

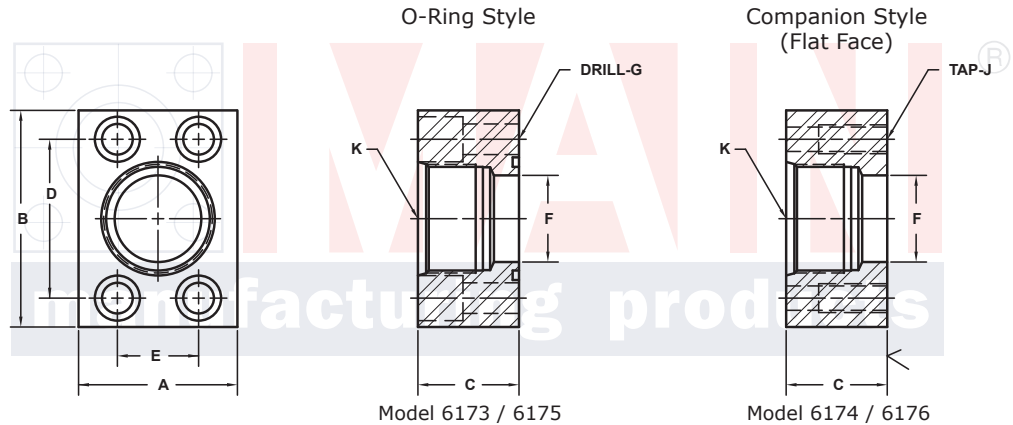
# SAE J1926 THREADED IN-LINE FLANGES (Pg 1/2)

| SAE BOLT PATTERN |     |             |      |      |      |       |       |      |         | 61 SERIES |               |                 |        |     |
|------------------|-----|-------------|------|------|------|-------|-------|------|---------|-----------|---------------|-----------------|--------|-----|
| FLANGE SIZE      | ORB | PART NUMBER | A    | B    | C    | D     | E     | F    | G<br>J  | K         | MOUNTING KIT® |                 |        | WT  |
|                  |     |             |      |      |      |       |       |      |         |           | PART NO.      | SCREW SIZE      | O-RING |     |
| 1/2              | -4  | 6173-08-04B | 1.50 | 2.12 | 1.25 | 1.500 | .688  | .37  | .34     | 7/16-20   | MK 501        | 5/16-18 x 1 1/4 | 210    | 1.0 |
|                  |     | 6174-08-04B |      |      |      |       |       |      | 5/16-18 |           | -----         | -----           | ---    |     |
| 1/2              | -6  | 6173-08-06B | 1.50 | 2.12 | 1.25 | 1.500 | .688  | .47  | .34     | 9/16-18   | MK 501        | 5/16-18 x 1 1/4 | 210    | 1.0 |
|                  |     | 6174-08-06B |      |      |      |       |       |      | 5/16-18 |           | -----         | -----           | ---    |     |
| 1/2              | -8  | 6173-08-08B | 1.50 | 2.12 | 1.25 | 1.500 | .688  | .50  | .34     | 3/4-16    | MK 501        | 5/16-18 x 1 1/4 | 210    | .9  |
|                  |     | 6174-08-08B |      |      |      |       |       |      | 5/16-18 |           | -----         | -----           | ---    |     |
| 3/4              | -8  | 6173-12-08B | 1.75 | 2.62 | 1.50 | 1.875 | .875  | .66  | .41     | 3/4-16    | MK 1525       | 3/8-16 x 1 1/2  | 214    | 1.6 |
|                  |     | 6174-12-08B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 3/4              | -10 | 6173-12-10B | 1.75 | 2.62 | 1.50 | 1.875 | .875  | .50  | .41     | 7/8-14    | MK 1525       | 3/8-16 x 1 1/2  | 214    | 1.5 |
|                  |     | 6174-12-10B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 3/4              | -12 | 6173-12-12B | 1.75 | 2.62 | 1.50 | 1.875 | .875  | .75  | .41     | 1 1/16-12 | MK 1525       | 3/8-16 x 1 1/2  | 214    | 1.4 |
|                  |     | 6174-12-12B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 3/4              | -16 | -----       | 2.00 | 2.62 | 2.50 | 1.875 | .875  | .75  | -----   | 1 5/16-12 | -----         | -----           | ---    | 3.0 |
|                  |     | 6174-12-16B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 1                | -12 | 6173-16-12B | 2.00 | 2.82 | 1.50 | 2.062 | 1.031 | .94  | .41     | 1 1/16-12 | MK 1542       | 3/8-16 x 1 1/2  | 219    | 1.9 |
|                  |     | 6174-16-12B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 1                | -14 | 6173-16-14B | 2.00 | 2.82 | 1.50 | 2.062 | 1.031 | .75  | .41     | 1 3/16-12 | MK 1542       | 3/8-16 x 1 1/2  | 219    | 1.8 |
|                  |     | 6174-16-14B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 1                | -16 | 6173-16-16B | 2.00 | 2.82 | 1.50 | 2.062 | 1.031 | 1.00 | .41     | 1 5/16-12 | MK 1542       | 3/8-16 x 1 1/2  | 219    | 1.7 |
|                  |     | 6174-16-16B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 1                | -20 | -----       | 2.50 | 3.00 | 3.00 | 2.062 | 1.031 | 1.00 | -----   | 1 5/8-12  | -----         | -----           | ---    | 5.2 |
|                  |     | 6174-16-20B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |

