



Dualos LLC  
PO Box 24088  
Federal Way, WA 98093  
[www.dualos.com](http://www.dualos.com)

253-838-9263

## High Performance Hydraulic Interface Components



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#### PART NUMBER

NEO 601F-P-04  
NEO 601F-P-05  
NEO 601F-P-06  
NEO 601F-P-08  
NEO 601F-P-10  
NEO 601F-P-12  
NEO 601F-P-16  
NEO 601F-P-20

#### PART NUMBER

NEO 601B-P-04  
NEO 601B-P-06  
NEO 601B-P-08  
NEO 601B-P-10  
NEO 601B-P-12  
NEO 601B-P-16  
NEO 601B-P-20



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#### PART NUMBER

NEO 605F-P-04  
NEO 605F-P-06  
NEO 605F-P-08  
NEO 605F-P-10  
NEO 605F-P-12  
NEO 605F-P-16  
NEO 605F-P-20

#### PART NUMBER

NEO 605B-P-04  
NEO 605B-P-06  
NEO 605B-P-08  
NEO 605B-P-10  
NEO 605B-P-12  
NEO 605B-P-16  
NEO 605B-P-20



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**PART NUMBER**  
NEO 901F-P-04  
NEO 901F-P-06  
NEO 901F-P-08  
NEO 901F-P-12  
NEO 901F-P-16  
NEO 901F-P-20



**PART NUMBER**  
NEO 905F-P-04  
NEO 905F-P-06  
NEO 905F-P-08  
NEO 905F-P-12  
NEO 905F-P-16  
NEO 905F-P-20



**PART NUMBER**  
NEO 001F-P-04  
NEO 001F-P-06  
NEO 001F-P-08  
NEO 001F-P-12  
NEO 001F-P-16  
NEO 001F-P-20



**PART NUMBER**  
NEO 005F-P-04  
NEO 005F-P-06  
NEO 005F-P-08  
NEO 005F-P-12  
NEO 005F-P-16  
NEO 005F-P-20

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**PART NUMBER**  
NEO 921F-A-04  
NEO 921F-A-06  
NEO 921F-A-08  
NEO 921F-A-10  
NEO 921F-A-12  
NEO 921F-A-16  
NEO 921F-A-20



**PART NUMBER**  
NEO 021F-A-04  
NEO 021F-A-06  
NEO 021F-A-08  
NEO 021F-A-10  
NEO 021F-A-12  
NEO 021F-A-16  
NEO 021F-A-20

NEO 925F-A-04  
NEO 925F-A-06  
NEO 925F-A-08  
NEO 925F-A-10  
NEO 925F-A-12  
NEO 925F-A-16  
NEO 925F-A-20

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#### PART NUMBER

NEO 601C-P-04  
NEO 601C-P-06  
NEO 601C-P-08  
NEO 601C-P-10  
NEO 601C-P-12  
NEO 601C-P-16  
NEO 601C-P-20

#### PART NUMBER

NEO 801F-P-04  
NEO 801F-P-06  
NEO 801F-P-08  
NEO 801F-P-10  
NEO 801F-P-12  
NEO 801F-P-16  
NEO 801F-P-20



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#### PART NUMBER

NEO 605C-P-04  
NEO 605C-P-06  
NEO 605C-P-08  
NEO 605C-P-10  
NEO 605C-P-12  
NEO 605C-P-16  
NEO 605C-P-20

#### PART NUMBER

NEO 805F-P-04  
NEO 805F-P-06  
NEO 805F-P-08  
NEO 805F-P-10  
NEO 805F-P-12  
NEO 805F-P-16  
NEO 805F-P-20



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#### PART NUMBER

NEO 719F-P-06  
NEO 720F-P-06  
NEO 723F-P-08  
NEO 724F-P-16  
NEO 725F-P-08  
NEO 727F-P-08  
NEO 728F-P-06  
NEO 729F-P-10

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#### PART NUMBER

NEO 801B-P-04  
NEO 801B-P-06  
NEO 801B-P-08  
NEO 801B-P-10  
NEO 801B-P-12  
NEO 801B-P-16  
NEO 801B-P-20

#### PART NUMBER

NEO 801C-P-04  
NEO 801C-P-06  
NEO 801C-P-08  
NEO 801C-P-10  
NEO 801C-P-12  
NEO 801C-P-16  
NEO 801C-P-20



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#### PART NUMBER

NEO 805B-P-04  
NEO 805B-P-06  
NEO 805B-P-08  
NEO 805B-P-10  
NEO 805B-P-12  
NEO 805B-P-16  
NEO 805B-P-20

#### PART NUMBER

NEO 805C-P-04  
NEO 805C-P-06  
NEO 805C-P-08  
NEO 805C-P-10  
NEO 805C-P-12  
NEO 805C-P-16  
NEO 805C-P-20



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**PART NUMBER**  
NEO 941F-A-08  
NEO 941F-A-10  
NEO 941F-A-12  
NEO 941F-A-16  
NEO 941F-A-20  
NEO 941F-A-24  
NEO 941F-A-28  
NEO 941F-A-32  
NEO 941F-A-48

**PART NUMBER**  
NEO 943F-A-08  
NEO 943F-A-10  
NEO 943F-A-12  
NEO 943F-A-16  
NEO 943F-A-20  
NEO 943F-A-24  
NEO 943F-A-28  
NEO 943F-A-32  
NEO 943F-A-48



**PART NUMBER**  
NEO 942F-A-08  
NEO 942F-A-10  
NEO 942F-A-12  
NEO 942F-A-16  
NEO 942F-A-20  
NEO 942F-A-24  
NEO 942F-A-28  
NEO 942F-A-32  
NEO 942F-A-48

**PART NUMBER**  
NEO 944F-A-08  
NEO 944F-A-10  
NEO 944F-A-12  
NEO 944F-A-16  
NEO 944F-A-20  
NEO 944F-A-24  
NEO 944F-A-28  
NEO 944F-A-32  
NEO 944F-A-48



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**PART NUMBER**  
NEO 931F-A-04  
NEO 931F-A-06  
NEO 931F-A-08  
NEO 931F-A-10  
NEO 931F-A-12  
NEO 931F-A-16  
NEO 931F-A-20



**PART NUMBER**  
NEO 031F-A-04  
NEO 031F-A-06  
NEO 031F-A-08  
NEO 031F-A-10  
NEO 031F-A-12  
NEO 031F-A-16  
NEO 031F-A-20

