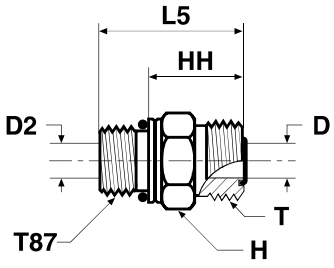
## F87OMLO Male stud connector

ORFS tube end / Male metric thread – O-ring (ISO 6149-2)
SAE 52M0187 ISO 8434-3 SDS




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2A T | D mm | D2 mm | H mm | HH mm | L5 mm | Weight (steel) g/1 piece | Steel | Stainless Steel | PN (bar) S | PN (bar) SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 10×1.0 | 9/16-18 | 4.5 | 3 | 17 | 18 | 27 | 20 | **4M10F87OMLOS** | **4M10F87OMLOSS** | 630 | 630 |
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 4.5 | 4 | 17 | 18 | 29 | 24 | **4M12F87OMLOS** | **4M12F87OMLOSS** | 630 | 630 |
| 6 | 1/4 | M 14×1.5 | 9/16-18 | 4.5 | 4.5 | 19 | 19 | 30 | 30 | **4M14F87OMLOS** | **4M14F87OMLOSS** | 630 | 630 |
| 6 | 1/4 | M 16×1.5 | 9/16-18 | 4.5 | 7 | 22 | 20 | 33 | 35 | **4M16F87OMLOS** | **4M16F87OMLOSS** | 630 | 630 |
| 8, 10 | 5/16, 3/8 | M 12×1.5 | 11/16-16 | 6.5 | 4 | 19 | 21 | 32 | 40 | **6M12F87OMLOS** | **6M12F87OMLOSS** | 630 | 630 |
| 8, 10 | 5/16, 3/8 | M 14×1.5 | 11/16-16 | 6.5 | 6 | 19 | 21 | 32 | 43 | **6M14F87OMLOS** | **6M14F87OMLOSS** | 630 | 630 |
| 8, 10 | 5/16, 3/8 | M 16×1.5 | 11/16-16 | 6.5 | 6.5 | 22 | 21 | 34 | 43 | **6M16F87OMLOS** | **6M16F87OMLOSS** | 630 | 630 |
| 8, 10 | 5/16, 3/8 | M 18×1.5 | 11/16-16 | 6.5 | 9 | 24 | 22 | 36 | 45 | **6M18F87OMLOS** | **6M18F87OMLOSS** | 630 | 630 |
| 8, 10 | 5/16, 3/8 | M 22×1.5 | 11/16-16 | 6.5 | 6.5 | 27 | 23 | 38 | 52 | **6M22F87OMLOS** | **6M22F87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 14×1.5 | 13/16-16 | 9.5 | 6 | 22 | 24 | 35 | 40 | **8M14F87OMLOS** | **8M14F87OMLOSS** | 630 | 630 |
| 12 | 1/2 | M 16×1.5 | 13/16-16 | 9.5 | 7 | 22 | 24 | 37 | 58 | **8M16F87OMLOS** | **8M16F87OMLOSS** | 630 | 630 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 9.5 | 9 | 24 | 24 | 38 | 55 | **8M18F87OMLOS** | **8M18F87OMLOSS** | 630 | 630 |
| 12 | 1/2 | M 22×1.5 | 13/16-16 | 9.5 | 9.5 | 27 | 24 | 39 | 60 | **8M22F87OMLOS** | **8M22F87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 27×2.0 | 13/16-16 | 9.5 | 9.5 | 32 | 26 | 44 | 70 | **8M27F87OMLOS** | **8M27F87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 1-14 | 12.5 | 9 | 27 | 27 | 41 | 120 | **10M18F87OMLOS** | **10M18F87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 12.5 | 12 | 27 | 27 | 42 | 127 | **10M22F87OMLOS** | **10M22F87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 27×2.0 | 1-14 | 12.5 | 13 | 32 | 29 | 47 | 177 | **10M27F87OMLOS** | **10M27F87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 22×1.5 | 1 3/16-12 | 15.5 | 12 | 32 | 30 | 45 | 170 | **12M22F87OMLOS** | **12M22F87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 15.5 | 15 | 32 | 30 | 49 | 187 | **12M27F87OMLOS** | **12M27F87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 33×2.0 | 1 3/16-12 | 15.5 | 20 | 41 | 33 | 52 | 200 | **12M33F87OMLOS** | **12M33F87OMLOSS** | 420 | 420 |
| 22, 25 | 1 | M 27×2.0 | 1 7/16-12 | 20.5 | 15 | 41 | 34 | 52 | 230 | **16M27F87OMLOS** | **16M27F87OMLOSS** | 420 | 420 |
| 22, 25 | 1 | M 33×2.0 | 1 7/16-12 | 20.5 | 20 | 41 | 34 | 52 | 270 | **16M33F87OMLOS** | **16M33F87OMLOSS** | 420 | 280 |
| 28, 30, 32 | 1 1/4 | M 33×2.0 | 1 11/16-12 | 26 | 20 | 46 | 36 | 54 | 370 | **20M33F87OMLOS** | **20M33F87OMLOSS** | 420 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 26 | 26 | 50 | 36 | 55 | 390 | **20M42F87OMLOS** | **20M42F87OMLOSS** | 420 | 280 |
| 35, 38 | 1 1/2 | M 42×2.0 | 2-12 | 32 | 26 | 55 | 36 | 55 | 400 | **24M42F87OMLOS** | **24M42F87OMLOSS** | 350 | 280 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 32 | 32 | 55 | 36 | 57 | 412 | **24M48F87OMLOS** | **24M48F87OMLOSS** | 350 | 280 |
| 50 | 2 | M 60×2.0 | 2 1/2-12 | 40 | 40 | 65 | 41 | 65 | 800 | **32M60F87OMLOS** | **32M60F87OMLOSS** | 200 | 280 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