MATERIAL:  
304L Stainless

MOUNTING KITS listed contain carbon steel bolts and Buna N O-Ring. To specify stainless Grade 18-8 bolts, add an SS at the end of the kit number (MK 501SS).

Please note that using stainless steel bolts may reduce the pressure rating of the assembly.



3181 TRI-PARK DR. GRAND BLANC, MI 48439 800-521-7918 810-953-1380 FAX 810-953-1385 INFO@MAINMFG.COM

| SAE BOLT PATTERN |     |             |      |      |      |       |       |      |         | 62 SERIES |               |                 |        |     |
|------------------|-----|-------------|------|------|------|-------|-------|------|---------|-----------|---------------|-----------------|--------|-----|
| FLANGE SIZE      | ORB | PART NUMBER | A    | B    | C    | D     | E     | F    | G<br>J  | K         | MOUNTING KIT® |                 |        | WT  |
|                  |     |             |      |      |      |       |       |      |         |           | PART NO.      | SCREW SIZE      | O-RING |     |
| 1/2              | -6  | 6175-08-06B | 1.75 | 2.22 | 1.25 | 1.594 | .718  | .47  | .34     | 9/16-18   | MK 501        | 5/16-18 x 1 1/4 | 210    | 1.2 |
|                  |     | 6176-08-06B |      |      |      |       |       |      | 5/16-18 |           | -----         | -----           | ---    |     |
| 1/2              | -8  | 6175-08-08B | 1.75 | 2.22 | 1.25 | 1.594 | .718  | .50  | .34     | 3/4-16    | MK 501        | 5/16-18 x 1 1/4 | 210    | 1.1 |
|                  |     | 6176-08-08B |      |      |      |       |       |      | 5/16-18 |           | -----         | -----           | ---    |     |
| 3/4              | -8  | 6175-12-08B | 2.00 | 2.81 | 1.50 | 2.000 | .937  | .66  | .41     | 3/4-16    | MK 1525       | 3/8-16 x 1 1/2  | 214    | 2.0 |
|                  |     | 6176-12-08B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 3/4              | -10 | 6175-12-10B | 2.00 | 2.81 | 1.50 | 2.000 | .937  | .50  | .41     | 7/8-14    | MK 1525       | 3/8-16 x 1 1/2  | 214    | 1.9 |
|                  |     | 6176-12-10B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 3/4              | -12 | 6175-12-12B | 2.00 | 2.81 | 1.50 | 2.000 | .937  | .75  | .41     | 1 1/16-12 | MK 1525       | 3/8-16 x 1 1/2  | 214    | 1.8 |
|                  |     | 6176-12-12B |      |      |      |       |       |      | 3/8-16  |           | -----         | -----           | ---    |     |
| 1                | -12 | 6175-16-12B | 2.25 | 3.19 | 1.50 | 2.250 | 1.093 | .94  | .47     | 1 1/16-12 | MK 1529       | 7/16-14 x 1 1/2 | 219    | 2.5 |
|                  |     | 6176-16-12B |      |      |      |       |       |      | 7/16-14 |           | -----         | -----           | ---    |     |
| 1                | -14 | 6175-16-14B | 2.25 | 3.19 | 1.50 | 2.250 | 1.093 | .75  | .47     | 1 3/16-12 | MK 1529       | 7/16-14 x 1 1/2 | 219    | 2.4 |
|                  |     | 6176-16-14B |      |      |      |       |       |      | 7/16-14 |           | -----         | -----           | ---    |     |
| 1                | -16 | 6175-16-16B | 2.25 | 3.19 | 1.50 | 2.250 | 1.093 | 1.00 | .47     | 1 5/16-12 | MK 1529       | 7/16-14 x 1 1/2 | 219    | 2.3 |
|                  |     | 6176-16-16B |      |      |      |       |       |      | 7/16-14 |           | -----         | -----           | ---    |     |