NEO 031F-A-24  
NEO 031F-A-28  
NEO 031F-A-32

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**PART NUMBER**  
NEO 420F-A-04E  
NEO 406F-A-08  
NEO 407F-A-06  
NEO 410F-A-08  
NEO 411F-A-08  
NEO 421F-A-08E

NEO 412F-A-10  
NEO 413F-A-10  
NEO 422F-A-10E  
NEO 416F-A-12  
NEO 417F-A-12  
NEO 423F-A-12E

**PART NUMBER**  
NEO 440F-A-04E  
NEO 436F-A-06  
NEO 437F-A-06  
NEO 430F-A-08  
NEO 431F-A-08  
NEO 441F-A-08E

NEO 432F-A-10  
NEO 433F-A-10  
NEO 442F-A-10E  
NEO 436F-A-12  
NEO 437F-A-12  
NEO 443F-A-12E

# 3000 PSI FITTINGS

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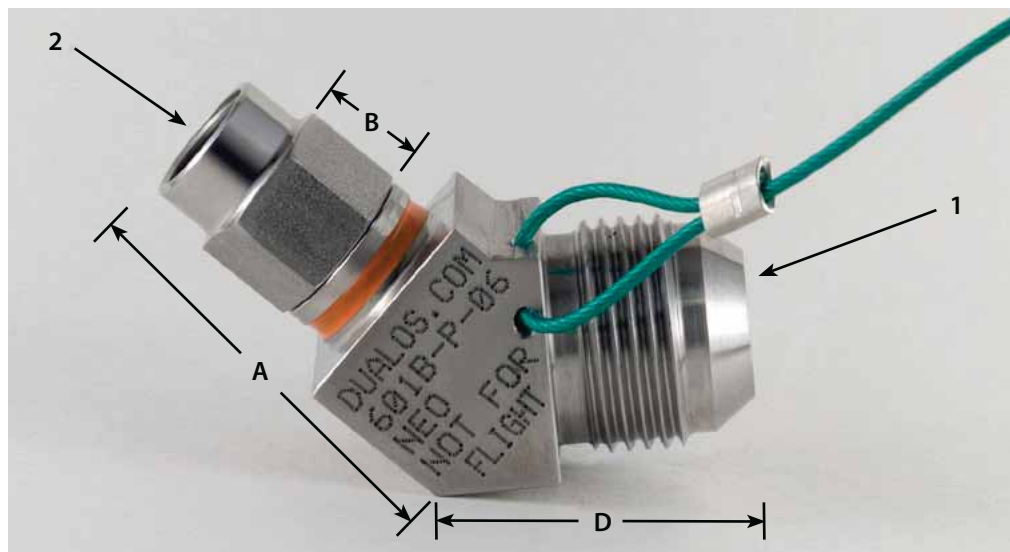


## 601F SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    | B    |
|---------------|-------------|----------------|-------------|-------------------------|------|------|
| NEO 601F-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3B | 2.13 | 0.48 |
| NEO 601F-P-05 | 12          | JIC-37 Degree  | 5           | 0.5000-20 UNJF Class 3B | 2.13 | 0.48 |
| NEO 601F-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3B | 2.18 | 0.49 |
| NEO 601F-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3B | 2.30 | 0.56 |
| NEO 601F-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3B | 2.44 | 0.66 |
| NEO 601F-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3B  | 2.52 | 0.70 |
| NEO 601F-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3B  | 2.74 | 0.79 |
| NEO 601F-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-12 UNJ Class 3B  | 2.87 | 0.98 |

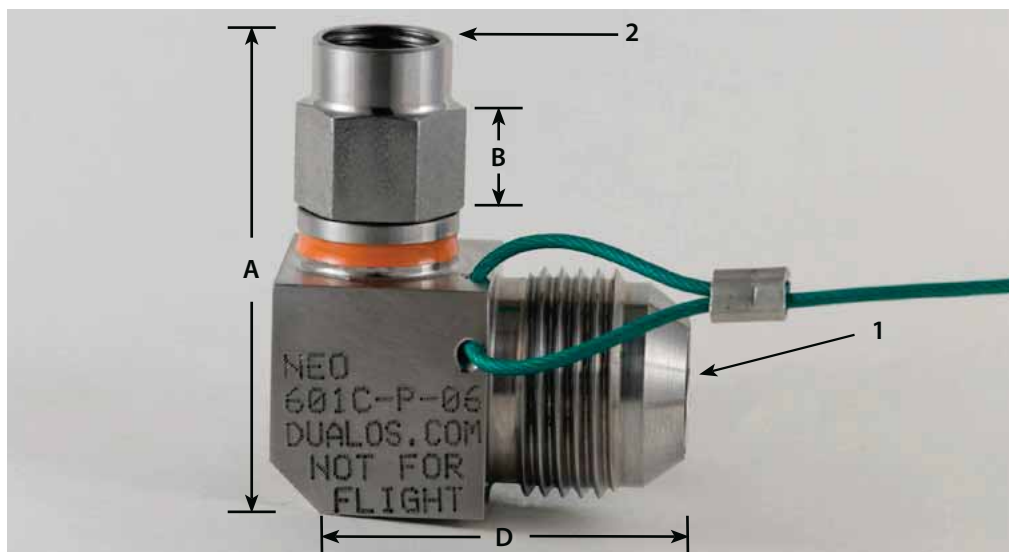


## 601B SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    | B    | D    |
|---------------|-------------|----------------|-------------|-------------------------|------|------|------|
| NEO 601B-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3B | 1.67 | 0.48 | 1.45 |
| NEO 601B-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3B | 1.77 | 0.49 | 1.45 |
| NEO 601B-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3B | 1.89 | 0.56 | 1.45 |
| NEO 601B-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3B | 1.97 | 0.66 | 1.66 |
| NEO 601B-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3B  | 2.04 | 0.70 | 1.66 |
| NEO 601B-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3B  | 2.32 | 0.79 | 1.92 |
| NEO 601B-P-20 | 12          | JIC-37 Degree  | 20          | 1.625-12 UNJ Class 3B   | 2.45 | 0.85 | 2.01 |



### 601C SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    | B    | D    |
|---------------|-------------|----------------|-------------|-------------------------|------|------|------|
| NEO 601C-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3B | 2.01 | 0.40 | 1.88 |
| NEO 601C-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3B | 2.11 | 0.49 | 1.88 |
| NEO 601C-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3B | 2.22 | 0.56 | 1.88 |
| NEO 601C-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3B | 2.37 | 0.66 | 2.25 |
| NEO 601C-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3B  | 2.44 | 0.70 | 2.25 |
| NEO 601C-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3B  | 2.63 | 0.79 | 2.50 |
| NEO 601C-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-12 UNJ Class 3B  | 2.81 | 0.85 | 2.70 |