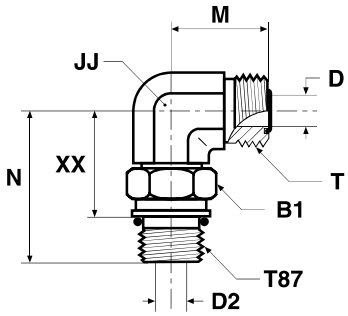
Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

## C87OMLO Male stud elbow

ORFS tube end / Male metric thread – O-ring (ISO 6149-2)
SAE 52M0287 ISO 8434-3 SDE




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2B T | B1 mm | D mm | D2 mm | JJ* mm | M mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | Stainless Steel | PN (bar) S | PN (bar) SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 10×1.0 | 9/16-18 | 14 | 4.5 | 3 | 14 | 22 | 31 | 21 | 50 | **4M10C87OMLOS** | **4M10C87OMLOSS** | 420 | 420 |
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 22 | 33 | 21 | 52 | **4M12C87OMLOS** | **4M12C87OMLOSS** | 420 | 420 |
| 6 | 1/4 | M 14×1.5 | 9/16-18 | 19 | 4.5 | 6 | 14 | 24 | 36 | 24 | 55 | **4M14C87OMLOS** | **4M14C87OMLOSS** | 420 | 420 |
| 8, 10 | 5/16, 3/8 | M 12×1.5 | 11/16-16 | 17 | 6.5 | 4 | 19 | 25 | 36 | 24 | 60 | **6M12C87OMLOS** | **6M12C87OMLOSS** | 420 | 420 |
| 8, 10 | 5/16, 3/8 | M 14×1.5 | 11/16-16 | 19 | 6.5 | 6 | 19 | 25 | 36 | 24 | 60 | **6M14C87OMLOS** | **6M14C87OMLOSS** | 420 | 420 |
| 8, 10 | 5/16, 3/8 | M 16×1.5 | 11/16-16 | 22 | 6.5 | 7 | 19 | 25 | 38 | 24 | 65 | **6M16C87OMLOS** | **6M16C87OMLOSS** | 420 | 420 |
| 8, 10 | 5/16, 3/8 | M 18×1.5 | 11/16-16 | 24 | 6.5 | 9 | 19 | 27 | 41 | 26 | 130 | **6M18C87OMLOS** | **6M18C87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 14×1.5 | 13/16-16 | 19 | 9.5 | 6 | 19 | 28 | 36 | 24 | 150 | **8M14C87OMLOS** | **8M14C87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 16×1.5 | 13/16-16 | 22 | 9.5 | 7 | 19 | 28 | 38 | 25 | 92 | **8M16C87OMLOS** | **8M16C87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 24 | 9.5 | 9 | 19 | 28 | 41 | 26 | 161 | **8M18C87OMLOS** | **8M18C87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 22×1.5 | 13/16-16 | 27 | 9.5 | 12 | 27 | 31 | 49 | 33 | 200 | **8M22C87OMLOS** | **8M22C87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 1-14 | 24 | 12.5 | 9 | 27 | 33 | 48 | 33 | 190 | **10M18C87OMLOS** | **10M18C87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 33 | 49 | 33 | 214 | **10M22C87OMLOS** | **10M22C87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 22×1.5 | 1 3/16-12 | 27 | 15.5 | 12 | 30 | 37 | 50 | 34 | 390 | **12M22C87OMLOS** | **12M22C87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 37 | 56 | 37 | 440 | **12M27C87OMLOS** | **12M27C87OMLOSS** | 420 | 420 |
