

To determine the correct length of hose, subtract the cut-off factor for each end fitting from the overall length of assembly.

## Field attachable

247 'N' series

### 247 'N' series

**Ordering information:** Order individually by catalog number.

**!** Refer to important safety information on pages A-2.

**Application:** Medium pressure and high temperature hose lines for a variety of applications including truck, industrial, and small engine where temperature may be a problem.

**Compatible hose:** H059, H069, H166, H169, H229, H366, H569

**Pressure:** Determined by maximum working pressure for hose size and hose end configuration whichever is lesser. See pages A-24-25 for working pressure ratings for hose end configurations.

**Material:** AISI/SAE 12L14 carbon steel

**Plating:** Zinc; clear trivalent chromate

**Advantages:** Very popular in heavy-duty truck markets. Good selection of fittings. Compatible with a wide variety of hose types allowing for a diverse number of applications. Non-mandrel assembly.

**Assembly instructions:**

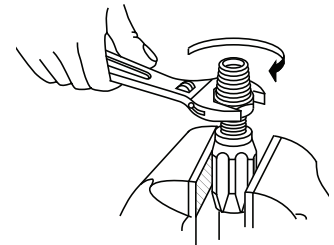
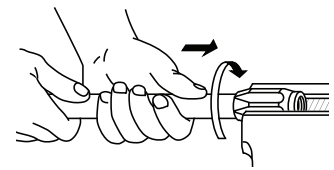
1. Lubricate\* insert threads and I.D. of hose.
2. Screw hose into socket (left-hand thread) until hose bottoms. Back out 1/4 turn.
3. Screw insert into socket until insert touches socket.

\* Eaton Assembly Lubricant  
222070-8 - 1 gallon plastic jug  
222070 - 1 pint plastic squeeze bottle

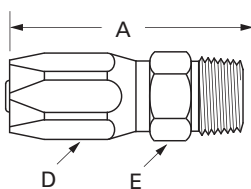
**Label set:** FS-600

**Note:**

Refer to current price list for availability of cataloged items. Configurations and dimensions subject to change without notice.

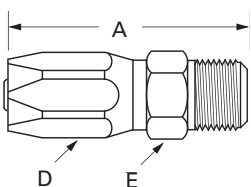


**Male pipe rigid**



| Hose I.D. | Pipe size | Part number | Thread size | A    | Hose cut-off factor | Hole dia. | Hex D | Hex E |
|-----------|-----------|-------------|-------------|------|---------------------|-----------|-------|-------|
| 3/16      | 1/8       | 24704N-102  | 1/8-27      | 1.71 | 1.00                | .12       | 5/8   | 7/16  |
| 3/16      | 1/4       | 24704N-104  | 1/4-18      | 1.87 | 1.12                | .12       | 5/8   | 9/16  |
| 1/4       | 1/4       | 24705N-104  | 1/4-18      | 1.96 | 1.25                | .18       | 11/16 | 9/16  |
| 5/16      | 1/4       | 24706N-104  | 1/4-18      | 2.08 | 1.25                | .25       | 13/16 | 9/16  |
| 5/16      | 3/8       | 24706N-106  | 3/8-18      | 2.11 | 1.25                | .25       | 13/16 | 11/16 |
| 13/32     | 3/8       | 24708N-106  | 3/8-18      | 2.48 | 1.33                | .36       | 15/16 | 11/16 |
| 13/32     | 1/2       | 24708N-108  | 1/2-14      | 2.73 | 1.58                | .36       | 15/16 | 7/8   |
| 1/2       | 1/2       | 24710N-108  | 1/2-14      | 2.88 | 1.63                | .45       | 1-1/8 | 7/8   |
| 1/2       | 3/4       | 24710N-112  | 3/4-14      | 2.94 | 1.69                | .45       | 1-1/8 | 1-1/8 |
| 5/8       | 3/4       | 24712N-112  | 3/4-14      | 3.24 | 1.67                | .55       | 1-1/4 | 1-1/4 |

**JIC 37° male rigid**



| Hose I.D. | Tube size | Part number | Thread size | A    | Hose cut-off factor | Hole dia. | Hex D  | Hex E |
|-----------|-----------|-------------|-------------|------|---------------------|-----------|--------|-------|
| 3/16      | 1/4       | 24704N-504  | 7/16-20     | 1.85 | 1.10                | .12       | 5/8    | 1/2   |
| 1/4       | 5/16      | 24705N-505  | 1/2-20      | 2.01 | 1.19                | .18       | 11/16  | 9/16  |
| 5/16      | 3/8       | 24706N-506  | 9/16-18     | 2.13 | 1.25                | .25       | 13/16  | 5/8   |
| 13/32     | 1/2       | 24708N-508  | 3/4-16      | 2.64 | 1.56                | .36       | 15/16  | 13/16 |
| 1/2       | 5/8       | 24710N-510  | 7/8-14      | 2.92 | 1.69                | .45       | 1-1/8  | 15/16 |
| 5/8       | 3/4       | 24712N-512  | 1-1/16-12   | 3.32 | 1.81                | .55       | 1-1/4  | 1-1/8 |
| 7/8       | 1         | 24716N-516  | 1-5/16-12   | 2.97 | 1.81                | .81       | 1-7/16 | 1-3/8 |