### 801F SERIES FITTINGS

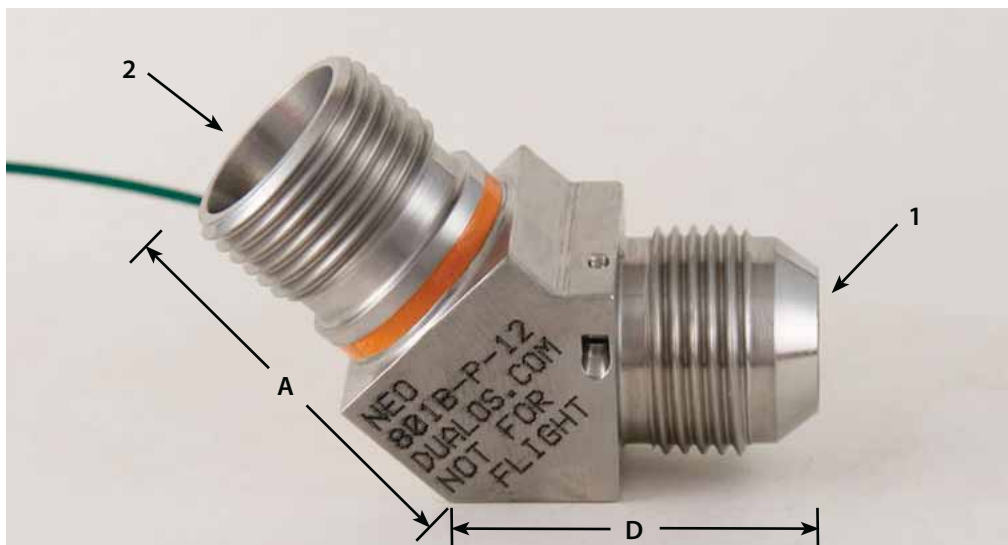
\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    |
|---------------|-------------|----------------|-------------|-------------------------|------|
| NEO 801F-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3A | 1.88 |
| NEO 801F-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3A | 1.88 |
| NEO 801F-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3A | 2.00 |
| NEO 801F-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3A | 2.01 |
| NEO 801F-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3A  | 2.13 |
| NEO 801F-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3A  | 2.20 |
| NEO 801F-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-12 UNJ Class 3A  | 2.20 |

# 3000 PSI FITTINGS

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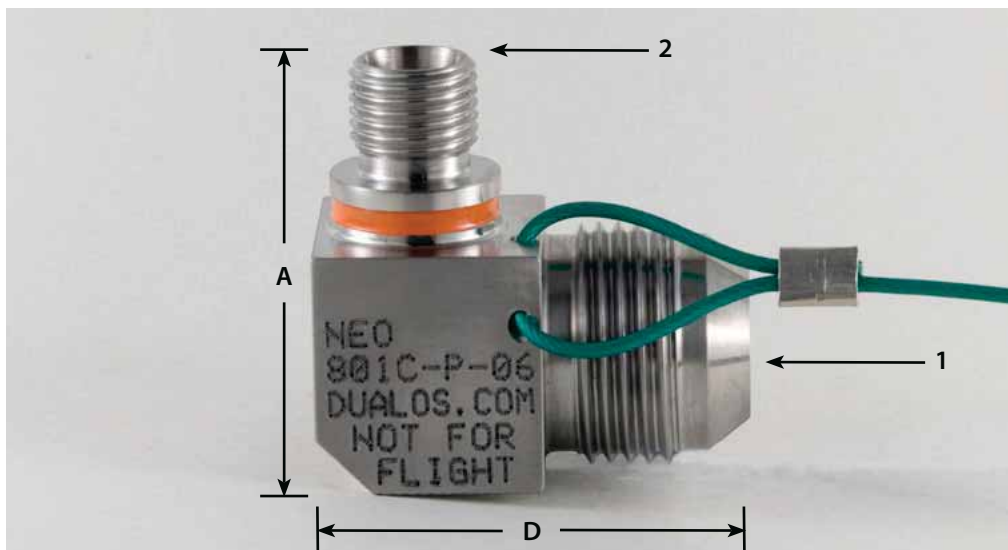


## 801B SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    | D    |
|---------------|-------------|----------------|-------------|-------------------------|------|------|
| NEO 801B-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3A | 1.21 | 1.45 |
| NEO 801B-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3A | 1.47 | 1.45 |
| NEO 801B-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3A | 1.60 | 1.45 |
| NEO 801B-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3A | 1.55 | 1.66 |
| NEO 801B-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3A  | 1.65 | 1.66 |
| NEO 801B-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3A  | 1.79 | 1.92 |
| NEO 801B-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-12 UNJ Class 3A  | 1.85 | 2.22 |



## 801C SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]          | A    | D    |
|---------------|-------------|----------------|-------------|-------------------------|------|------|
| NEO 801C-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-20 UNJF Class 3A | 1.78 | 1.88 |
| NEO 801C-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-18 UNJF Class 3A | 1.81 | 1.88 |
| NEO 801C-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-16 UNJF Class 3A | 1.88 | 1.88 |
| NEO 801C-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-14 UNJF Class 3A | 2.03 | 2.31 |
| NEO 801C-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-12 UNJ Class 3A  | 2.10 | 2.25 |
| NEO 801C-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-12 UNJ Class 3A  | 2.15 | 2.50 |
| NEO 801C-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-12 UNJ Class 3A  | 2.25 | 2.70 |

