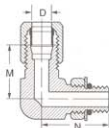


90° Elbow - Ermeto® to Straight Thread O-Ring Stainless Steel No. 7527x (Ref. SAE No. 080220)



Replacement O-rings page 194.

| Tube O.D. | Port Size | Catalog Number | D | M | N | Across Flats |
|-----------|-----------|----------------|-------|------|------|--------------|
| 1/4 | 1/4 | 7515x4 | .203 | .89 | 1.03 | 7/16 |
| 5/16 | 5/16 | 7515x5 | .234 | .96 | 1.13 | 9/16 |
| 3/8 | 3/8 | 7515x6 | .281 | 1.05 | 1.25 | 9/16 |
| 1/2 | 1/2 | 7515x8 | .422 | 1.25 | 1.45 | 3/4 |
| 5/8 | 5/8 | 7515x10 | .500 | 1.42 | 1.70 | 7/8 |
| 3/4 | 3/4 | 7515x12 | .656 | 1.58 | 1.94 | 1-1/16 |
| 1 | 1 | 7515x16 | .875 | 1.73 | 2.05 | 1-5/16 |
| 1 | 3/4 | 7515x16x12 | .875 | 1.73 | 2.05 | 1-5/16 |
| 1-1/4 | 1-1/4 | 7515x20 | 1.093 | 1.89 | 2.25 | 1-5/8 |

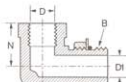
90° Elbow - Male Straight Thread O-Ring to Female Pipe Swivel (Ref. SAE No. 140257)



Replacement O-rings page 194.

| Port Size | NPSM Swivel Nut | Catalog Number | Hex C | L | L1 | Across Flats |
|-----------|-----------------|----------------|-------|------|------|--------------|
| 1/4 | 1/4-18 | 9515x4x4 | 11/16 | 1.02 | .75 | 11/16 |
| 1/4 | 3/8-18 | 9515x4x6 | 7/8 | 1.10 | .90 | 7/8 |
| 3/8 | 1/4-18 | 9515x6x4 | 11/16 | 1.19 | .78 | 11/16 |
| 3/8 | 3/8-18 | 9515x6x6 | 7/8 | 1.17 | .90 | 7/8 |
| 3/8 | 1/2-14 | 9515x6x8 | 1 | 1.25 | 1.02 | 1 |
| 1/2 | 3/8-18 | 9515x8x6 | 1 | 1.36 | 1.00 | 1 |
| 1/2 | 1/2-14 | 9515x8x8 | 1 | 1.36 | 1.02 | 1 |
| 1/2 | 3/4-14 | 9515x8x12 | 1-1/4 | 1.66 | 1.25 | 1-1/4 |
| 5/8 | 3/8-18 | 9515x10x6 | 1 | 1.64 | 1.00 | 1 |
| 5/8 | 1/2-14 | 9515x10x8 | 1 | 1.50 | 1.02 | 1 |
| 5/8 | 3/4-14 | 9515x10x12 | 1-1/4 | 1.78 | 1.25 | 1-1/4 |
| 3/4 | 1/2-14 | 9515x12x8 | 1-1/4 | 1.92 | 1.12 | 1-1/4 |
| 3/4 | 3/4-14 | 9515x12x12 | 1-1/4 | 1.79 | 1.20 | 1-1/4 |
| 7/8 | 3/4-14 | 9515x14x12 | 1-1/4 | 1.92 | 1.25 | 1-1/4 |
| 1 | 3/4-14 | 9515x16x12 | 1-1/2 | 2.09 | 1.38 | 1-1/2 |
| 1 | 1-11/2 | 9515x16x16 | 1-1/2 | 2.09 | 1.39 | 1-1/2 |
| 1-1/4 | 3/4-14 | 9515x20x12 | 1-7/8 | 2.48 | 1.56 | 1-7/8 |
| 1-1/4 | 1-1/4-11-1/2 | 9515x20x20 | 1-7/8 | 2.48 | 1.66 | 1-7/8 |
| 1-1/2 | 1-1/2-11-1/2 | 9515x24x24 | 2-1/8 | 2.61 | 1.73 | 2-1/8 |
| 2 | 2-11-1/2 | 9515x32x32 | 2-5/8 | 3.25 | 2.31 | 2-5/8 |

90° Elbow - Straight Thread O-Ring to Female Pipe

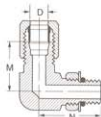


Replacement O-rings page 194.

| Port Size | Fem. Pipe Thread | Catalog Number | Straight Thread B | D | D1 | N | N1 | Across Flats |
|-----------|------------------|----------------|-------------------|-------|-------|------|------|--------------|
| 1/2 | 3/8 | C3459x8 | 3/4-16 | .562 | .422 | .63 | 1.47 | 7/8 |
| 5/8 | 1/2 | C3459x10 | 7/8-14 | .687 | .500 | .75 | 1.81 | 1-1/16 |
| 3/4 | 3/4 | C3459x12 | 1-1/16-12 | .906 | .656 | .81 | 2.00 | 1-5/16 |
| 1 | 1 | C3459x16 | 1-5/16-12 | 1.125 | .876 | 1.00 | 2.25 | 1-5/8 |
| 1/4 | 1/8 | TF3459x4 | 7/16-20 | .332 | .172 | .66 | 1.09 | 5/8 |
| 5/16 | 1/8 | TF3459x5 | 1/2-20 | .332 | .234 | .66 | 1.13 | 5/8 |
| 3/8 | 1/4 | TF3459x6 | 9/16-18 | .437 | .297 | .88 | 1.31 | 3/4 |
| 1/2 | 3/8 | TF3459x8 | 3/4-16 | .562 | .391 | 1.02 | 1.49 | 7/8 |
| 5/8 | 1/2 | TF3459x10 | 7/8-14 | .687 | .484 | 1.23 | 1.80 | 1-1/8 |
| 3/4 | 3/4 | TF3459x12 | 1-1/16-12 | .906 | .609 | 1.36 | 2.06 | 1-3/8 |
| 7/8 | 3/4 | TF3459x14 | 1-3/16-12 | .906 | .719 | 1.42 | 2.06 | 1-3/8 |
| 1 | 1 | TF3459x20 | 1-5/16-12 | 1.125 | .844 | 1.62 | 2.17 | 1-5/8 |
| 1-1/4 | 1-1/4 | TF3459x20 | 1-5/8-12 | 1.468 | 1.078 | 1.70 | 2.38 | 2 |
| 1-1/2 | 1-1/2 | TF3459x24 | 1-7/8-12 | 1.703 | 1.312 | 2.08 | 2.58 | 2-3/8 |
| 2 | 2 | TF3459x32 | 2-1/2-12 | 2.180 | 1.781 | 2.39 | 3.02 | 2-7/8 |