| 22, 25 | 1 | M 33×2.0 | 1 7/16-12 | 41 | 20.5 | 20 | 36 | 42 | 59 | 41 | 501 | **16M33C87OMLOS** | **16M33C87OMLOSS** | 420 | 420 |
| 28, 30, 32 | 1 1/4 | M 33×2.0 | 1 11/16-12 | 41 | 26 | 20 | 41 | 45 | 62 | 43 | 530 | **20M33C87OMLOS** | **20M33C87OMLOSS** | 350 | 280 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 45 | 63 | 44 | 561 | **20M42C87OMLOS** | **20M42C87OMLOSS** | 280 | 280 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 50 | 49 | 72 | 50 | 684 | **24M48C87OMLOS** | **24M48C87OMLOSS** | 280 | 280 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

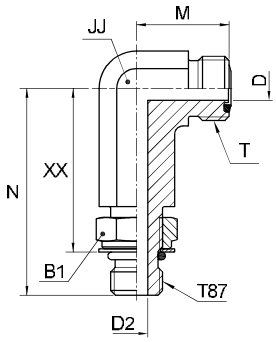
$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

## CC87OMLO Extended male stud elbow

ORFS tube end / Male metric thread – O-ring (ISO 6149-2)

SAE 52M1587 ISO 8434-3 SDEL




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2A T | D mm | D2 mm | M mm | N mm | XX mm | JJ mm | B1 mm | Weight (steel) g/1 piece | Steel | PN (bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 4.5 | 4 | 23 | 56 | 45 | 19 | 17 | 44 | **4M12CC87OMLOS** | 420 |
| 8, 10 | 5/16, 3/8 | M 14×1.5 | 11/16-16 | 6.5 | 6 | 25 | 56 | 45 | 19 | 19 | 51 | **6M14CC87OMLOS** | 420 |
| 8, 10 | 5/16, 3/8 | M 16×1.5 | 11/16-16 | 6.5 | 7 | 25 | 67 | 54 | 22 | 22 | 51 | **6M16CC87OMLOS** | 420 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 9.5 | 9 | 28 | 75 | 61 | 22 | 24 | 150 | **8M18CC87OMLOS** | 420 |
| 12 | 1/2 | M 22×1.5 | 13/16-16 | 9.5 | 12 | 32 | 88 | 74 | 27 | 27 | 150 | **8M22CC87OMLOS** | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 12.5 | 12 | 34 | 88 | 74 | 27 | 27 | 160 | **10M22CC87OMLOS** | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 15.5 | 15 | 38 | 101 | 83 | 33 | 32 | 290 | **12M27CC87OMLOS** | 420 |
| 22, 25 | 1 | M 33×2.0 | 1 7/16-12 | 20.5 | 20 | 41 | 115 | 96 | 41 | 41 | 480 | **16M33CC87OMLOS** | 420 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 26 | 26 | 45 | 127 | 107 | 41 | 50 | 630 | **20M42CC87OMLOS** | 280 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