### 605F SERIES FITTINGS

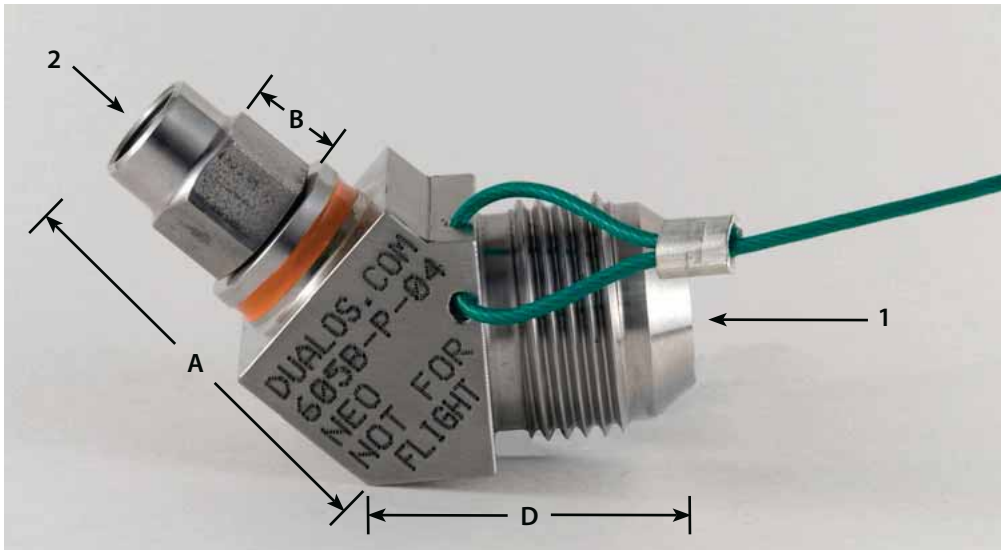


\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    | B    |
|---------------|-------------|----------------|-------------|--------------------------|------|------|
| NEO 605F-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3B | 2.08 | 0.40 |
| NEO 605F-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3B | 2.19 | 0.49 |
| NEO 605F-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3B | 2.30 | 0.56 |
| NEO 605F-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3B | 2.45 | 0.66 |
| NEO 605F-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3B | 2.52 | 0.70 |
| NEO 605F-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3B   | 2.74 | 0.79 |
| NEO 605F-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3B   | 2.87 | 0.98 |

### 605B SERIES FITTINGS



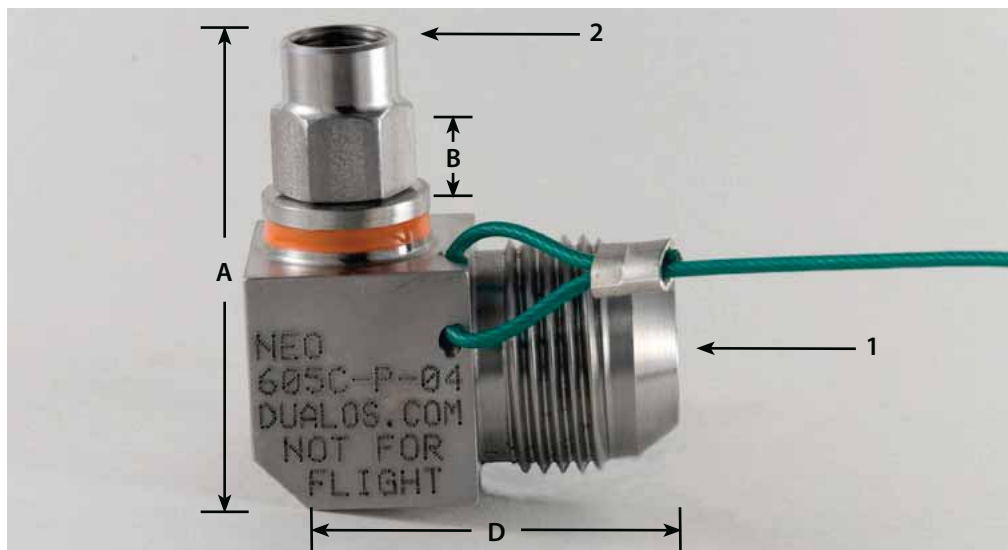
\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    | B    | D    |
|---------------|-------------|----------------|-------------|--------------------------|------|------|------|
| NEO 605B-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3B | 1.67 | 0.40 | 1.45 |
| NEO 605B-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3B | 1.77 | 0.49 | 1.45 |
| NEO 605B-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3B | 1.89 | 0.56 | 1.45 |
| NEO 605B-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3B | 1.97 | 0.66 | 1.66 |
| NEO 605B-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3B | 2.04 | 0.69 | 1.66 |
| NEO 605B-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3B   | 2.32 | 0.79 | 1.92 |
| NEO 605B-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3B   | 2.45 | 0.85 | 2.01 |

# 5080 PSI FITTINGS

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## 605C SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    | B    | D    |
|---------------|-------------|----------------|-------------|--------------------------|------|------|------|
| NEO 605C-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3B | 2.01 | 0.40 | 1.88 |
| NEO 605C-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3B | 2.11 | 0.49 | 1.88 |
| NEO 605C-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3B | 2.22 | 0.56 | 1.88 |
| NEO 605C-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3B | 2.37 | 0.66 | 2.25 |
| NEO 605C-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3B | 2.44 | 0.70 | 2.25 |
| NEO 605C-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3B   | 2.63 | 0.79 | 2.50 |
| NEO 605C-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3B   | 2.81 | 0.85 | 2.70 |

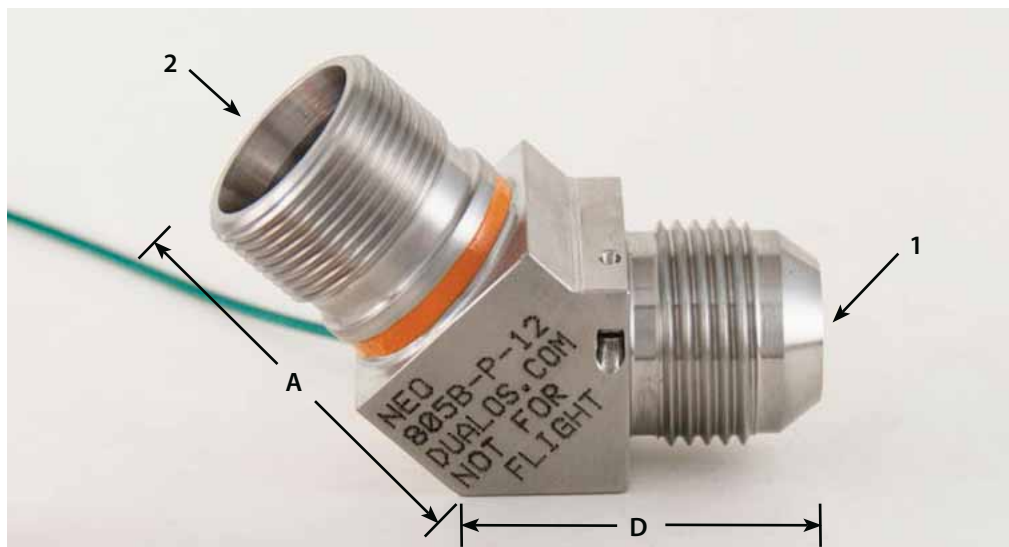


## 805F SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    |
|---------------|-------------|----------------|-------------|--------------------------|------|
| NEO 805F-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3A | 1.88 |
| NEO 805F-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3A | 1.88 |
| NEO 805F-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3A | 2.00 |
| NEO 805F-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3A | 2.01 |
| NEO 805F-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3A | 2.13 |
| NEO 805F-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3A   | 2.20 |
| NEO 805F-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3A   | 2.20 |