① Order Separately

NOTE: The Pressure Rating of the Assembly Should NOT Exceed the Lower of the Flange Pad or the Fitting. Check the Fitting Manufacturer for Details.

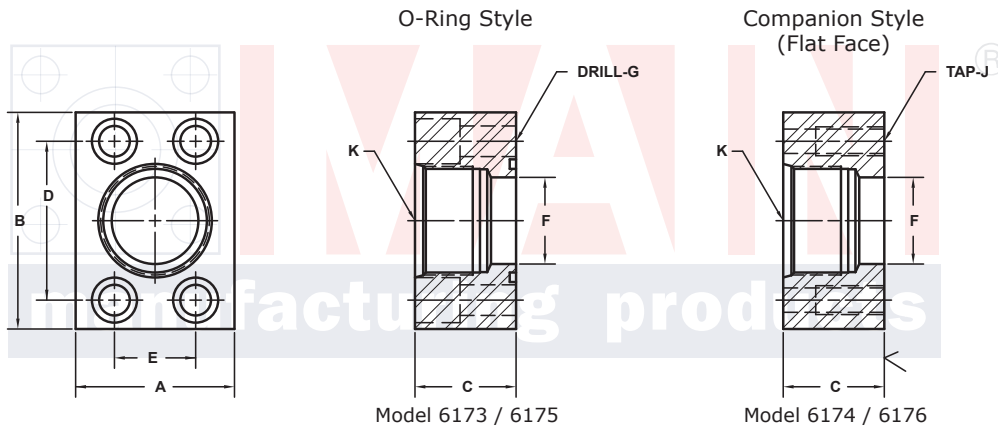
# SAE J1926 THREADED IN-LINE FLANGES (Pg 2/2)

