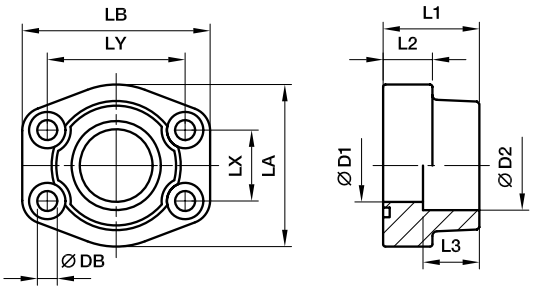
## PAFS-S SAE Straight 4 bolt flange (socket weld)

SAE Flange / Socket weld tube end
(ISO 6162-1/-2)




**3000 PSI Series**

| Nom. flange size SAE (in.) | Nom. flange size ISO (DN) | max. | D1 | D2 | L1 | L2 | L3 | LA | LB | LX | LY | DB | Screws (metr.) | Screws (unc.) | Weight (steel) kg/piece | Order code* | PN (bar)[1] S | PN (bar)[1] SS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 13 | 17.2 | 13 | 17.5 | 36 | 16 | 18 | 46 | 58 | 17.5 | 38.1 | 9.0 | M 08×30 | 5/16×1 1/4 | 0.25 | **PAFS080S17.5** | 345 | 345 |
| 1/2 | 13 | 21.3 | 13 | 21.6 | 36 | 16 | 18 | 46 | 58 | 17.5 | 38.1 | 9.0 | M 08×30 | 5/16×1 1/4 | 0.28 | **PAFS080S21.6** | 345 | 345 |
| 3/4 | 19 | 26.9 | 19 | 27.2 | 36 | 18 | 18 | 49 | 66 | 22.3 | 47.6 | 10.5 | M 10×35 | 3/8×1 1/2 | 0.39 | **PAFS100S27.2** | 345 | 345 |
| 1 | 25 | 33.7 | 25 | 34.1 | 38 | 18 | 18 | 53 | 70 | 26.2 | 52.4 | 10.3 | M 10×35 | 3/8×1 1/2 | 0.46 | **PAFS102S34.1** | 345 | 345 |
| 1 1/4 | 32 | 42.4 | 31 | 42.8 | 41 | 21 | 20 | 69 | 80 | 30.2 | 58.7 | 10.5 | M 10×40 | 7/16×1 1/2 | 0.66 | **PAFS104S42.8** | 276 | 276 |
| 1 1/2 | 38 | 48.3 | 38 | 48.6 | 44 | 25 | 22 | 77 | 94 | 35.7 | 69.9 | 13.5 | M 12×45 | 1/2×1 3/4 | 1.05 | **PAFS106S48.6** | 207 | 207 |
| 2 | 51 | 60.3 | 50 | 61.0 | 45 | 25 | 24 | 89 | 103 | 42.9 | 77.8 | 13.5 | M 12×45 | 1/2×1 3/4 | 1.19 | **PAFS108S61** | 207 | 207 |
| 2 1/2 | 64 | 76.1 | 63 | 76.6 | 50 | 25 | 28 | 101 | 115 | 50.8 | 88.9 | 13.5 | M 12×45 | 1/2×1 3/4 | 1.40 | **PAFS110S76.6** | 172 | 172 |
| 3 | 76 | 88.9 | 73 | 90.5 | 50 | 27 | 28 | 124 | 135 | 61.9 | 106.4 | 17.0 | M 16×55 | 5/8×2 1/4 | 2.15 | **PAFS112S90.5** | 138 | 138 |
| 3 1/2 | 89 | 101.6 | 89 | 103.0 | 50 | 27 | 28 | 137 | 153 | 69.9 | 120.7 | 17.0 | M 16×55 | 5/8×2 1/4 | 2.40 | **PAFS114S103** | 34 | 34 |
| 4 | 102 | 114.3 | 99 | 115.5 | 50 | 27 | 28 | 147 | 163 | 77.8 | 130.2 | 17.0 | M 16×55 | 5/8×2 1/4 | 2.85 | **PAFS116S115.5** | 34 | 34 |
| 5 | 127 | 140.0 | 120 | 142.0 | 50 | 28 | 28 | 180 | 184 | 92.1 | 152.4 | 17.0 | M 16×55 | 5/8×2 1/4 | 3.25 | **PAFS118S142** | 34 | 34 |

**6000 PSI Series**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/2 | 13 | 17.2 | 13 | 17.5 | 36 | 16 | 18 | 46 | 58 | 18.2 | 40.5 | 9.0 | M 08×30 | 5/16×1 1/4 | 0.26 | **PAFS401S17.5** | 420 | 420 |
| 1/2 | 13 | 21.3 | 13 | 21.6 | 36 | 16 | 18 | 46 | 58 | 18.2 | 40.5 | 9.0 | M 08×30 | 5/16×1 1/4 | 0.29 | **PAFS401S21.6** | 420 | 420 |
| 3/4 | 19 | 26.9 | 19 | 27.2 | 36 | 19 | 20 | 53 | 71 | 23.8 | 50.8 | 10.3 | M 10×35 | 3/8×1 1/2 | 0.50 | **PAFS402S27.2** | 420 | 420 |
| 1 | 25 | 33.7 | 25 | 34.1 | 44 | 24 | 22 | 66 | 80 | 27.8 | 57.2 | 13.5 | M 12×45 | 7/16×1 1/2 | 0.76 | **PAFS403S34.1** | 420 | 420 |
| 1 1/4 | 32 | 42.4 | 31 | 42.8 | 44 | 27 | 22 | 77 | 94 | 31.8 | 66.6 | 15.0 | M 14×50 | 1/2×1 3/4 | 1.20 | **PAFS404S42.8** | 420 | 420 |
| 1 1/2 | 38 | 48.3 | 38 | 48.6 | 51 | 30 | 24 | 89 | 106 | 36.5 | 79.3 | 17.0 | M 16×55 | 5/8×2 1/4 | 1.65 | **PAFS405S48.6** | 420 | 420 |
| 2 | 51 | 60.3 | 50 | 61.0 | 70 | 37 | 25 | 116 | 135 | 44.5 | 96.8 | 21.0 | M 20×70 | 3/4×2 3/4 | 2.45 | **PAFS406S61** | 420 | 420 |
| 2 1/2 | 64 | 76.1 | 63 | 76.6 | 75 | 45 | 28 | 150 | 166 | 58.7 | 123.8 | 25.0 | M 24×90 | – | 3.05 | **PAFS407S76.6** | 420 | 420 |
| 3 | 76 | 88.9 | 73 | 90.5 | 90 | 55 | 30 | 178 | 208 | 71.4 | 152.4 | 32.0 | M 30×110 | – | 3.45 | **PAFS408S90.5** | 420 | 420 |

[1] Pressure shown = Item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

The pressures given here are the maximum allowable for the flange fittings. If the pipe or tube used has a lower pressure rating, then the welded assembly rating will be the lower one, assuming the weld is adequately strong.

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*Please add the **suffixes** below according to the material/surface required.

| Order code suffixes | | | | | |
|---|---|---|---|---|---|
| Material | Suffix surface and material | Example only 4 bolt flange | Example 4 bolt flange incl. metr. screws and O-ring | Example 4 bolt flange incl. UNC screws and O-ring | Standard sealing material (no additional suffix needed) |
| Steel, blanc oil dipped | S | PAFS080S17.5S | PAFS080S17.5SM | PAFS080S17.5SU | NBR |
| Stainless steel | SS | PAFS080S17.5SS | PAFS080S17.5SSM | – | VIT |



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