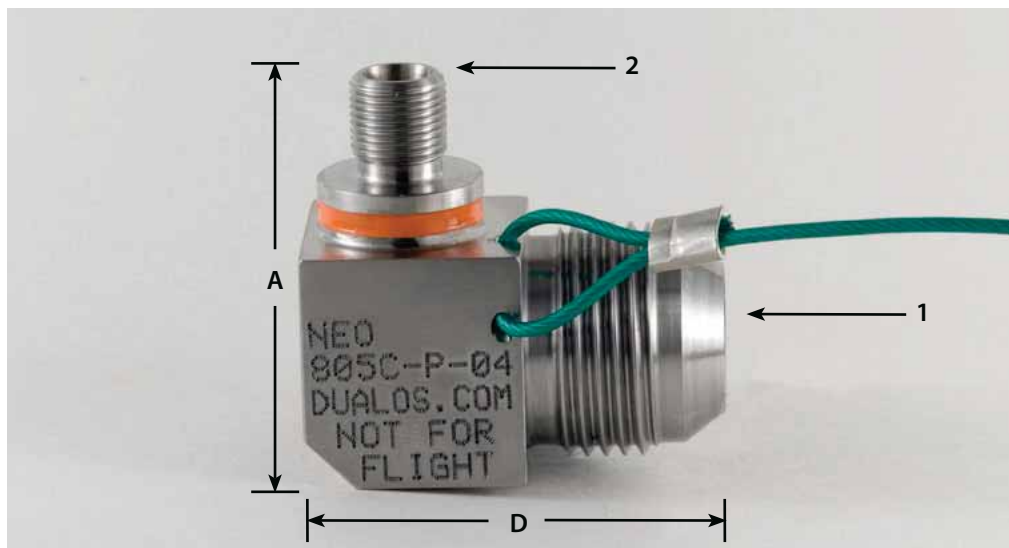


### 805B SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    | D    |
|---------------|-------------|----------------|-------------|--------------------------|------|------|
| NEO 805B-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3A | 1.21 | 1.45 |
| NEO 805B-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3A | 1.47 | 1.45 |
| NEO 805B-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3A | 1.60 | 1.45 |
| NEO 805B-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3A | 1.55 | 1.66 |
| NEO 805B-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3A | 1.65 | 1.66 |
| NEO 805B-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3A   | 1.79 | 1.92 |
| NEO 805B-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3A   | 1.85 | 2.22 |



### 805C SERIES FITTINGS

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END [1] | PORT SIZE 2 | THREAD END [2]           | A    | D    |
|---------------|-------------|----------------|-------------|--------------------------|------|------|
| NEO 805C-P-04 | 4, 12       | JIC-37 Degree  | 4           | 0.4375-28 UNJEF Class 3A | 1.78 | 1.88 |
| NEO 805C-P-06 | 6, 12       | JIC-37 Degree  | 6           | 0.5625-24 UNJEF Class 3A | 1.81 | 1.88 |
| NEO 805C-P-08 | 8, 12       | JIC-37 Degree  | 8           | 0.7500-20 UNJEF Class 3A | 1.88 | 1.88 |
| NEO 805C-P-10 | 10, 12      | JIC-37 Degree  | 10          | 0.8750-20 UNJEF Class 3A | 2.03 | 2.31 |
| NEO 805C-P-12 | 12          | JIC-37 Degree  | 12          | 1.0625-18 UNJEF Class 3A | 2.10 | 2.25 |
| NEO 805C-P-16 | 12          | JIC-37 Degree  | 16          | 1.3125-16 UNJ Class 3A   | 2.15 | 2.50 |
| NEO 805C-P-20 | 12          | JIC-37 Degree  | 20          | 1.6250-16 UNJ Class 3A   | 2.25 | 2.70 |



## 901 3000 PSI SERIES FITTINGS

\*Approximate  
Dimensions [inches]

\*\*Optional orange  
paint stripe and  
12" Lanyard with  
attached "REMOVE  
BEFORE FLIGHT" flag  
available



## 905 5080 PSI SERIES FITTINGS

\*Approximate  
Dimensions [inches]

\*\*Optional orange  
paint stripe and  
12" Lanyard with  
attached "REMOVE  
BEFORE FLIGHT" flag  
available

| PART NUMBER   | PORT SIZE | THREAD END              |
|---------------|-----------|-------------------------|
| NEO 901F-P-04 | 4         | 0.4375-20 UNJF Class 3B |
| NEO 901F-P-06 | 6         | 0.5625-18 UNJF Class 3B |
| NEO 901F-P-08 | 8         | 0.7500-16 UNJF Class 3B |
| NEO 901F-P-10 | 10        | 0.8750-14 UNJF Class 3B |
| NEO 901F-P-12 | 12        | 1.0625-12 UNJ Class 3B  |
| NEO 901F-P-16 | 16        | 1.3125-12 UNJ Class 3B  |
| NEO 901F-P-20 | 20        | 1.6250-12 UNJ Class 3B  |

| PART NUMBER   | PORT SIZE | THREAD END               |
|---------------|-----------|--------------------------|
| NEO 905F-P-04 | 4         | 0.4375-28 UNJEF Class 3B |
| NEO 905F-P-06 | 6         | 0.5625-24 UNJEF Class 3B |
| NEO 905F-P-08 | 8         | 0.7500-20 UNJEF Class 3B |
| NEO 905F-P-10 | 10        | 0.8750-20 UNJEF Class 3B |
| NEO 905F-P-12 | 12        | 1.0625-18 UNJEF Class 3B |
| NEO 905F-P-16 | 16        | 1.3125-16 UNJ Class 3B   |
| NEO 905F-P-20 | 20        | 1.6250-16 UNJ Class 3B   |



## 001 3000 PSI SERIES FITTINGS

\*Approximate  
Dimensions [inches]

\*\*Optional orange  
paint stripe and  
12" Lanyard with  
attached "REMOVE  
BEFORE FLIGHT" flag  
available



## 005 5080 PSI SERIES FITTINGS

\*Approximate  
Dimensions [inches]

