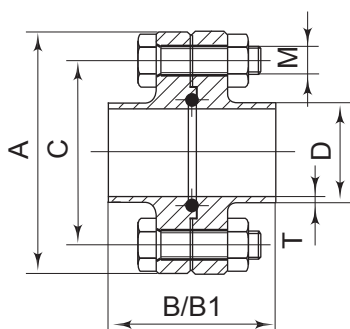




## Aseptic Connection

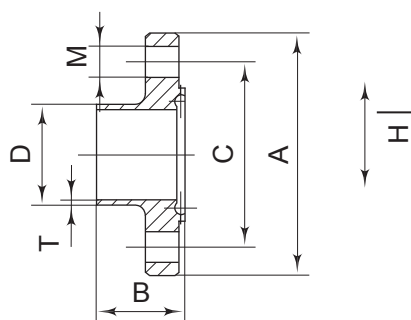
## Aseptic connection



### Flange fittings

#### DIN-FL

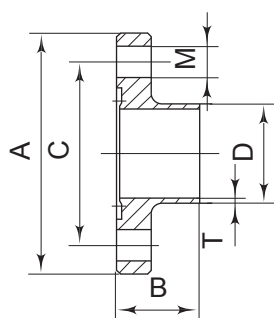
| DN  | A   | B  | B1  | C   | D   | T   | M       |
|-----|-----|----|-----|-----|-----|-----|---------|
| 25  | 70  | 48 | 80  | 53  | 29  | 1.5 | 4 x M8  |
| 32  | 76  | 48 | 90  | 59  | 35  | 1.5 | 4 x M8  |
| 40  | 82  | 48 | 90  | 65  | 41  | 1.5 | 4 x M8  |
| 50  | 94  | 48 | 90  | 77  | 53  | 1.5 | 4 x M8  |
| 65  | 113 | 48 | 108 | 95  | 70  | 2   | 8 x M8  |
| 80  | 133 | 52 | 116 | 112 | 85  | 2   | 8 x M10 |
| 100 | 159 | 52 | 116 | 137 | 104 | 2   | 8 x M10 |



### Protrude flange

#### DIN-21

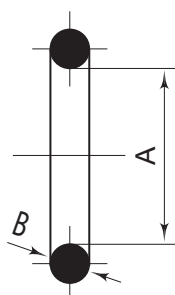
| DN  | A   | B    | C   | D   | T   | M             |
|-----|-----|------|-----|-----|-----|---------------|
| 25  | 70  | 25.5 | 53  | 29  | 1.5 | 4 x $\phi$ 9  |
| 32  | 76  | 25.5 | 59  | 35  | 1.5 | 4 x $\phi$ 9  |
| 40  | 82  | 25.5 | 65  | 41  | 1.5 | 4 x $\phi$ 9  |
| 50  | 94  | 25.5 | 77  | 53  | 1.5 | 4 x $\phi$ 9  |
| 65  | 113 | 25.5 | 95  | 70  | 2   | 8 x $\phi$ 9  |
| 80  | 133 | 27.5 | 112 | 85  | 2   | 8 x $\phi$ 11 |
| 100 | 159 | 27.5 | 137 | 104 | 2   | 8 x $\phi$ 11 |



### Concave flange

#### DIN-22

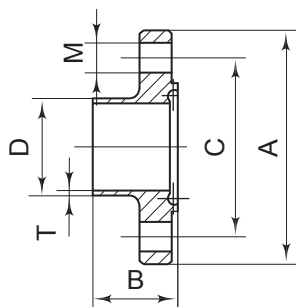
| DN  | A   | B  | C   | D   | T   | M             |
|-----|-----|----|-----|-----|-----|---------------|
| 25  | 70  | 24 | 53  | 29  | 1.5 | 4 x $\phi$ 9  |
| 32  | 76  | 24 | 59  | 35  | 1.5 | 4 x $\phi$ 9  |
| 40  | 82  | 24 | 65  | 41  | 1.5 | 4 x $\phi$ 9  |
| 50  | 94  | 24 | 77  | 53  | 1.5 | 4 x $\phi$ 9  |
| 65  | 113 | 24 | 95  | 70  | 2   | 8 x $\phi$ 9  |
| 80  | 133 | 26 | 112 | 85  | 2   | 8 x $\phi$ 11 |
| 100 | 159 | 26 | 137 | 104 | 2   | 8 x $\phi$ 11 |



