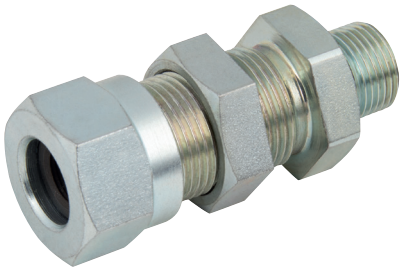
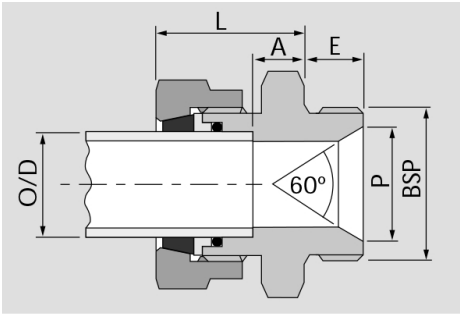
# Male Stud Bulkheads






**Benefits:**

- Leak free O-ring seal
- Safe joint every time
- Low tightening torque and clamping force rises with the internal pressure.
- Low installed cost, no welding (so inert gas purging, NDT and excessive flushing are not required), minimal tube preparation and no special assembly equipment required.
- Demountable and reusable, can be used with most tube materials.

**Features:**

Body– mild steel, compatible with most fluids and environments. Locates O-ring and tube.

O-ring– nitrile, compatible with most fluids, highly resistant to leakage even under severe vibration, pressure pulsation and temperature cycling. Provides diametric seal between the O/D and body cavity.

Nut- mild steel, compatible with environments. Closes split collet and retains sealing mechanism.

Back-up washer– mild steel. Provides additional support for the tube and locates the O-ring.

Split collet– mild steel. Clamping force rises with pressure. Large clamping area ensures minimal deformation of the tube. Retains tube in position.

**Working Temperature:**
Nitrile: -40°C to +100°C
Viton: -20°C to +150°C

**Maximum Working Pressure:**
6mm to 22mm: 680 bar
25mm to 50mm: 500 bar

**All fittings also available in the following materials upon request:**

- Stainless steel
- Cupro-nickel

**Seals available on request:**

- EP (ethylene propylene)
- FEP encapsulated FPM

All fittings supplied with Nitrile seals as standard.

| BSPP | | |
|---|---|---|
| **Part Number** | **O.D. mm** | **Thread** |
| **KRAM8-4BHR** | 8 | 1/4” |
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| **KRAM10-6BHR** | 10 | 3/8” |
| **KRAM12-6BHR** | 12 | 3/8” |
| **KRAM16-8BHR** | 16 | 1/2” |
| **KRAM20-12BHR** | 20 | 3/4” |
| **KRAM25-16BHR** | 25 | 1” |
| **KRAM38-20BHR** | 38 | 1.1/4” |
| **KRAM38-24BHR** | 38 | 1.1/2” |

| O/D mm | Stud BSP | Part No | Dimensions - mm A | E | L | P | Nut | Body |
|---|---|---|---|---|---|---|---|---|
| 6 | 1/4" | AM6-4MSCR | 11 | 11 | 26 | 11 | 16 | 19 |
| 6 | 3/8" | AM6-6MSCR | 13 | 13 | 28 | 14 | 16 | 22 |
| 8 | 1/8" | AM8-2MSCR | 11 | 10 | 26 | 8 | 17 | 17 |
| 8 | 1/4" | AM8-4MSCR | 11 | 11 | 26 | 11 | 17 | 19 |
| 8 | 3/8" | AM8-6MSCR | 13 | 13 | 28 | 14 | 17 | 22 |
| 10 | 1/4" | AM10-4MSCR | 10 | 11 | 32 | 11 | 27 | 27 |
| 10 | 3/8" | AM10-6MSCR | 10 | 13 | 32 | 14 | 27 | 27 |
| 10 | 1/2" | AM10-8MSCR | 10 | 16 | 32 | 18 | 27 | 27 |
| 12 | 3/8" | AM12-6MSCR | 10 | 13 | 32 | 14 | 27 | 27 |
| 12 | 1/2" | AM12-8MSCR | 10 | 16 | 32 | 18 | 27 | 27 |
| 12 | 3/4" | AM12-12MSCR | 11 | 19 | 33 | 23 | 27 | 33 |
| 16 | 3/8" | AM16-6MSCR | 11 | 13 | 34 | 14 | 32 | 27 |
| 16 | 1/2" | AM16-8MSCR | 11 | 16 | 34 | 18 | 32 | 27 |
| 16 | 3/4" | AM16-12MSCR | 13 | 19 | 36 | 23 | 32 | 33 |
| 20 | 1/2" | AM20-8MSCR | 11 | 16 | 41 | 18 | 41 | 36 |
| 20 | 3/4" | AM20-12MSCR | 11 | 19 | 41 | 23 | 41 | 36 |
| 20 | 1" | AM20-16MSCR | 13 | 21 | 44 | 29 | 41 | 41 |
| 22 | 3/4" | AM22-12MSCR | 13 | 19 | 44 | 23 | 41 | 41 |
| 25 | 3/4" | AM25-12MSCR | 15 | 19 | 46 | 23 | 46 | 41 |
| 25 | 1" | AM25-16MSCR | 15 | 21 | 46 | 29 | 46 | 41 |
| 25 | 1 1/4" | AM25-20MSCR | 18 | 21 | 49 | 37 | 46 | 50 |
| 30 | 1" | AM30-16MSCR | 19 | 21 | 53 | 29 | 50 | 46 |
| 30 | 1 1/4" | AM30-20MSCR | 19 | 21 | 53 | 37 | 50 | 50 |
| 38 | 1" | AM38-16MSCR | 24 | 21 | 62 | 29 | 60 | 55 |
| 38 | 1 1/4" | AM38-20MSCR | 24 | 21 | 62 | 37 | 60 | 55 |
| 38 | 1 1/2" | AM38-24MSCR | 24 | 25 | 62 | 43 | 60 | 60 |
| 50 | 1 1/4" | AM50-20MSCR | 30 | 21 | 80 | 37 | 80 | 80 |
| 50 | 1 1/2" | AM50-24MSCR | 30 | 25 | 81 | 43 | 80 | 80 |
| 50 | 2" | AM50-32MSCR | 30 | 30 | 81 | 55 | 80 | 80 |