\*\*Optional orange  
paint stripe and  
12" Lanyard with  
attached "REMOVE  
BEFORE FLIGHT" flag  
available

| PART NUMBER   | PORT SIZE | THREAD END              |
|---------------|-----------|-------------------------|
| NEO 001F-P-04 | 4         | 0.4375-20 UNJF Class 3A |
| NEO 001F-P-06 | 6         | 0.5625-18 UNJF Class 3A |
| NEO 001F-P-08 | 8         | 0.7500-16 UNJF Class 3A |
| NEO 001F-P-10 | 10        | 0.8750-14 UNJF Class 3A |
| NEO 001F-P-12 | 12        | 1.0625-12 UNJF Class 3A |
| NEO 001F-P-16 | 16        | 1.3125-12 UNJ Class 3A  |
| NEO 001F-P-20 | 20        | 1.6250-12 UNJ Class 3A  |

| PART NUMBER   | PORT SIZE | THREAD END               |
|---------------|-----------|--------------------------|
| NEO 005F-P-04 | 4         | 0.4375-28 UNJEF Class 3A |
| NEO 005F-P-06 | 6         | 0.5625-24 UNJEF Class 3A |
| NEO 005F-P-08 | 8         | 0.7500-20 UNJEF Class 3A |
| NEO 005F-P-10 | 10        | 0.8750-20 UNJEF Class 3A |
| NEO 005F-P-12 | 12        | 1.0625-18 UNJEF Class 3A |
| NEO 005F-P-16 | 16        | 1.3125-16 UNJ Class 3A   |
| NEO 005F-P-20 | 20        | 1.6250-16 UNJ Class 3A   |



### CHECK VALVE BODY (NO INTERNAL VALVE)

\*Approximate Dimensions [inches]

\*\*Optional orange paint stripe and 12" Lanyard with attached "REMOVE BEFORE FLIGHT" flag available

| PART NUMBER   | PORT SIZE 1 | THREAD END (1)           | PORT SIZE 2 | THREAD END (2)           | A     | B     |
|---------------|-------------|--------------------------|-------------|--------------------------|-------|-------|
| NEO 719F-P-06 | 6           | 0.5625-24 UNJEF Class 3B | 4           | 0.4375-28 UNJEF Class 3A | 1.499 | 0.813 |
| NEO 720F-P-06 | 6           | 0.5625-18 UNJF Class 3A  | 8           | 0.7500-16 UNJEF Class 3A | 1.80  | 1     |
| NEO 723F-P-08 | 8           | 0.7500-16 UNJF Class 3A  | 10          | 0.8750-14 UNJF Class 3A  | 2.025 | 1.125 |
| NEO 724F-P-16 | 16          | 1.3125-12 UNJ Class 3A   | 20          | 1.6250-12 UNJ Class 3A   | 3.318 | 1.88  |
| NEO 725F-P-08 | 8           | 0.7500-20 UNJEF Class 3A | 10          | 0.8750-20 UNJEF Class 3A | 2.025 | 1.125 |
| NEO 726F-P-08 | 8           | 0.7500-16 UNJFC Class 3A | 6           | 0.5625-18 UNJEF Class 3B | 1.85  | 1.062 |
| NEO 727F-P-08 | 8           | 0.7500-20 UNJEF Class 3A | 10          | 0.8750-20 UNJEF Class 3A | 6.86  | 1.8   |
| NEO 728F-P-06 | 6           | 0.5625-24 UNJEF Class 3A | 8           | 0.7500-20 UNJEF Class 3A | 6.7   | 1.375 |
| NEO 729F-P-10 | 10          | 0.8750-20 UNJEF Class 3A | 8           | 0.7500-20 UNJEF Class 3A | 6.86  | 1.375 |

## FUEL CAPS

Dualos LLC  
PO Box 24088  
Federal Way, WA 98093  
www.dualos.com  
253-838-9263



### NEO 941 FUEL TUBE CAP

(Clam Shell Clamps not Included)

| PART NUMBER   | TUBE OD |
|---------------|---------|
| NEO 941F-A-08 | 0.500   |
| NEO 941F-A-10 | 0.625   |
| NEO 941F-A-12 | 0.750   |
| NEO 941F-A-16 | 1.000   |
| NEO 941F-A-20 | 1.250   |
| NEO 941F-A-24 | 1.500   |
| NEO 941F-A-28 | 1.750   |
| NEO 941F-A-32 | 2.000   |
| NEO 941F-A-36 | 2.250   |
| NEO 941F-A-40 | 2.500   |
| NEO 941F-A-48 | 3.000   |
| NEO 941F-A-56 | 3.500   |
| NEO 941F-A-64 | 4.000   |



### NEO 943 FUEL TUBE CAP

(Clam Shell Clamps not Included)

| PART NUMBER   | TUBE OD |
|---------------|---------|
| NEO 943F-A-08 | 0.500   |
| NEO 943F-A-10 | 0.625   |
| NEO 943F-A-12 | 0.750   |
| NEO 943F-A-16 | 1.000   |
| NEO 943F-A-20 | 1.250   |
| NEO 943F-A-24 | 1.500   |
| NEO 943F-A-28 | 1.750   |
| NEO 943F-A-32 | 2.000   |
| NEO 943F-A-36 | 2.250   |
| NEO 943F-A-40 | 2.500   |
| NEO 943F-A-48 | 3.000   |
| NEO 943F-A-56 | 3.500   |
| NEO 943F-A-64 | 4.000   |



### NEO 942 FUEL TUBE CAP

(Clam Shell Clamps not Included)

| PART NUMBER   | TUBE OD |
|---------------|---------|
| NEO 942F-A-08 | 0.500   |
| NEO 942F-A-10 | 0.625   |
| NEO 942F-A-12 | 0.750   |
| NEO 942F-A-16 | 1.000   |
| NEO 942F-A-20 | 1.250   |
| NEO 942F-A-24 | 1.500   |
| NEO 942F-A-28 | 1.750   |
| NEO 942F-A-32 | 2.000   |
| NEO 942F-A-36 | 2.250   |
| NEO 942F-A-40 | 2.500   |
| NEO 942F-A-48 | 3.000   |
| NEO 942F-A-56 | 3.500   |
| NEO 942F-A-64 | 4.000   |
| NEO 942F-A-72 | 4.500   |
| NEO 942F-A-80 | 5.000   |
| NEO 942F-A-88 | 5.500   |