| SAE BOLT PATTERN |     |             |      |      |      |       |       |      |         | 61 SERIES |                           |                 |        |     |
|------------------|-----|-------------|------|------|------|-------|-------|------|---------|-----------|---------------------------|-----------------|--------|-----|
| FLANGE SIZE      | ORB | PART NUMBER | A    | B    | C    | D     | E     | F    | G       | K         | MOUNTING KIT <sup>①</sup> |                 |        | WT  |
|                  |     |             |      |      |      |       |       |      | J       |           | PART NO.                  | SCREW SIZE      | O-RING |     |
| 1¼               | -16 | 6173-20-16B | 2.50 | 3.19 | 1.50 | 2.312 | 1.188 | 1.20 | .47     | 1 5/16-12 | MK 1527                   | 7/16-14 x 1 1/2 | 222    | 2.6 |
|                  |     | 6174-20-16B |      |      |      |       |       |      | 7/16-14 |           | -----                     | -----           | ---    |     |
| 1¼               | -20 | 6173-20-20B | 2.50 | 3.19 | 1.50 | 2.312 | 1.188 | 1.25 | .47     | 1 5/8-12  | MK 1527                   | 7/16-14 x 1 1/2 | 222    | 2.3 |
|                  |     | 6174-20-20B |      |      |      |       |       |      | 7/16-14 |           | -----                     | -----           | ---    |     |
| 1¼               | -24 | -----       | 3.00 | 3.19 | 3.00 | 2.312 | 1.188 | 1.25 | ----    | 1 7/8-12  | -----                     | -----           | ---    | 6.4 |
|                  |     | 6174-20-24B |      |      |      |       |       |      | 7/16-14 |           | -----                     | -----           | ---    |     |
| 1½               | -20 | 6173-24-20B | 2.75 | 3.75 | 1.75 | 2.750 | 1.406 | 1.50 | .53     | 1 5/8-12  | MK 1547                   | 1/2-13 x 1 3/4  | 225    | 3.8 |
|                  |     | 6174-24-20B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 1½               | -24 | 6173-24-24B | 2.75 | 3.75 | 1.75 | 2.750 | 1.406 | 1.50 | .53     | 1 7/8-12  | MK 1547                   | 1/2-13 x 1 3/4  | 225    | 3.5 |
|                  |     | 6174-24-24B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 1½               | -32 | -----       | 3.50 | 3.75 | 3.50 | 2.750 | 1.406 | 1.50 | ----    | 2 1/2-12  | -----                     | -----           | ---    | 9.9 |
|                  |     | 6174-24-32B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 2                | -20 | 6173-32-20B | 3.25 | 4.00 | 1.75 | 3.062 | 1.688 | 1.50 | .53     | 1 5/8-12  | MK 582                    | 1/2-13 x 1 3/4  | 228    | 5.2 |
|                  |     | 6174-32-20B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 2                | -24 | 6173-32-24B | 3.25 | 4.00 | 1.75 | 3.062 | 1.688 | 1.75 | .53     | 1 7/8-12  | MK 582                    | 1/2-13 x 1 3/4  | 228    | 4.8 |
|                  |     | 6174-32-24B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 2                | -32 | -----       | 3.25 | 4.00 | 1.75 | 3.062 | 1.688 | 1.94 | ----    | 2 1/2-12  | -----                     | -----           | ---    | 3.9 |
|                  |     | 6174-32-32B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 2½ <sup>②</sup>  | -24 | 6173-40-24B | 4.00 | 4.50 | 1.75 | 3.500 | 2.000 | 1.75 | .53     | 1 7/8-12  | MK 1528                   | 1/2-13 x 1 3/4  | 232    | 7.4 |
|                  |     | 6174-40-24B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |
| 2½ <sup>②</sup>  | -32 | 6173-40-32B | 4.00 | 4.50 | 1.75 | 3.500 | 2.000 | 2.32 | .53     | 2 1/2-12  | MK 1528                   | 1/2-13 x 1 3/4  | 232    | 6.3 |
|                  |     | 6174-40-32B |      |      |      |       |       |      | 1/2-13  |           | -----                     | -----           | ---    |     |

MOUNTING KITS listed contain carbon steel bolts and Buna N O-Ring. To specify stainless Grade 18-8 bolts, add an SS at the end of the kit number (MK 501SS).

Please note that using stainless steel bolts may reduce the pressure rating of the assembly.

