

| Model Number | GS4000 | | GS4200 | | HI2000 | | LP1000 | |
|--------------------|--------------------------------|--|--------------------------|--|--------------------------|--|--------------------------------|--|
| Process connection | | | | | | | | |
| Sealing method | Bonded Seal (Dowty) < 1000 bar | | Copper washer (annealed) | | Copper washer (annealed) | | Bonded Seal (Dowty) < 1000 bar | |
| | Z0006 | | Z0068 | | Z0068 | | Z0006 | |
| Counter part | | | | | | | | |

TIGHTENING TORQUES

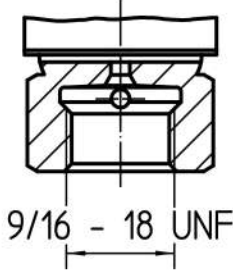
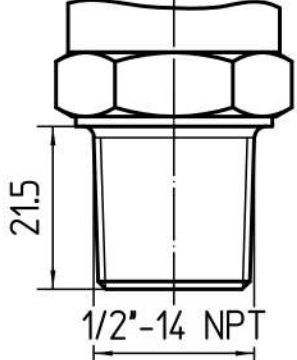
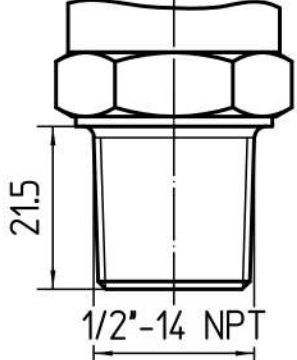
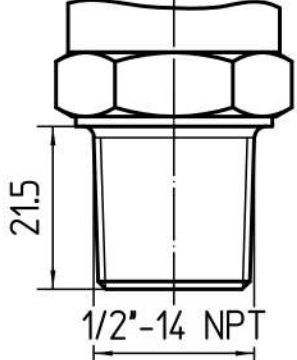
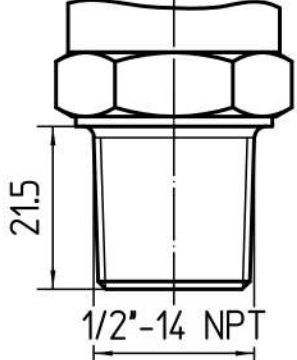
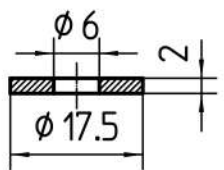
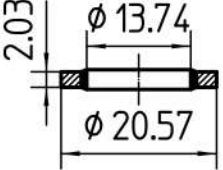
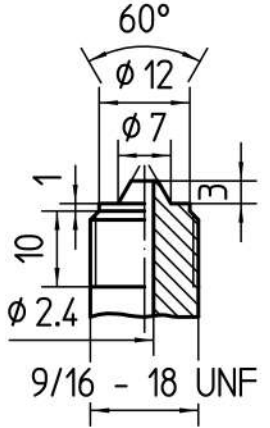
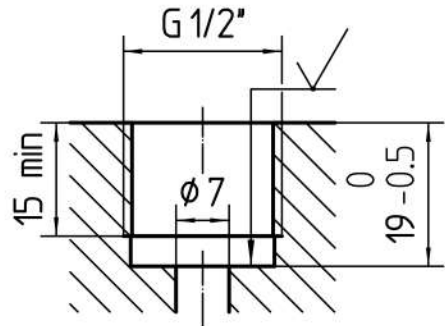
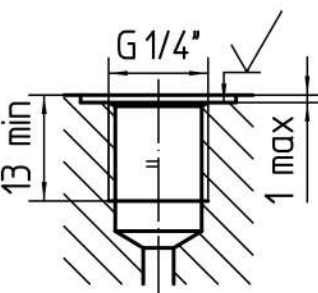
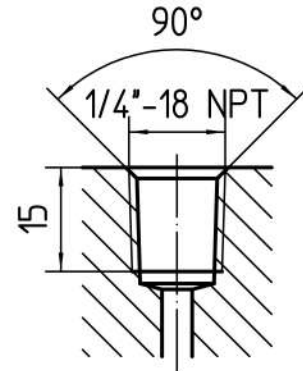
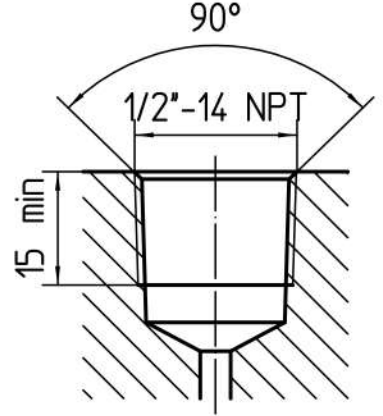
* The torque values apply only to test conditions and are a guideline only. Tightening torques for installation depend on many factors, including materials, lubrication, coating and surface treatment. If in doubt, consult the manufacturer.