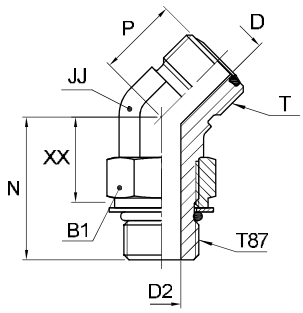
Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

## V87OMLO 45° male stud elbow

ORFS tube end / Male metric thread – O-ring (ISO 6149-2)
SAE 52M0387 ISO 8434-3 SDE45




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | P mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | Stainless Steel | PN (bar) S | PN (bar) SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 16 | 30 | 19 | 44 | **4M12V87OMLOS** | **4M12V87OMLOSS** | 420 | 420 |
| 8, 10 | 3/8 | M 16×1.5 | 11/16-16 | 22 | 6.5 | 7 | 19 | 19 | 33 | 20 | 82 | **6M16V87OMLOS** | **6M16V87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 24 | 9.5 | 9 | 19 | 20 | 37 | 22 | 110 | **8M18V87OMLOS** | **8M18V87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 23 | 44 | 29 | 190 | **10M22V87OMLOS** | **10M22V87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 26 | 50 | 31 | 288 | **12M27V87OMLOS** | **12M27V87OMLOSS** | 420 | 420 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 41 | 20.5 | 20 | 36 | 30 | 52 | 33 | 300 | **16M33V87OMLOS** | **16M33V87OMLOSS** | 420 | 420 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 32 | 54 | 35 | 444 | **20M42V87OMLOS** | **20M42V87OMLOSS** | 280 | 280 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 50 | 37 | 56 | 35 | 569 | **24M48V87OMLOS** | | 280 | — |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

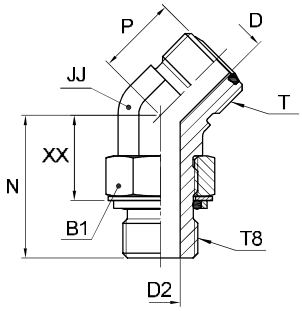
Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

## V8OMLO 45° male stud elbow

ORFS tube end / Male metric thread – O-ring + retaining ring




| Tube O.D. mm | Tube O.D. in. | Thread metric T8 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | P mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | PN (bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 16 | 30 | 19 | 44 | **4M12V8OMLOS** | 250 |
| 10 | 3/8 | M 16×1.5 | 11/16-16 | 19 | 6.5 | 7 | 19 | 19 | 33 | 19 | 82 | **6M16V8OMLOS** | 250 |
| 12 | 1/2 | M 14×1.5 | 13/16-16 | 17 | 9.5 | 6 | 19 | 20 | 32 | 21 | 92 | **8M14V8OMLOS** | 250 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 22 | 9.5 | 9 | 19 | 20 | 37 | 21 | 110 | **8M18V8OMLOS** | 250 |
| 14, 15, 16 | 5/8 | M 18×1.5 | 1-14 | 22 | 12.5 | 9 | 27 | 24 | 43 | 27 | 160 | **10M18V8OMLOS** | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 23 | 44 | 27 | 190 | **10M22V8OMLOS** | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 26 | 50 | 30 | 288 | **12M27V8OMLOS** | 250 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 38 | 20.5 | 20 | 36 | 30 | 52 | 32 | 300 | **16M33V8OMLOS** | 140 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 32 | 54 | 33 | 444 | **20M42V8OMLOS** | 140 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 50 | 37 | 56 | 32 | 568 | **24M48V8OMLOS** | 140 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