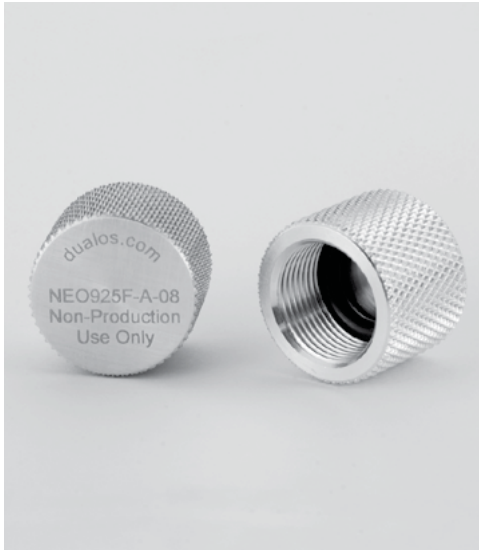


### NEO 944 FUEL TUBE CAP

(Clam Shell Clamps not Included)

| PART NUMBER   | TUBE OD |
|---------------|---------|
| NEO 944F-A-08 | 0.500   |
| NEO 944F-A-10 | 0.625   |
| NEO 944F-A-12 | 0.750   |
| NEO 944F-A-16 | 1.000   |
| NEO 944F-A-20 | 1.250   |
| NEO 944F-A-24 | 1.500   |
| NEO 944F-A-28 | 1.750   |
| NEO 944F-A-32 | 2.000   |
| NEO 944F-A-36 | 2.250   |
| NEO 944F-A-40 | 2.500   |
| NEO 944F-A-48 | 3.000   |
| NEO 944F-A-56 | 3.500   |
| NEO 944F-A-64 | 4.000   |
| NEO 944F-A-72 | 4.500   |
| NEO 944F-A-80 | 5.000   |
| NEO 944F-A-88 | 5.500   |





### OPEN HYDRAULIC LINE CAP

*All caps ship  
with BMS 3-11  
Compatible  
O-Ring Seal*

*\*Approximate  
Dimensions [inches]*



### OPEN HYDRAULIC LINE PLUG

*All plugs ship  
with BMS 3-11  
Compatible  
O-Ring Seal*

*\*Approximate  
Dimensions [inches]*

| PART NUMBER   | PORT SIZE | THREAD END               |
|---------------|-----------|--------------------------|
| NEO 921F-A-04 | 4         | 0.4375-20 UNJF Class 3B  |
| NEO 921F-A-06 | 6         | 0.5625-18 UNJF Class 3B  |
| NEO 921F-A-08 | 8         | 0.7500-16 UNJF Class 3B  |
| NEO 921F-A-10 | 10        | 0.8750-14 UNJF Class 3B  |
| NEO 921F-A-12 | 12        | 1.0625-12 UNJ Class 3B   |
| NEO 921F-A-16 | 16        | 1.3125-12 UNJ Class 3B   |
| NEO 921F-A-20 | 20        | 1.6250-12 UNJ Class 3B   |
| NEO 925F-A-04 | 4         | 0.4375-28 UNJEF Class 3B |
| NEO 925F-A-06 | 6         | 0.5625-24 UNJEF Class 3B |
| NEO 925F-A-08 | 8         | 0.7500-20 UNJEF Class 3B |
| NEO 925F-A-10 | 10        | 0.8750-20 UNJEF Class 3B |
| NEO 925F-A-12 | 12        | 1.0625-18 UNJEF Class 3B |
| NEO 925F-A-16 | 16        | 1.3125-16 UNJ Class 3B   |
| NEO 925F-A-20 | 20        | 1.6250-16 UNJ Class 3B   |

| PART NUMBER   | PORT SIZE | THREAD END               |
|---------------|-----------|--------------------------|
| NEO 021F-A-04 | 4         | 0.4375-20 UNJF Class 3A  |
| NEO 021F-A-06 | 6         | 0.5625-18 UNJF Class 3A  |
| NEO 021F-A-08 | 8         | 0.7500-16 UNJF Class 3A  |
| NEO 021F-A-10 | 10        | 0.8750-14 UNJF Class 3A  |
| NEO 021F-A-12 | 12        | 1.0625-12 UNJ Class 3A   |
| NEO 021F-A-16 | 16        | 1.3125-12 UNJ Class 3A   |
| NEO 021F-A-20 | 20        | 1.6250-12 UNJ Class 3A   |
| NEO 025F-A-04 | 4         | 0.4375-28 UNJEF Class 3A |
| NEO 025F-A-06 | 6         | 0.5625-24 UNJEF Class 3A |
| NEO 025F-A-08 | 8         | 0.7500-20 UNJEF Class 3A |
| NEO 025F-A-10 | 10        | 0.8750-20 UNJEF Class 3A |
| NEO 025F-A-12 | 12        | 1.0625-18 UNJEF Class 3A |
| NEO 025F-A-16 | 16        | 1.3125-16 UNJ Class 3A   |
| NEO 025F-A-20 | 20        | 1.6250-16 UNJ Class 3A   |

## CAPS & PLUGS

Dualos LLC  
PO Box 24088  
Federal Way, WA 98093  
www.dualos.com  
253-838-9263



### OPEN FUEL LINE CAP



*All caps ship  
with Nitrile or  
Fluorsilicone  
O-ring Seal*

*\*Approximate  
Dimensions [inches]*

| PART NUMBER   | PORT SIZE | THREAD END              |
|---------------|-----------|-------------------------|
| NEO 931F-A-04 | 4         | 0.4375-20 UNJF Class 3B |
| NEO 931F-A-06 | 6         | 0.5625-18 UNJF Class 3B |
| NEO 931F-A-08 | 8         | 0.7500-16 UNJF Class 3B |
| NEO 931F-A-10 | 10        | 0.8750-14 UNJF Class 3B |
| NEO 931F-A-12 | 12        | 1.0625-12 UNJ Class 3B  |
| NEO 931F-A-16 | 16        | 1.3125-12 UNJ Class 3B  |
| NEO 931F-A-20 | 20        | 1.6250-12 UNJ Class 3B  |

### OPEN FUEL LINE PLUG



*All plugs ship  
with Nitrile or  
Fluorsilicone  
O-ring Seal*

*\*Approximate  
Dimensions [inches]*

| PART NUMBER   | PORT SIZE | THREAD END              |
|---------------|-----------|-------------------------|
| NEO 031F-A-04 | 4         | 0.4375-20 UNJF Class 3A |
| NEO 031F-A-06 | 6         | 0.5625-18 UNJF Class 3A |
| NEO 031F-A-08 | 8         | 0.7500-16 UNJF Class 3A |
| NEO 031F-A-10 | 10        | 0.8750-14 UNJF Class 3A |
| NEO 031F-A-12 | 12        | 1.0625-12 UNJ Class 3A  |
| NEO 031F-A-16 | 16        | 1.3125-12 UNJ Class 3A  |
| NEO 031F-A-20 | 20        | 1.6250-12 UNJ Class 3A  |
| NEO 031F-A-24 | 24        | 1.8750-12-UNJ Class 3A  |
| NEO 031F-A-28 | 28        | 2.2500-12 UNJ Class 3A  |
| NEO 031F-A-32 | 32        | 2.5000-12 UNJ Class 3A  |