90° Elbow - Straight Thread O-Ring

Stainless Steel No. 7527x
(Ref. SAE No. 080220)

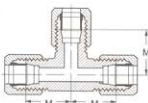
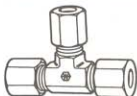


Replacement O-rings page 207.

| Tube O.D. | Port Size | Catalog Number | D | M | N | Across Flats |
|-----------|-----------|----------------|-------|------|------|--------------|
| 1/4 | 1/4 | 7515x4* | .203 | .89 | 1.03 | 7/16 |
| 5/16 | 5/16 | 7515x5 | .234 | .96 | 1.13 | 9/16 |
| 3/8 | 3/8 | 7515x6* | .281 | 1.05 | 1.25 | 9/16 |
| 1/2 | 1/2 | 7515x8* | .422 | 1.25 | 1.45 | 3/4 |
| 5/8 | 5/8 | 7515x10* | .500 | 1.42 | 1.70 | 7/8 |
| 3/4 | 3/4 | 7515x12* | .656 | 1.58 | 1.94 | 1-1/16 |
| 1 | 3/4 | 7515x16x12 | .875 | 1.73 | 2.05 | 1-5/16 |
| 1 | 1 | 7515x16* | .875 | 1.73 | 2.05 | 1-5/16 |
| 1-1/4 | 1-1/4 | 7515x20 | 1.093 | 1.89 | 2.25 | 1-5/8 |

Union Tee

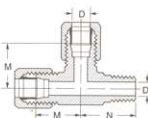
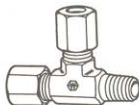
Stainless Steel No. 7717x
(Ref. SAE No. 080401)



| Tube O.D. | Catalog Number | D | M | Across Flats |
|-----------|----------------|------|------|--------------|
| 3/16 | 7705x3 | .125 | .83 | 7/16 |
| 1/4 | 7705x4* | .203 | .89 | 7/16 |
| 5/16 | 7705x5* | .234 | .95 | 9/16 |
| 3/8 | 7705x6* | .281 | 1.05 | 9/16 |
| 1/2 | 7705x8* | .422 | 1.25 | 3/4 |
| 5/8 | 7705x10* | .500 | 1.42 | 7/8 |
| 3/4 | 7705x12* | .656 | 1.58 | 1-1/16 |
| 7/8 | 7705x14 | .718 | 1.62 | 1-5/16 |
| 1 | 7705x16* | .875 | 1.73 | 1-5/16 |

Male Run Tee

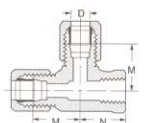
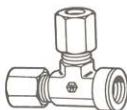
Stainless Steel No. 7767x
(Ref. SAE No. 080424)



| Tube O.D. | Male Pipe Thread | Catalog Number | D | D1 | M | N | Across Flats |
|-----------|------------------|----------------|------|------|------|------|--------------|
| 1/4 | 1/8 | 7755x4* | .203 | .188 | .89 | .78 | 7/16 |
| 1/4 | 1/4 | 7755x4x4x4* | .203 | .281 | 1.03 | 1.09 | 9/16 |
| 3/8 | 1/4 | 7755x6* | .281 | .281 | 1.05 | 1.09 | 9/16 |
| 1/2 | 3/8 | 7755x8 | .422 | .422 | 1.25 | 1.22 | 3/4 |
| 1/2 | 1/2 | 7755x8x8x8* | .422 | .531 | 1.35 | 1.47 | 7/8 |
| 5/8 | 1/2 | 7755x10 | .500 | .531 | 1.42 | 1.47 | 7/8 |
| 3/4 | 3/4 | 7755x12 | .656 | .719 | 1.58 | 1.59 | 1-1/16 |
| 1 | 1 | 7755x16 | .875 | .938 | 1.73 | 1.97 | 1-5/16 |

Female Run Tee

(Ref. SAE No. 080426)



| Tube O.D. | Fem. Pipe Thread | Catalog Number | D | M | N | Across Flats |
|-----------|------------------|----------------|------|------|------|--------------|
| 1/4 | 1/8 | 7805x4 | .203 | .89 | .66 | 9/16 |
| 1/4 | 1/4 | 7805x4x4x4 | .203 | 1.03 | .88 | 3/4 |
| 3/8 | 1/4 | 7805x6 | .281 | 1.05 | .88 | 3/4 |
| 1/2 | 3/8 | 7805x8 | .422 | 1.23 | 1.02 | 7/8 |
| 5/8 | 1/2 | 7805x10 | .500 | 1.42 | 1.23 | 1-1/16 |
| 3/4 | 3/4 | 7805x12 | .656 | 1.58 | 1.36 | 1-5/16 |

* Available in stainless steel.