------------------|
| MF AISI 316 SS | MG AISI 316L SS |
| MM Monel | MO Hastelloy C-276 |

MF

3. INSTRUMENT CONNECTION

- | | |
|--|-------------------------|
| 12B 1/4" BSP (M) | 13B 3/8" BSP (M) |
| 14B 1/2" BSP (M) | 12N 1/4" NPT (M) |
| 13N 3/8" NPT (M) | 14N 1/2" NPT (M) |
| 14M M20x1.5 mm (M) | |
| 02B 1/4" BSP (F) | 03B 3/8" BSP (F) |
| 04B 1/2" BSP (F) | 02N 1/4" NPT (F) |
| 03N 3/8" NPT (F) | 04N 1/2" NPT (F) |
| 04M M20x1.5 mm (F) | |
| A31 2" RF 150# as per ANSI B 16.5 | |
| A43 3" RF 150# as per ANSI B 16.5 | |
| A49 4" RF 150# as per ANSI B 16.5 | |
| A32 2" RF 300# as per ANSI B 16.5 | |
| A44 3" RF 300# as per ANSI B 16.5 | |
| A50 4" RF 300# as per ANSI B 16.5 | |

04N

4. PROCESS CONNECTION

- | | |
|--|-------------------------|
| 12B 1/4" BSP (M) | 13B 3/8" BSP (M) |
| 14B 1/2" BSP (M) | 12N 1/4" NPT (M) |
| 13N 3/8" NPT (M) | 14N 1/2" NPT (M) |
| 14M M20x1.5 mm (M) | |
| 02B 1/4" BSP (F) | 03B 3/8" BSP (F) |
| 04B 1/2" BSP (F) | 02N 1/4" NPT (F) |
| 03N 3/8" NPT (F) | 04N 1/2" NPT (F) |
| 04M M20x1.5 mm (F) | |
| A31 2" RF 150# as per ANSI B 16.5 | |
| A43 3" RF 150# as per ANSI B 16.5 | |
| A49 4" RF 150# as per ANSI B 16.5 | |
| A32 2" RF 300# as per ANSI B 16.5 | |
| A44 3" RF 300# as per ANSI B 16.5 | |
| A50 4" RF 300# as per ANSI B 16.5 | |

14N

5. OTHER OPTIONS

- TC** Material test certificate 3.1
- TM** Material test certificate 2.2
- TN** Tested to NACE standards
- TO** Certification for Oxygen service
- XM** Marking by engraving
- XL** Marking by laser
- HY** Teflon washer
- HZ** Copper washer

XM

Ordering Example : A304-1-MF-04N-14N-XM

NOTES:

- 1. Washer sizes are as per the selected thread sizes.