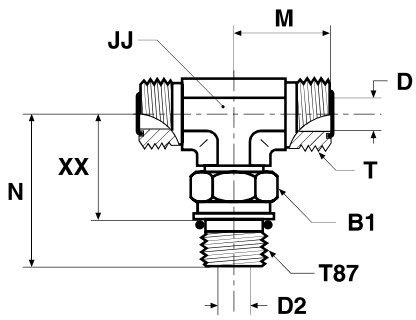
$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

## S87OMLO Male stud branch tee

ORFS tube ends / Adjustable metric thread – O-ring (ISO 6149)

SAE 52M0489 ISO 8434-3 SDBT




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | M mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | Stainless Steel | PN (bar) S | PN (bar) SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 22 | 33 | 21 | 66 | **4M12S87OMLOS** | **4M12S87OMLOSS** | 420 | 420 |
| 8, 10 | 3/8 | M 16×1.5 | 11/16-16 | 22 | 6.5 | 7 | 19 | 25 | 37 | 24 | 131 | **6M16S87OMLOS** | **6M16S87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 24 | 9.5 | 9 | 19 | 28 | 41 | 26 | 187 | **8M18S87OMLOS** | **8M18S87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 33 | 49 | 33 | 283 | **10M22S87OMLOS** | **10M22S87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 37 | 55 | 36 | 549 | **12M27S87OMLOS** | **12M27S87OMLOSS** | 420 | 420 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 41 | 20.5 | 20 | 36 | 42 | 59 | 41 | 565 | **16M33S87OMLOS** | **16M33S87OMLOSS** | 420 | 420 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 45 | 62 | 43 | 824 | **20M42S87OMLOS** | **20M42S87OMLOSS** | 280 | 280 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 48 | 49 | 69 | 50 | 940 | **24M48S87OMLOS** | | 280 | — |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – seesee page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

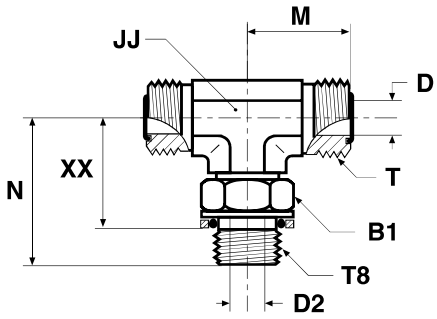
$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

*JJ may vary in stainless steel

## S8OMLO Male stud branch tee

ORFS tube end / Adjustable metric thread – O-ring + retaining ring




| Tube O.D. mm | Tube O.D. in. | Thread metric T8 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | M mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | PN (bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 22 | 33 | 22 | 66 | **4M12S8OMLOS** | 250 |
| 8, 10 | 3/8 | M 16×1.5 | 11/16-16 | 19 | 6.5 | 7 | 19 | 25 | 38 | 24 | 131 | **6M16S8OMLOS** | 250 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 22 | 9.5 | 9 | 19 | 28 | 41 | 25 | 187 | **8M18S8OMLOS** | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 33 | 49 | 31 | 283 | **10M22S8OMLOS** | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 37 | 55 | 35 | 550 | **12M27S8OMLOS** | 250 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 38 | 20.5 | 20 | 36 | 42 | 59 | 39 | 566 | **16M33S8OMLOS** | 140 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 45 | 62 | 41 | 824 | **20M42S8OMLOS** | 140 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 48 | 49 | 72 | 47 | 940 | **24M48S8OMLOS** | 140 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$

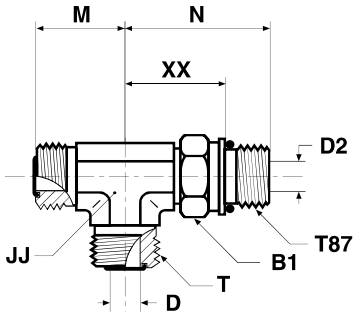
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

*JJ may vary in stainless steel.

