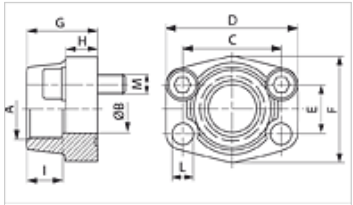
# AFS G U (6000 PSI)

SAE screw-in flange, BSP

## Properties

| | |
|---|---|
| **Pressure series** | 6000 psi |
| **Standard** | SAE J 518 C<br>ISO 6162 |
| **Construction** | straight |
| **Design** | SAE screw-in flange |
| **Mounting** | Screw bore hole |
| **Scope of supply** | with UNC screw set and O-ring |
| **Material** | S355J2G3 (ST52.3) |
| **Surface** | black oiled |






## Note

The stated maximum working pressure relates to the flange. The actual working pressure is determined by the pipe (wall thickness) and the quality of the pipe.

## Item

| Identification | PB 10.9 (bar) | Size | A | Ø B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | L (mm) | M unc |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFS 401 G 1/2 U** | 400 | 1/2" | G 1/2" -14 | 13 | 40,5 | 54 | 18,2 | 46 | 36 | 16 | 19 | 9,0 | 5/16" x 1.1/4" |
| **AFS 401 G 3/8 U** | 400 | 1/2" | G 3/8" -19 | 13 | 40,5 | 54 | 18,2 | 46 | 36 | 16 | 19 | 9,0 | 5/16" x 1.1/4" |
| **AFS 402 G 1/2 U** | 400 | 3/4" | G 1/2" -14 | 13 | 50,8 | 71 | 23,8 | 55 | 35 | 21 | 22 | 11,0 | 3/8" x 1.1/2" |
| **AFS 402 G 3/4 U** | 400 | 3/4" | G 3/4" -14 | 19 | 50,8 | 71 | 23,8 | 55 | 35 | 21 | 22 | 11,0 | 3/8" x 1.1/2" |
| **AFS 403 G 3/4 U** | 400 | 1" | G 3/4" -14 | 19 | 57,2 | 81 | 27,8 | 65 | 42 | 25 | 24 | 13,0 | 7/16" x 1.3/4" |
| **AFS 403 G 1 U** | 400 | 1" | G 1" -11 | 25 | 57,2 | 81 | 27,8 | 65 | 42 | 25 | 24 | 13,0 | 7/16" x 1.3/4" |
| **AFS 404 G 1 U** | 400 | 1.1/4" | G 1" -11 | 25 | 66,7 | 95 | 31,8 | 78 | 45 | 27 | 25 | 13,5 | 1/2" x 1.3/4" |
| **AFS 404 G 1 1/4 U** | 400 | 1.1/4" | G 1.1/4" -11 | 32 | 66,7 | 95 | 31,8 | 78 | 45 | 27 | 25 | 13,5 | 1/2" x 1.3/4" |
| **AFS 405 G 1 1/4 U** | 400 | 1.1/2" | G 1.1/4" -11 | 32 | 79,4 | 112 | 36,5 | 94 | 50 | 30 | 28 | 17,0 | 5/8" x 2" |
| **AFS 405 G 1 1/2 U** | 400 | 1.1/2" | G 1.1/2" -11 | 38 | 79,4 | 112 | 36,5 | 94 | 50 | 30 | 28 | 17,0 | 5/8" x 2" |
| **AFS 406 G 1 1/2 U** | 400 | 2" | G 1.1/2" -11 | 38 | 96,8 | 134 | 44,5 | 114 | 65 | 37 | 30 | 21,0 | 3/4" x 2.1/2" |
| **AFS 406 G 2 U** | 400 | 2" | G 2" -11 | 51 | 96,8 | 134 | 44,5 | 114 | 65 | 37 | 30 | 21,0 | 3/4" x 2.1/2" |

PN = Nominal pressure  PB = Max. operating pressure  –  Series: LL = Very light  L = Light  S = Heavy  –  Ø = External pipe diameter

## Product versions

| | |
|---|---|
| **AFS G (6000 PSI)** | SAE screw-in flange, BSP, flange only |
| **AFS G M (6000 PSI)** | SAE screw-in flange, BSP, with metric screw set and O-ring |

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