### Seal ring

| DN  | A   | B   |
|-----|-----|-----|
| 25  | 28  | 3.5 |
| 32  | 34  | 5   |
| 40  | 40  | 5   |
| 50  | 52  | 5   |
| 65  | 68  | 5   |
| 80  | 83  | 5   |
| 100 | 102 | 5   |

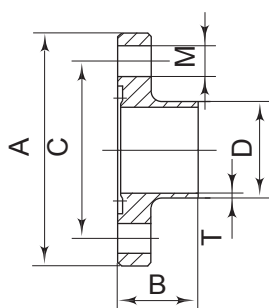
## Aseptic connection



### Protrude flange

#### DIN-21L

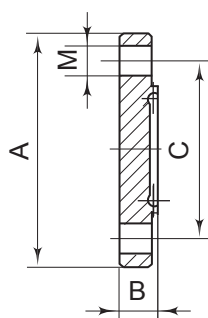
| DN  | A   | B    | C   | D   | T   | M             |
|-----|-----|------|-----|-----|-----|---------------|
| 25  | 70  | 25.5 | 53  | 29  | 1.5 | 4 x $\phi$ 9  |
| 32  | 76  | 25.5 | 59  | 35  | 1.5 | 4 x $\phi$ 9  |
| 40  | 82  | 25.5 | 65  | 41  | 1.5 | 4 x $\phi$ 9  |
| 50  | 94  | 25.5 | 77  | 53  | 1.5 | 4 x $\phi$ 9  |
| 65  | 113 | 25.5 | 95  | 70  | 2   | 8 x $\phi$ 9  |
| 80  | 133 | 27.5 | 112 | 85  | 2   | 8 x $\phi$ 11 |
| 100 | 159 | 27.5 | 137 | 104 | 2   | 8 x $\phi$ 11 |



### Concave flange

#### DIN-21L

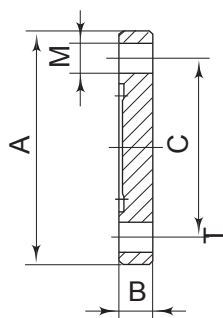
| DN  | A   | B  | C   | D   | T   | M             |
|-----|-----|----|-----|-----|-----|---------------|
| 25  | 70  | 40 | 53  | 29  | 1.5 | 4 x $\phi$ 9  |
| 32  | 76  | 45 | 59  | 35  | 1.5 | 4 x $\phi$ 9  |
| 40  | 82  | 45 | 65  | 41  | 1.5 | 4 x $\phi$ 9  |
| 50  | 94  | 45 | 77  | 53  | 1.5 | 4 x $\phi$ 9  |
| 65  | 113 | 54 | 95  | 70  | 2   | 8 x $\phi$ 9  |
| 80  | 133 | 58 | 112 | 85  | 2   | 8 x $\phi$ 11 |
| 100 | 159 | 58 | 137 | 104 | 2   | 8 x $\phi$ 11 |



### Blank flange with protrude

#### DIN-21B

| DN  | A   | B    | C   | M             |
|-----|-----|------|-----|---------------|
| 25  | 70  | 11.5 | 53  | 4 x $\phi$ 9  |
| 32  | 76  | 11.5 | 59  | 4 x $\phi$ 9  |
| 40  | 82  | 11.5 | 65  | 4 x $\phi$ 9  |
| 50  | 94  | 11.5 | 77  | 4 x $\phi$ 9  |
| 65  | 113 | 11.5 | 95  | 8 x $\phi$ 9  |
| 80  | 133 | 13.5 | 112 | 8 x $\phi$ 11 |
| 100 | 159 | 13.5 | 137 | 8 x $\phi$ 11 |

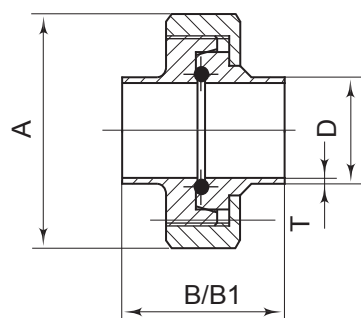


### Blank flange with concave

#### DIN-22B

| DN  | A   | B  | C   | M             |
|-----|-----|----|-----|---------------|
| 25  | 70  | 10 | 53  | 4 x $\phi$ 9  |
| 32  | 76  | 10 | 59  | 4 x $\phi$ 9  |
| 40  | 82  | 10 | 65  | 4 x $\phi$ 9  |
| 50  | 94  | 10 | 77  | 4 x $\phi$ 9  |
| 65  | 113 | 10 | 95  | 8 x $\phi$ 9  |
| 80  | 133 | 12 | 112 | 8 x $\phi$ 11 |
| 100 | 159 | 14 | 137 | 8 x $\phi$ 11 |

