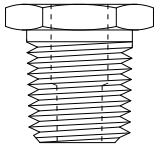


Hydraulic Fittings

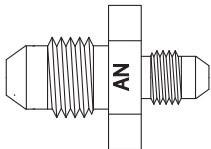
Adapters, One Size to Another



AN912
Pipe To Pipe
Bushing

AN912, Pipe to Pipe, Bushing

| Male Pipe Size | Female Pipe Size | MATERIAL | | |
|-------------------|---------------------|----------|-------|-----------|
| | | ALUMINUM | BRASS | STAINLESS |
| 1/4 | 1/8 | - 1D | - 1 | - 1J |
| 3/8 | 1/4 | - 2D | - 2 | - 2J |
| 3/8 | 1/8 | - 3D | - 3 | - 3J |
| 1/2 | 3/8 | - 4D | - 4 | - 4J |
| 1/2 | 1/4 | - 5D | - 5 | - 5J |
| 1/2 | 1/8 | - 6D | - 6 | - 6J |
| 3/4 | 1/2 | - 7D | - 7 | - 7J |
| 3/4 | 3/8 | - 8D | - 8 | - 8J |
| 3/4 | 1/4 | - 9D | - 9 | - 9J |
| 1" | 3/4 | - 10D | - 10 | - 10J |
| 1" | 1/2 | - 11D | - 11 | - 11J |
| 1" | 3/8 | - 12D | - 12 | - 12J |
| 1+1/4 | 3/4 | - 13D | - 13 | - 13J |

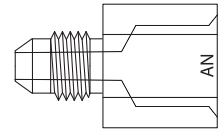


AN919
Male To Male
37 Degree Flare

AN919, Male to Male, 37 Degree Flare

| TUBE SIZE | TUBE SIZE | MATERIAL | | |
|--------------|--------------|----------|-------|-----------|
| | | ALUMINUM | STEEL | STAINLESS |
| 3/16 | 1/8 | - 0D | - 0 | - 0J |
| 1/4 | 1/8 | - 1D | - 1 | - 1J |
| 1/4 | 3/16 | - 2D | - 2 | - 2J |
| 5/16 | 1/4 | - 3D | - 3 | - 3J |
| 3/8 | 1/8 | - 4D | - 4 | - 4J |
| 3/8 | 3/16 | - 5D | - 5 | - 5J |
| 3/8 | 1/4 | - 6D | - 6 | - 6J |
| 3/8 | 5/16 | - 7D | - 7 | - 7J |
| 1/2 | 1/8 | - 8D | - 8 | - 8J |
| 1/2 | 3/16 | - 9D | - 9 | - 9J |
| 1/2 | 1/4 | - 10D | - 10 | - 10J |
| 1/2 | 5/16 | - 11D | - 11 | - 11J |
| 1/2 | 3/8 | - 12D | - 12 | - 12J |
| 5/8 | 1/4 | - 13D | - 13 | - 13J |
| 5/8 | 3/8 | - 14D | - 14 | - 14J |
| 5/8 | 1/2 | - 15D | - 15 | - 15J |
| 3/4 | 1/4 | - 16D | - 16 | - 16J |
| 3/4 | 5/16 | - 17D | - 17 | - 17J |
| 3/4 | 3/8 | - 18D | - 18 | - 18J |
| 3/4 | 1/2 | - 19D | - 19 | - 19J |
| 3/4 | 5/8 | - 20D | - 20 | - 20J |
| 1" | 1/4 | - 21D | - 21 | - 21J |
| 1" | 5/8 | - 22D | - 22 | - 22J |
| 1" | 3/4 | - 23D | - 23 | - 23J |

AN894
Female Straight
To Male 37 Degree



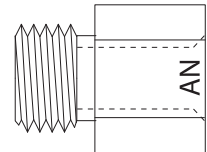
AN894, Female Straight to Male 37 Degree

Female portion to be sealed with boss O-ring or metal gasket.

| FEMALE TUBE SIZE | MALE TUBE SIZE | MATERIAL | | |
|---------------------|-------------------|----------|-------|-----------|
| | | ALUMINUM | STEEL | STAINLESS |
| 3/16 | 1/8 | D3-2 | - 3-2 | J3-2 |
| 1/4 | 1/8 | D4-2 | - 4-2 | J4-2 |
| 1/4 | 3/16 | D4-3 | - 4-3 | J4-3 |
| 5/16 | 1/4 | D5-4 | - 5-4 | J5-4 |
| 3/8 | 1/4 | D6-4 | - 6-4 | J6-4 |
| 3/8 | 5/16 | D6-5 | - 6-5 | J6-5 |
| 1/2 | 1/4 | D8-4 | - 8-4 | J8-4 |
| 1/2 | 5/16 | D8-5 | - 8-5 | J8-5 |
| 1/2 | 3/8 | D8-6 | - 8-6 | J8-6 |

Larger sizes of this part number are available. CALL US!

AN893
Female Straight
To Male Straight



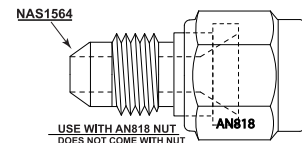
AN893, Female Straight to Male Straight

Both portions to be sealed with boss O-ring or metal gasket.

| Female Tube Size | Male Tube Size | MATERIAL | | |
|---------------------|-------------------|----------|-------|-----------|
| | | ALUMINUM | STEEL | STAINLESS |
| 1/4 | 5/16 | - 1D | - 1 | - 1J |
| 1/4 | 3/8 | - 2D | - 2 | - 2J |
| 1/4 | 1/2 | - 3D | - 3 | - 3J |
| 1/4 | 5/8 | - 31D | - 31 | - 31J |
| 5/16 | 3/8 | - 7D | - 7 | - 7J |
| 5/16 | 1/2 | - 8D | - 8 | - 8J |
| 5/16 | 5/8 | - 81D | - 81 | - 81J |
| 3/8 | 1/2 | - 12D | - 12 | - 12J |
| 3/8 | 5/8 | - 121D | - 121 | - 121J |
| 3/8 | 3/4 | - 13D | - 13 | - 13J |

Other sizes of this part number are available. CALL US!

NAS1564
Female 37 Degree
To Male 37 Degree



NAS1564, Female 37 Degree to Male 37 Degree

Use with AN818 nut of same size and material as female tube size.

| Female Tube Size | Male Tube Size | MATERIAL | | |
|---------------------|-------------------|----------|--------|-----------|
| | | ALUMINUM | STEEL | STAINLESS |
| 3/8 | 1/4 | - 6-4D | - 6-4 | - 6-4J |
| 1/2 | 1/4 | - 8-4D | - 8-4 | - 8-4J |
| 1/2 | 3/8 | - 8-6D | - 8-6 | - 8-6J |
| 5/8 | 3/8 | - 10-6D | - 10-6 | - 10-6J |
| 3/4 | 1/2 | - 12-8D | - 12-8 | - 12-8J |

Other sizes of this part number are available. CALL US!