### LCF OPEN HYDRAULIC LINE PLUG

*All plugs ship with BMS 3-11  
Compatible O-Rings, Viton® Cuff  
and Four Metal Clamps.*

*\*Approximate Dimensions [inches]*

| PART NUMBER    | TUBE OD | TUBE ID | WALL THICKNESS | TAIL STAMP |
|----------------|---------|---------|----------------|------------|
| NEO 420F-A-04E | 0.457   | 0.251   | -              | NE-04      |
| NEO 406F-A-06  | 0.375   | 0.311   | 0.032          | N-06       |
| NEO 407F-A-06  | 0.375   | 0.337   | 0.019          | W-06       |
| NEO 410F-A-08  | 0.500   | 0.414   | 0.043          | N-08       |
| NEO 411F-A-08  | 0.500   | 0.456   | 0.022          | W-08       |
| NEO 421F-A-08E | 0.772   | 0.503   | -              | NE-08      |
| NEO 412F-A-10  | 0.625   | 0.517   | 0.054          | N-10       |
| NEO 413F-A-10  | 0.625   | 0.579   | 0.023          | W-10       |
| NEO 422F-A-10E | 0.929   | 0.629   | -              | NE-10      |
| NEO 416F-A-12  | 0.750   | 0.620   | 0.065          | N-12       |
| NEO 417F-A-12  | 0.750   | 0.696   | 0.027          | W-12       |
| NEO 423F-A-12E | 1.110   | 0.755   | -              | NE-12      |

### LCF OPEN FUEL LINE PLUGS

*All Fuel Line plugs ship with Nitrile or Fluorsilicone O-Rings, Viton® Cuff and Four Metal Clamps*

*\*Approximate Dimensions [inches]*

| PART NUMBER    | TUBE OD | TUBE ID | WALL THICKNESS | TAIL STAMP |
|----------------|---------|---------|----------------|------------|
| NEO 440F-A-04E | 0.457   | 0.251   | -              | NF-04      |
| NEO 436F-A-06  | 0.375   | 0.311   | 0.032          | N-06F      |
| NEO 437F-A-06  | 0.375   | 0.337   | 0.019          | W-06F      |
| NEO 430F-A-08  | 0.500   | 0.414   | 0.043          | N-08F      |
| NEO 431F-A-08  | 0.500   | 0.456   | 0.022          | W-08F      |
| NEO 441F-A-08E | 0.772   | 0.503   | -              | NF-08      |
| NEO 432F-A-10  | 0.625   | 0.517   | 0.054          | N-10F      |
| NEO 433F-A-10  | 0.625   | 0.579   | 0.023          | W-10F      |
| NEO 442F-A-10E | 0.929   | 0.629   | -              | NF-10      |
| NEO 436F-A-12  | 0.750   | 0.620   | 0.065          | NF-12      |
| NEO 437F-A-12  | 0.750   | 0.696   | 0.027          | W-12F      |
| NEO 443F-A-12E | 1.110   | 0.755   | -              | NF-12      |

# Compatibility Charts & Part Number Legend

Dualos LLC  
PO Box 24088  
Federal Way, WA 98093  
www.dualos.com  
253-838-9263



|              |                        |         |
|--------------|------------------------|---------|
| NEO 001-X-XX | THREAD COMPATIBLE WITH | AS1007  |
| NEO 021-X-XX |                        | AS33514 |
| NEO 031-X-XX |                        | AS33515 |
| NEO 601-X-XX |                        | AS4132  |
| NEO 801-X-XX |                        | AS4138  |
| NEO 901-X-XX |                        | AS4139  |
| NEO 921-X-XX |                        | AS4140  |
| NEO 931-X-XX |                        | AS4370  |
|              |                        | AS4375  |
|              |                        | AS4568  |
|              |                        | AS4569  |
|              |                        | AS4570  |
|              |                        | AS5202  |
|              |                        | AS5230  |
|              |                        | AS5791  |
|              |                        | BACE21  |
|              |                        | BACN10  |

|              |                        |        |
|--------------|------------------------|--------|
| NEO 005-X-XX | THREAD COMPATIBLE WITH | AS5550 |
| NEO 025-X-XX |                        | AS5827 |
| NEO 605-X-XX |                        | AS5828 |
| NEO 805-X-XX |                        | AS5868 |
| NEO 905-X-XX |                        | AS5952 |
| NEO 925-X-XX |                        | AS5953 |
|              |                        | AS5954 |
|              |                        | AS5974 |
|              |                        | AS5975 |
|              |                        | BACN11 |

## COMPATIBLE WITH

|              |  |        |
|--------------|--|--------|
| NEO 941-X-XX |  | AS5836 |
| NEO 942-X-XX |  | AS1653 |
| NEO 943-X-XX |  | AS5836 |
| NEO 944-X-XX |  | AS1653 |

## DUALOS Part Number Legend

| NEO VxxY-Z-BB-AA |                                                                                                                            |                       | PORT SIZE | inches | mm     |
|------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|--------|--------|
| V                | 4                                                                                                                          | Open Line Plug        | -04       | 0.25   | 6.35   |
|                  | 6                                                                                                                          | Male to Female        | -05       | 0.313  | 7.938  |
|                  | 7                                                                                                                          | Fuse/Check Valve Body | -06       | 0.375  | 9.525  |
|                  | 8                                                                                                                          | Male to Male          | -08       | 0.5    | 12.7   |
|                  | 9                                                                                                                          | Cap                   | -10       | 0.625  | 15.875 |
|                  | 0                                                                                                                          | Threaded Plug         | -12       | 0.75   | 19.05  |
|                  |                                                                                                                            |                       | -16       | 1      | 25.4   |
|                  |                                                                                                                            |                       | -20       | 1.25   | 31.75  |
| Y                | F = Straights, C = 90 Degrees, B = 45 Degrees                                                                              |                       |           |        |        |
| Z                | P = Stainless (15-5PH or 17-4PH), C = Carbon (41-30 or 41-40) , T = Titanium (6AL-4V) or A = Aluminum (7075-T6 or 6061-T6) |                       |           |        |        |
| BB               | Port Size 2                                                                                                                |                       |           |        |        |
| AA               | Port Size 1                                                                                                                |                       |           |        |        |

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