

**1OT-SP**

SAE O-RING BOSS/BSPT MALE

| PART NO. | THREAD | | O-RING | | DIMENSIONS | | | | |
|--------------|------------|----------|--------|--|------------|------|------|----|--|
| | E | F | E | | A | B | L | S1 | |
| 1OT-04SPZ | 7/16"X20 | R1/4"X19 | O904 | | 9.10 | 14.5 | 29.5 | 17 | |
| 1OT-06SPZ | 9/16"X18 | R3/8"X19 | O906 | | 9.93 | 15 | 30.5 | 17 | |
| 1OT-06-04SPZ | 9/16"X18 | R1/4"X19 | O906 | | 9.93 | 14.5 | 30 | 19 | |
| 1OT-08-04SPZ | 3/4"X16 | R1/4"X19 | O908 | | 11.13 | 14.5 | 33.5 | 22 | |
| 1OT-08-06SPZ | 3/4"X16 | R3/8"X19 | O908 | | 11.13 | 15 | 34 | 22 | |
| 1OT-08SPZ | 3/4"X16 | R1/2"X14 | O908 | | 11.13 | 20 | 38 | 22 | |
| 1OT-10-06SPZ | 7/8"X14 | R3/8"X19 | O910 | | 12.7 | 15 | 37.5 | 27 | |
| 1OT-10-08SPZ | 7/8"X14 | R1/2"X14 | O910 | | 12.7 | 20 | 42.5 | 27 | |
| 1OT-12-08SPZ | 1.1/16"X12 | R1/2"X14 | O912 | | 15.09 | 20 | 46 | 32 | |
| 1OT-12SPZ | 1.1/16"X12 | R3/4"X14 | O912 | | 15.09 | 20 | 46 | 32 | |
| 1OT-16-12SPZ | 1.5/16"X12 | R3/4"X14 | O916 | | 15.09 | 20 | 46 | 38 | |
| 1OT-16SPZ | 1.5/16"X12 | R1"X11 | O916 | | 15.09 | 25.5 | 51 | 38 | |
| 1OT-20-16SPZ | 1.5/8"X12 | R1"X11 | O920 | | 15.09 | 25.5 | 55.5 | 50 | |

1. Material options for connector body and the O-ring.

| Connector body material | O-ring material | Part. No. suffix | Part No. example |
|-------------------------|-----------------|------------------|------------------|
| Carbon steel (Default) | NBR | Z | 1OT-08SPZ |
| 304 stainless steel | Viton | SR | 1OT-08SPSR |
| 316L stainless steel | Viton | SV | 1OT-08SPSV |
| 316Ti stainless steel | Viton | SY | 1OT-08SPSY |

2. Plating options and performance for carbon steel connectors.

| Plating method | Part. No. suffix | Part No. example | White rust (Hours) | Red rust(Hours) |
|------------------------|------------------|------------------|--------------------|-----------------|
| Cr3+ plating (Default) | Z | 1OT-08SPZ | 96 | 360 |
| Durakote plating | ZD | 1OT-08SPZD | 360 | 720 |
| Zinc-nickel plating | ZN | 1OT-08SPZN | 1000 | - |