

# PVT4 BOP FLAT FACE SCREW



### Technical Data

| Normal size |    |     |      | Max working pressure<br>MPa | Rated flow<br>l/min | Max flow rate<br>l/min | Min burst pressure |               |                | Fluid spillage<br>cc |
|-------------|----|-----|------|-----------------------------|---------------------|------------------------|--------------------|---------------|----------------|----------------------|
| DNP         | BG | ISO | mm   |                             |                     |                        | Male<br>MPa        | Female<br>MPa | Coupled<br>MPa |                      |
| 25          | 4  | 19  | 14.8 | 35                          | 100                 | 200                    | 130                | 140           | 130            | 0.020                |

### APPLICATIONS

Designed specially for BOP (Blowout Preventer) accumulator systems in the Oil and Gas market. Red colour on coupling and nipple designates that the couplings are BOP fire approved. API 16D Certificate that states that all couplings must maintain pressure when exposed to 1300° F (700° C) for a 5 minute period.

### FEATURES

- A non-interchangeable upgrade to the FSI series.
- High Tech Z - 786 Anti-Corrosion plating salt spray tested for 700 hours before any appearance of surface red rust.
- Slimmer design than FSI with no loss in flow rate.
- High pressure, low pressure drop and high impulse applications.
- Seal is blowout resistant to 5,000 psi when connecting and disconnecting with residual pressure.
- Exceeds 1,000,000 impulse cycles.
- Flat face design eliminates spillage upon disconnection.
- Thread to connect style coupling eliminates brinelling issues.
- Heavy Duty Hex Nut.
- Standard Threads: NPT.

### CONSTRUCTION

**Occlusion:** Flat face.  
**Material:** Steel.  
**Standard:** FKM and PU.  
**Approval:** API 16D.

### TEMPERATURE RANGE

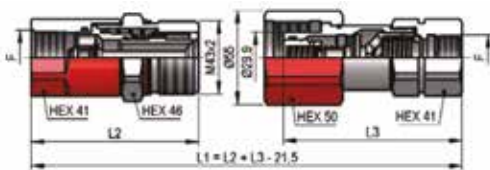
-25°C up to +100°C.

### THREADS



### PVT4 BOP DN25 - BG 4 - ISO 19

| Symbol | L2   | L3  | F               | Standard     | Female            |            |                  | Male              |            |                  |
|--------|------|-----|-----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|        |      |     |                 |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1   | 94.5 | 105 | BSP 3/4         | DIN 3852-2-X | PVT4.2519.112 BOP | 754        | 12               | PVT4.2519.113 BOP | 751        | 12               |
|        | 94.5 | 105 | NPT 3/4         | ANSI B1.20.3 | PVT4.2519.012 BOP | 759        | 12               | PVT4.2519.013 BOP | 758        | 12               |
|        | 97.5 | 105 | BSP 1           | DIN 3852-2-X | PVT4.2525.112 BOP | 725        | 12               | PVT4.2525.113 BOP | 693        | 12               |
|        | 97.5 | 105 | NPT 1           | ANSI B1.20.3 | PVT4.2525.012 BOP | 731        | 12               | PVT4.2525.013 BOP | 700        | 12               |
| IG 2   | 95   | 105 | 1 1/16-12 IN 2B | SAE J 1926-1 | PVT4.2527.032 BOP | 762        | 12               | PVT4.2527.033 BOP | 745        | 12               |
|        | 95   | 105 | 1 5/16-12 IN 2B | SAE J 1926-1 | PVT4.2533.032 BOP | 703        | 12               | PVT4.2533.033 BOP | 687        | 12               |



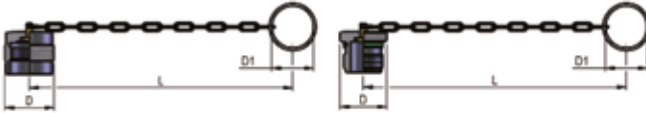


# PVT4 BOP FLAT FACE SCREW

## PLASTIC CAPS

| Nominal size |    |     | Female dust plug |    |     |      |            | Male dust cap |    |     |      |            | Colour | Material |
|--------------|----|-----|------------------|----|-----|------|------------|---------------|----|-----|------|------------|--------|----------|
| DNP          | BG | ISO | COD.F            | D* | L*  | D1*  | Weight (g) | COD.M         | D* | L*  | D1*  | Weight (g) |        |          |
| 25           | 4  | 19  | SPVT.25002       | 53 | 290 | 47.5 | 72         | SPVT.25003    | 48 | 290 | 47.5 | 74         | Black  | PVC      |

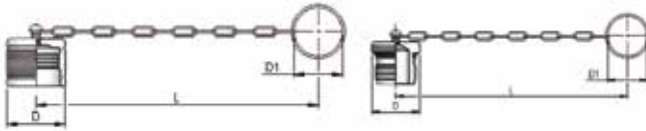
\* Dimensions.



## METAL CAPS

| Nominal size |    |     | Female dust plug |      |     |      |            | Male dust cap |    |     |      |            | Material |
|--------------|----|-----|------------------|------|-----|------|------------|---------------|----|-----|------|------------|----------|
| DNP          | BG | ISO | COD.F            | D*   | L*  | D1*  | Weight (g) | COD.M         | D* | L*  | D1*  | Weight (g) |          |
| 25           | 4  | 19  | SPVT.25202       | 49.5 | 275 | 47.5 | 84         | SPVT.25203    | 48 | 275 | 47.5 | 115        | Aluminum |

\* Dimensions.



## SPARE PARTS

| Nominal size |    |     | Female gasket |               |             |
|--------------|----|-----|---------------|---------------|-------------|
| DNP          | BG | ISO | OR-E (VITON)  | OR (VITON)    | BK (PTFE)   |
| 25           | 4  | 19  | PVT.025.121 V | PLT.025.120 V | PLT.025.130 |