MATERIAL:  
304L Stainless



Model 6173 / 6175

Model 6174 / 6176

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| SAE BOLT PATTERN |     |                |      |      |      |       |       |      |        | 62 SERIES |                           |                |        |     |
|------------------|-----|----------------|------|------|------|-------|-------|------|--------|-----------|---------------------------|----------------|--------|-----|
| FLANGE<br>SIZE   | ORB | PART<br>NUMBER | A    | B    | C    | D     | E     | F    | G      | K         | MOUNTING KIT <sup>①</sup> |                |        | WT  |
|                  |     |                |      |      |      |       |       |      | J      |           | PART NO.                  | SCREW SIZE     | O-RING |     |
| 1¼               | -16 | 6175-20-16B    | 2.75 | 3.75 | 1.50 | 2.625 | 1.250 | 1.20 | .53    | 1 5/16-12 | MK 1523                   | 1/2-13 x 1 1/2 | 222    | 4.0 |
|                  |     | 6176-20-16B    |      |      |      |       |       |      | 1/2-13 |           | -----                     | -----          | ---    |     |
| 1¼               | -20 | 6175-20-20B    | 2.75 | 3.75 | 1.50 | 2.625 | 1.250 | 1.25 | .53    | 1 5/8-12  | MK 1523                   | 1/2-13 x 1 1/2 | 222    | 3.7 |
|                  |     | 6176-20-20B    |      |      |      |       |       |      | 1/2-13 |           | -----                     | -----          | ---    |     |
| 1½               | -16 | 6175-24-16B    | 3.25 | 4.50 | 1.75 | 3.125 | 1.437 | 1.20 | .66    | 1 5/16-12 | MK 1544                   | 5/8-11 x 1 3/4 | 225    | 6.1 |
|                  |     | 6176-24-16B    |      |      |      |       |       |      | 5/8-11 |           | -----                     | -----          | ---    |     |
| 1½               | -20 | 6175-24-20B    | 3.25 | 4.50 | 1.75 | 3.125 | 1.437 | 1.50 | .66    | 1 5/8-12  | MK 1544                   | 5/8-11 x 1 3/4 | 225    | 5.8 |
|                  |     | 6176-24-20B    |      |      |      |       |       |      | 5/8-11 |           | -----                     | -----          | ---    |     |
| 1½               | -24 | 6175-24-24B    | 3.25 | 4.50 | 1.75 | 3.125 | 1.437 | 1.50 | .66    | 1 7/8-12  | MK 1544                   | 5/8-11 x 1 3/4 | 225    | 5.5 |
|                  |     | 6176-24-24B    |      |      |      |       |       |      | 5/8-11 |           | -----                     | -----          | ---    |     |
| 2                | -20 | 6175-32-20B    | 4.00 | 5.25 | 1.75 | 3.812 | 1.750 | 1.50 | .78    | 1 5/8-12  | MK 563                    | 3/4-10 x 2     | 228    | 8.8 |
|                  |     | 6176-32-20B    |      |      |      |       |       |      | 3/4-10 |           | -----                     | -----          | ---    |     |
| 2                | -24 | 6175-32-24B    | 4.00 | 5.25 | 1.75 | 3.812 | 1.750 | 1.75 | .78    | 1 7/8-12  | MK 563                    | 3/4-10 x 2     | 228    | 8.4 |
|                  |     | 6176-32-24B    |      |      |      |       |       |      | 3/4-10 |           | -----                     | -----          | ---    |     |
| 2                | -32 | 6175-32-32B    | 4.00 | 5.25 | 1.75 | 3.812 | 1.750 | 1.94 | .78    | 2 1/2-12  | MK 563                    | 3/4-10 x 2     | 228    | 7.5 |
|                  |     | 6176-32-32B    |      |      |      |       |       |      | 3/4-10 |           | -----                     | -----          | ---    |     |

① Order Separately

② 2500 PSI Max

NOTE: The Pressure Rating of the Assembly Should NOT Exceed the Lower of the Flange Pad or the Fitting. Check the Fitting Manufacturer for Details.