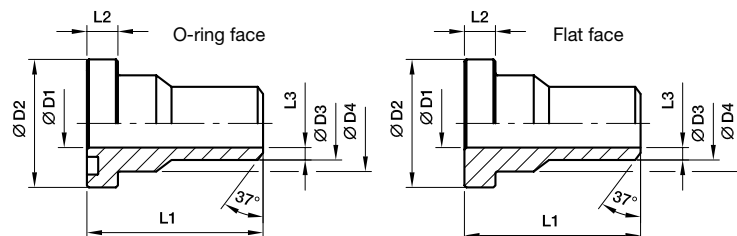




## SAE Flange adapters

### ASR SAE Straight flange adapter

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



#### 3000 PSI Series

| Nom. flange size |             | Tube    |    |       |       |       |     |      |      | Weight<br>(steel)<br>kg/piece | O-ring face<br>Order code* | Flat face<br>Order code* | PN (bar) <sup>1)</sup> |     |
|------------------|-------------|---------|----|-------|-------|-------|-----|------|------|-------------------------------|----------------------------|--------------------------|------------------------|-----|
| SAE<br>(in.)     | ISO<br>(DN) |         | D1 | D2    | D3    | D4    | L1  | L2   | L3   |                               |                            |                          | S                      | SS  |
| 1/2              | 13          | 18×4.5  | 10 | 30.2  | 18.0  | 24.0  | 45  | 6.7  | 4.0  | 0.30                          | ASR32/18X4.5               | ASRG32/18X4.5            | 345                    | 345 |
| 3/4              | 19          | 22×4.5  | 13 | 38.1  | 22.0  | 31.5  | 50  | 6.7  | 4.5  | 0.40                          | ASR33/22X4.5               | ASRG33/22X4.5            | 345                    | 345 |
| 1                | 25          | 28×4.5  | 19 | 44.4  | 28.0  | 38.0  | 55  | 8.0  | 4.5  | 0.49                          | ASR34/28X4.5               | ASRG34/28X4.5            | 345                    | 345 |
| 1 1/4            | 32          | 35×5.0  | 25 | 50.8  | 35.0  | 43.0  | 60  | 8.0  | 5.0  | 0.75                          | ASR35/35X5                 | ASRG35/35X5              | 276                    | 276 |
| 1 1/2            | 38          | 43×6.0  | 31 | 60.3  | 43.0  | 50.0  | 65  | 8.0  | 6.0  | 1.01                          | ASR36/43X6                 | ASRG36/43X6              | 207                    | 207 |
| 2                | 51          | 50×6.0  | 38 | 71.4  | 50.0  | 62.0  | 70  | 9.5  | 6.0  | 1.15                          | ASR38/50X6                 | ASRG38/50X6              | 207                    | 207 |
| 2 1/2            | 64          | 62×7.5  | 47 | 84.1  | 62.0  | 74.0  | 75  | 9.5  | 7.5  | 1.40                          | ASR310/62X7.5              | ASRG310/62X7.5           | 172                    | 172 |
| 3                | 76          | 76×9.0  | 58 | 101.6 | 76.0  | 90.0  | 85  | 9.5  | 9.0  | 1.76                          | ASR312/76X9                | ASRG312/76X9             | 138                    | 138 |
| 3 1/2            | 89          | 90×10.0 | 70 | 114.3 | 90.0  | 102.0 | 90  | 11.2 | 10.0 | 2.15                          | ASR314/90X10               | ASRG314/90X10            | 34                     | 34  |
| 4                | 102         | 102×7.0 | 88 | 127.0 | 102.0 | 114.0 | 100 | 11.2 | 7.0  | 2.35                          | ASR316/102X7               | ASRG316/102X7            | 34                     | 34  |

#### 6000 PSI Series

|       |    |        |    |      |      |      |    |      |     |      |              |               |     |     |
|-------|----|--------|----|------|------|------|----|------|-----|------|--------------|---------------|-----|-----|
| 1/2   | 13 | 18×4.0 | 10 | 31.8 | 18.0 | 24.0 | 45 | 7.7  | 4.0 | 0.40 | ASR62/18X4   | ASRG62/18X4   | 420 | 420 |
| 3/4   | 19 | 22×4.5 | 13 | 41.3 | 22.0 | 32.0 | 50 | 8.7  | 4.5 | 0.50 | ASR63/22X4.5 | ASRG63/22X4.5 | 420 | 420 |
| 1     | 25 | 28×5.0 | 18 | 47.6 | 28.0 | 38.0 | 55 | 9.5  | 5.0 | 0.90 | ASR64/28X5   | ASRG64/28X5   | 420 | 420 |
| 1 1/4 | 32 | 35×6.5 | 22 | 54.0 | 35.0 | 44.0 | 60 | 10.3 | 6.5 | 1.35 | ASR65/35X6.5 | ASRG65/35X6.5 | 420 | 420 |
| 1 1/2 | 38 | 44×7.5 | 29 | 63.5 | 44.0 | 51.0 | 65 | 12.5 | 7.5 | 2.65 | ASR66/44X7.5 | ASRG66/44X7.5 | 420 | 420 |
| 2     | 51 | 51×8.0 | 35 | 79.4 | 51.0 | 67.0 | 70 | 12.5 | 8.0 | 3.90 | ASR68/51X8   | ASRG68/51X8   | 420 | 420 |

<sup>1)</sup> Pressure shown = Item deliverable

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 flange adapter | Example incl. splitflanges, metr. screws and O-ring | Example incl. splitflanges, UNC screws and O-ring | Standard sealing material (no additional suffix needed) |
| Steel, oil dipped   | S                           | ASR32/18X4.5S               | ASR32/18X4.5SM                                      | ASR32/18X4.5SU                                    | NBR                                                     |
| Stainless steel     | SS                          | ASR32/18X4.5SS              | ASR32/18X4.5SSM                                     | –                                                 | VIT                                                     |



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Catalogue 4100-10/UK