## R87OMLO Male stud run tee

ORFS tube ends / Adjustable metric thread – O-ring (ISO 6149)

SAE 52M0488 ISO 8434-3 SDRT




| Tube O.D. mm | Tube O.D. in. | Thread metric T87 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | M mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | Stainless Steel | PN (bar) S | PN (bar) SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 22 | 33 | 21 | 66 | **4M12R87OMLOS** | **4M12R87OMLOSS** | 420 | 420 |
| 6 | 1/4 | M 14×1.5 | 11/16-16 | 19 | 6.5 | 6 | 19 | 25 | 36 | 21 | 129 | **6M14R87OMLOS** | **6M14R87OMLOSS** | 420 | 420 |
| 8, 10 | 3/8 | M 16×1.5 | 11/16-16 | 22 | 6.5 | 7 | 19 | 25 | 38 | 24 | 131 | **6M16R87OMLOS** | **6M16R87OMLOSS** | 420 | 420 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 24 | 9.5 | 9 | 19 | 28 | 41 | 26 | 187 | **8M18R87OMLOS** | **8M18R87OMLOSS** | 420 | 420 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 33 | 49 | 33 | 283 | **10M22R87OMLOS** | **10M22R87OMLOSS** | 420 | 420 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 37 | 55 | 36 | 549 | **12M27R87OMLOS** | **12M27R87OMLOSS** | 420 | 420 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 41 | 20.5 | 20 | 36 | 42 | 59 | 41 | 565 | **16M33R87OMLOS** | **16M33R87OMLOSS** | 420 | 420 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 45 | 63 | 43 | 824 | **20M42R87OMLOS** | **20M42R87OMLOSS** | 280 | 280 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 48 | 49*1 | 69 | 50 | 940 | **24M48R87OMLOS** | | 280 | — |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

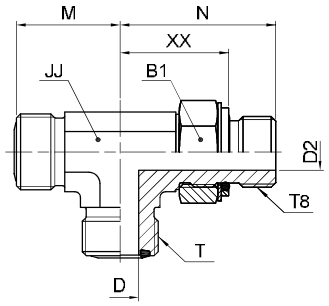
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

*JJ may vary in stainless steel.

*1M=52 in stainless steel.

## R8OMLO Male stud run tee

ORFS tube end / Adjustable metric thread – O-ring + retaining ring




| Tube O.D. mm | Tube O.D. in. | Thread metric T8 | Thread UN/UNF-2A T | B1 mm | D mm | D2 mm | JJ* mm | M mm | N mm | XX mm | Weight (steel) g/1 piece | Steel | PN (bar) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1/4 | M 12×1.5 | 9/16-18 | 17 | 4.5 | 4 | 14 | 22 | 33 | 22 | 66 | **4M12R8OMLOS** | 250 |
| 8, 10 | 3/8 | M 16×1.5 | 11/16-16 | 19 | 6.5 | 7 | 19 | 25 | 38 | 24 | 131 | **6M16R8OMLOS** | 250 |
| 12 | 1/2 | M 18×1.5 | 13/16-16 | 22 | 9.5 | 9 | 19 | 28 | 41 | 25 | 187 | **8M18R8OMLOS** | 250 |
| 14, 15, 16 | 5/8 | M 22×1.5 | 1-14 | 27 | 12.5 | 12 | 27 | 33 | 49 | 31 | 283 | **10M22R8OMLOS** | 250 |
| 18, 20 | 3/4 | M 27×2.0 | 1 3/16-12 | 32 | 15.5 | 15 | 30 | 37 | 55 | 35 | 550 | **12M27R8OMLOS** | 250 |
| 25 | 1 | M 33×2.0 | 1 7/16-12 | 38 | 20.5 | 20 | 36 | 42 | 59 | 39 | 566 | **16M33R8OMLOS** | 140 |
| 28, 30, 32 | 1 1/4 | M 42×2.0 | 1 11/16-12 | 50 | 26 | 26 | 41 | 45 | 62 | 41 | 824 | **20M42R8OMLOS** | 140 |
| 35, 38 | 1 1/2 | M 48×2.0 | 2-12 | 55 | 32 | 32 | 48 | 49*1 | 72 | 47 | 940 | **24M48R8OMLOS** | 140 |

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

*JJ may vary in stainless steel.

*1M=52 in stainless steel.