



# PST4 BOP FLAT FACE SCREW API 16D

## 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 |                      |
| 20          | 3  | 12.5 | 10.7 | 35                          | 45                  | 90                     | 140                | 140           | 140            | 0.012                |
| 22          | 4A | 16   | 12.8 | 35                          | 74                  | 150                    | 140                | 140           | 140            | 0.015                |
| 25          | 4  | 19   | 14.8 | 35                          | 100                 | 200                    | 140                | 140           | 140            | 0.020                |
| 30          | 5  | 25   | 17.6 | 35                          | 189                 | 280                    | 140                | 140           | 140            | 0.030                |
| 39          | 7  | 40   | 30   | 30                          | 379                 | 700                    | 120                | 120           | 120            | 0.050                |

## APPLICATIONS

Used for Hydraulic control Lines where Clean and secure High pressure connections are required. Screw lock connection allows safe and secure High pressure connection. Used where pressures of 3000 Psi and API16D is a requirement. BOP Systems and Top Drives.

## FEATURES

- Flat Face Connection.
- Screw together lock.
- Quick Connection.
- Interchange: Stucchi VEP.
- Red Colour code to Identify BOP Coupler.
- API16D (Qualification Fire Test API Specification 16 D (Spec 16D Sec 10), Second Edition, July 2004).

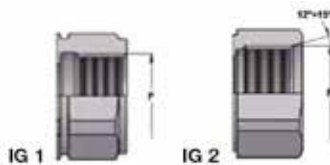
## CONSTRUCTION

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

## TEMPERATURE RANGE

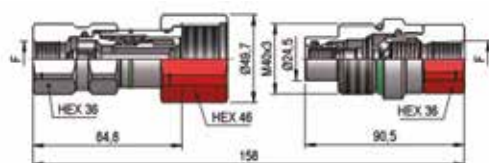
-25°C up to +200°C.

## THREADS



## PST4 BOP DN20 - BG 3 - ISO 12.5

| Symbol | F               | Standard     | Female            |            |                  | Male              |            |                  |
|--------|-----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|        |                 |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1   | BSP 1/2         | DIN 3852-2-X | PST4.2013.112 BOP | 665        | 12               | PST4.2013.113 BOP | 542        | 12               |
|        | NPT 1/2         | ANSI B1.20.3 | PST4.2013.012 BOP | 659        | 12               | PST4.2013.013 BOP | 542        | 12               |
|        | BSP 3/4         | DIN 3852-2-X | PST4.2019.112 BOP | 622        | 12               | PST4.2019.113 BOP | 503        | 12               |
|        | NPT 3/4         | ANSI B1.20.3 | PST4.2019.012 BOP | 630        | 12               | PST4.2019.013 BOP | 510        | 12               |
| IG 2   | 3/4-16 UNF 2B   | SAE J 1926-1 | PST4.2019.032 BOP | 630        | 12               | PST4.2019.033 BOP | 544        | 12               |
|        | 1 1/16-12 UN 2B | SAE J 1926-1 | PST4.2027.032 BOP | 616        | 12               | PST4.2027.033 BOP | 498        | 12               |



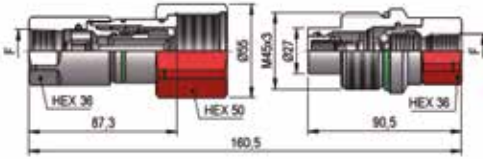
# PST4 BOP

## FLAT FACE SCREW API 16D



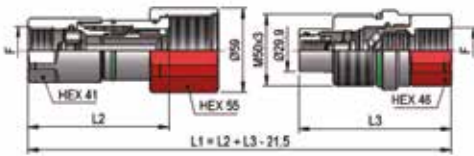
### PST4 BOP DN22 - BG 4A - ISO 16

| Symbol | F               | Standard     | Female            |            |                  | Male              |            |                  |
|--------|-----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|        |                 |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1   | BSP 3/4         | DIN 3852-2-X | PST4.2219.112 BOP | 750        | 12               | PST4.2219.113 BOP | 593        | 12               |
|        | NPT 3/4         | ANSI B1.20.3 | PST4.2219.012 BOP | 758        | 12               | PST4.2219.013 BOP | 599        | 12               |
| IG 2   | 1 1/16-12 UN 2B | SAE J 1926-1 | PST4.2227.032 BOP | 743        | 12               | PST4.2227.033 BOP | 588        | 12               |



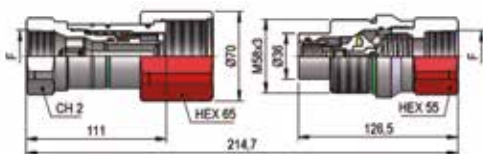
### PST4 BOP DN25 - BG 4 - ISO 19

| Symbol | L2   | L3  | F               | Standard     | Female            |            |                  | Male              |            |                  |
|--------|------|-----|-----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|        |      |     |                 |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1   | 96   | 103 | BSP 3/4         | DIN 3852-2-X | PST4.2519.112 BOP | 1026       | 12               | PST4.2519.113 BOP | 980        | 12               |
|        | 96   | 104 | NPT 3/4         | ANSI B1.20.3 | PST4.2519.012 BOP | 1031       | 12               | PST4.2519.013 BOP | 987        | 12               |
|        | 99   | 1-7 | BSP 1           | DIN 3852-2-X | PST4.2525.112 BOP | 997        | 12               | PST4.2525.113 BOP | 922        | 12               |
|        | 99   | 1-7 | NPT 1           | ANSI B1.20.3 | PST4.2525.012 BOP | 1003       | 12               | PST4.2525.013 BOP | 932        | 12               |
| IG 2   | 96.5 | 104 | 1 1/16-12 UN 2B | SAE J 1926-1 | PST4.2527.032 BOP | 1034       | 12               | PST4.2527.033 BOP | 955        | 12               |
|        | 96.5 | 105 | 1 5/16-12 UN 2B | SAE J 1926-1 | PST4.2533.032 BOP | 975        | 12               | PST4.2533.033 BOP | 897        | 12               |