** NPT threads to have an additional sealant to BS EN 751 (e.g. PTFE tape).

*** Tightening torque and maximum pressure should be in accordance with high pressure pipe supplier's documentation.

| Thread type | Torque settings | | | |
|-----------------------------------|-----------------|---------------------|----------------------|-------------------------------|
| | P ≤ 100 bar | 100bar < P ≤ 400bar | 600bar < P ≤ 1500bar | 2000 bar 4000 and 5000 bar |
| G1/4 (BSP) | 35 Nm Max. | | | N/A |
| 1/4-18 NPT | 35 Nm Max. | | | N/A |
| G1/2 (BSP) | 50 Nm Max. | | | |
| 1/2-14 NPT | 50 Nm Max. | | | |
| F250C (9/16-18UNF Female conical) | N/A | N/A | 30 to 35 Nm | 32 to 35 Nm*** |

$$\sqrt{\quad} = \sqrt{\quad} \text{ Ra } 3.2 \text{ max}$$

| Model Number | HP1003 | PR3100 | | | |
|--------------------|---|---|---|--|---|
| Process connection |  | <td> <td> <td></td> </td></td> | <td> <td></td> </td> | <td></td> |  |
| Sealing method | Metal seal (cone) | Copper washer (annealed) | Bonded seal (Dowty) <1000 bar | | Sealant according BS EN 751, e.g. PTFE tape |
| | | Z0942  | Z0006  | Sealant according BS EN 751, e.g. PTFE tape | |
| Counter part |  |  |  |  |  |