### PST4 BOP DN30 - BG 5 - ISO 25

| Symbol | CH2 | F               | Standard     | Female            |            |                  | Male              |            |                  |
|--------|-----|-----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|        |     |                 |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1   | 50  | BSP 1           | DIN 3852-2X  | PST4.3025.112 BOP | 1700       | 12               | PST4.3025.113 BOP | 1656       | 12               |
|        | 50  | NPT 1           | ANSI B1.20.3 | PST4.3025.012 BOP | 1722       | 12               | PST4.3025.013 BOP | 1662       | 12               |
|        | 55  | BSP 1 1/4       | DIN 3852-2X  | PST4.3031.112 BOP | 1700       | 12               | PST4.3031.113 BOP | 1519       | 12               |
|        | 55  | NPT 1 1/4       | ANSI B1.20.3 | PST4.3031.012 BOP | 1715       | 12               | PST4.3031.013 BOP | 1540       | 12               |
| IG 2   | 50  | 1 5/16-12 UN 2B | SAE J 1926-1 | PST4.3033.032 BOP | 1698       | 12               | PST4.3036.033 BOP | 1645       | 12               |
|        | 55  | 1 5/8-12 UN 2B  | SAE J 1926-1 | PST4.3041.032 BOP | 1703       | 12               | PST4.3041.033 BOP | 1549       | 12               |

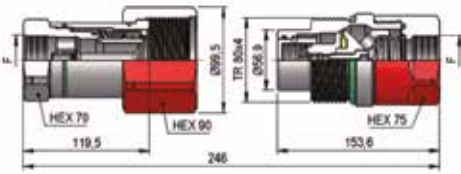




# PST4 BOP FLAT FACE SCREW API 16D

## PST4 BOP DN39 - BG 7 - ISO 40

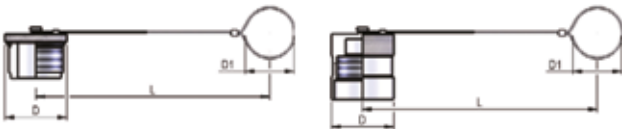
|      | F              | Standard     | Female            |            |                  | Male              |            |                  |
|------|----------------|--------------|-------------------|------------|------------------|-------------------|------------|------------------|
|      |                |              | COD.F             | Weight (g) | Packaging (pcs.) | COD.M             | Weight (g) | Packaging (pcs.) |
| IG 1 | BSP 1 1/4      | DIN 3852-2-X | PST4.3931.112 BOP | 3572       | 6                | PST4.3931.113 BOP | 3822       | 6                |
|      | NPT 1 1/4      | ANSI B1.20.3 | PST4.3931.012 BOP | 3590       | 6                | PST4.3931.013 BOP | 3840       | 6                |
|      | BSP 1 1/2      | DIN 3852-2-X | PST4.3939.112 BOP | 3500       | 6                | PST4.3939.113 BOP | 3750       | 6                |
|      | NPT 1 1/2      | ANSI B1.20.3 | PST4.3939.012 BOP | 3515       | 6                | PST4.3939.013 BOP | 3767       | 6                |
| IG 2 | 1 5/8-12 UN 2B | SAE J 1926-1 | PST4.3941.032 BOP | 3570       | 6                | PST4.3941.033 BOP | 3820       | 6                |
|      | 1 7/8-12 UN 2B | SAE J 1926-1 | PST4.3947.032 BOP | 3490       | 6                | PST4.3947.033 BOP | 3728       | 6                |



## 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) |          |
| 20           | 3  | 12.5 | SPST.20202       | 45 | 215 | 30  | 75         | SPST.20203    | 45 | 215 | 30  | 90         | Aluminum |
| 22           | 4A | 16   | SPST.22202       | 50 | 215 | 30  | 102        | SPST.22203    | 50 | 215 | 30  | 109        | Aluminum |
| 25           | 4  | 19   | SPST.25202       | 55 | 230 | 30  | 152        | SPST.25203    | 55 | 230 | 30  | 155        | Aluminum |
| 30           | 5  | 25   | SPST.30202       | 65 | 350 | 45  | 214        | SPST.30203    | 65 | 350 | 45  | 225        | Aluminum |
| 39           | 7  | 40   | SPST.39202       | 90 | 380 | 50  | 400        | SPST.39203    | 90 | 380 | 50  | 509        | Aluminum |

\* Dimensions.



## SPARE PARTS

| Nominal size |    |      | Male gasket   |               | Male gasket |  |
|--------------|----|------|---------------|---------------|-------------|--|
| DNP          | BG | ISO  | OR-E (MITON)  | OR-E (MITON)  | BK (PTFE)   |  |
| 20           | 3  | 12.5 | PGR.025.120 V | PLT.019.120 V | PLT.019.130 |  |
| 22           | 4A | 16   | PBV.025.120 V | PLT.022.120 V | PLT.022.130 |  |
| 25           | 4  | 19   | PAV.030.120 V | PLT.025.120 V | PLT.025.130 |  |
| 30           | 5  | 25   | PDV.039.120 V | PLT.031.120 V | PLT.031.130 |  |
| 39           | 7  | 40   | PST.039.122 V | PLT.093.120 V | PLT.039.130 |  |