TIGHTENING TORQUES

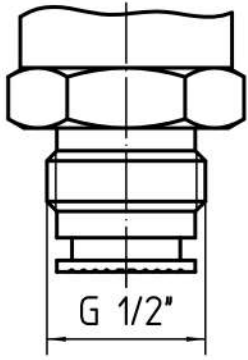
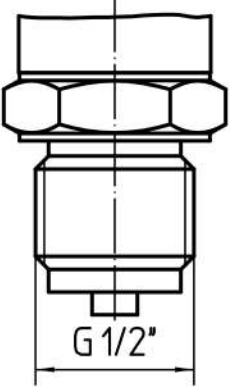
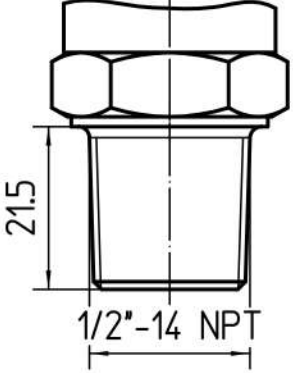
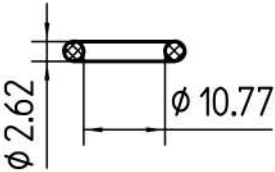
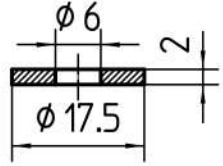
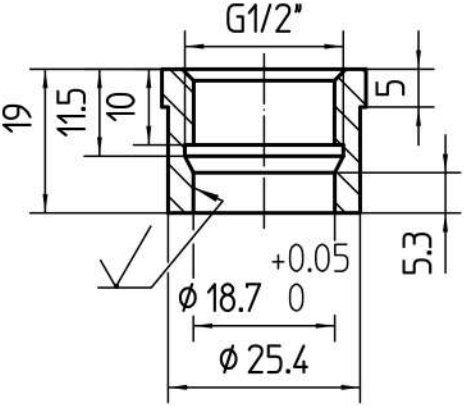
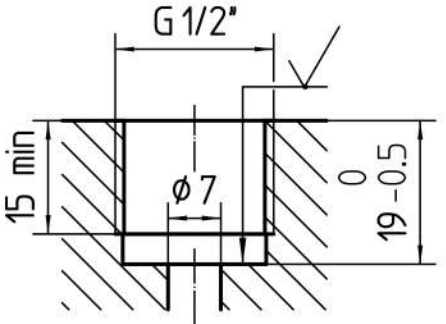
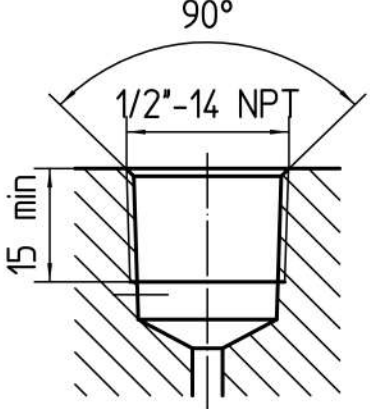
* The torque values apply only to test conditions and are a guideline only. Tightening torques for installation depend on many factors, including materials, lubrication, coating and surface treatment. If in doubt, consult the manufacturer.

** NPT threads to have an additional sealant to BS EN 751 (e.g. PTFE tape).

*** Tightening torque and maximum pressure should be in accordance with high pressure pipe supplier's documentation.

| Thread type | Torque settings | | | |
|--------------------------------------|-----------------|---------------------|----------------------|-------------------------------|
| | P ≤ 100 bar | 100bar < P ≤ 400bar | 600bar < P ≤ 1500bar | 2000 bar 4000 and 5000 bar |
| G1/4 (BSP) 1/4-18 NPT | 35 Nm Max. | | N/A | N/A |
| G1/2 (BSP) 1/2-14 NPT | 50 Nm Max. | | | |
| F250C (9/16-18UNF Female conical) | N/A | N/A | 30 to 35 Nm | 32 to 35 Nm*** |

$$\sqrt{\quad} = \sqrt{\quad} \text{ Ra } 3.2 \text{ max}$$

| Model Number | PR3850 | PR9000 | |
|--------------------|--|--|--|
| Process connection |  |  |  |
| Sealing method | O-ring | Copper washer (annealed) | Sealant according to BS EN 751, e.g. PTFE tape |
| | Z0093  | Z0942  | |
| Counter part |  |  |  |

TIGHTENING TORQUES

* The torque values apply only to test conditions and are a guideline only. Tightening torques for installation depend on many factors, including materials, lubrication, coating and surface treatment. If in doubt, consult the manufacturer.

** NPT threads to have an additional sealant to BS EN 751 (e.g. PTFE tape).

*** Tightening torque and maximum pressure should be in accordance with high pressure pipe supplier's documentation.

| Thread type | Torque settings | | | |
|--------------------------------------|-----------------|---------------------|----------------------|-------------------------------|
| | P ≤ 100 bar | 100bar < P ≤ 400bar | 600bar < P ≤ 1500bar | 2000 bar 4000 and 5000 bar |
| G1/4 (BSPP) 1/4-18 NPT | 35 Nm Max. | | N/A | N/A |
| G1/2 (BSPP) 1/2-14 NPT | 50 Nm Max. | | | |
| F250C (9/16-18UNF Female conical) | N/A | N/A | 30 to 35 Nm | 32 to 35 Nm*** |

$$\sqrt{\quad} = \sqrt{\quad} \text{ Ra 3.2 max}$$



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