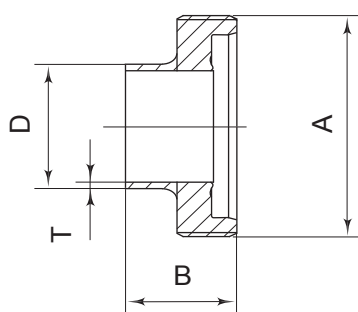
## Aseptic connection



### Welding male

#### SMS-15S

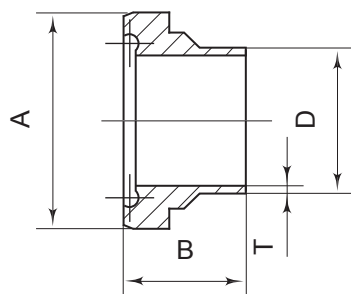
| DN  | A   | B  | B1  | D   | T   |
|-----|-----|----|-----|-----|-----|
| 25  | 63  | 42 | 77  | 29  | 1.5 |
| 32  | 70  | 48 | 89  | 35  | 1.5 |
| 40  | 78  | 50 | 89  | 41  | 1.5 |
| 50  | 92  | 54 | 90  | 53  | 1.5 |
| 65  | 112 | 62 | 115 | 70  | 2   |
| 80  | 127 | 72 | 119 | 85  | 2   |
| 100 | 148 | 86 | 124 | 104 | 2   |



### Male

#### DIN-31

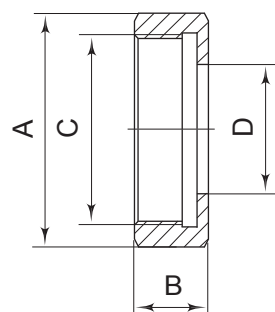
| DN  | A           | B  | D   | T   |
|-----|-------------|----|-----|-----|
| 25  | Rd52 x 1/6  | 26 | 29  | 1.5 |
| 32  | Rd58 x 1/6  | 30 | 35  | 1.5 |
| 40  | Rd65 x 1/6  | 31 | 41  | 1.5 |
| 50  | Rd78 x 1/6  | 31 | 53  | 1.5 |
| 65  | Rd95 x 1/6  | 36 | 70  | 2   |
| 80  | Rd110 x 1/4 | 42 | 85  | 2   |
| 100 | Rd130 x 1/4 | 50 | 104 | 2   |



### Liner

#### DIN-32

| DN  | A     | B  | D   | T   |
|-----|-------|----|-----|-----|
| 25  | 42.9  | 22 | 29  | 1.5 |
| 32  | 48.9  | 25 | 35  | 1.5 |
| 40  | 54.9  | 26 | 41  | 1.5 |
| 50  | 66.9  | 30 | 53  | 1.5 |
| 65  | 84.9  | 34 | 70  | 2   |
| 80  | 98.9  | 38 | 85  | 2   |
| 100 | 118.9 | 46 | 104 | 2   |

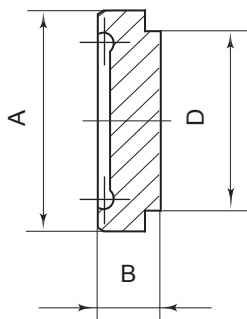
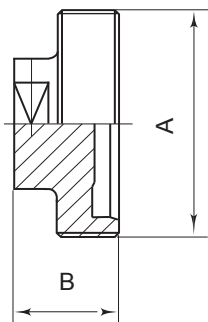
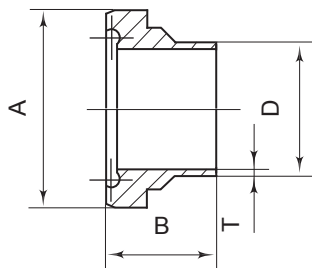
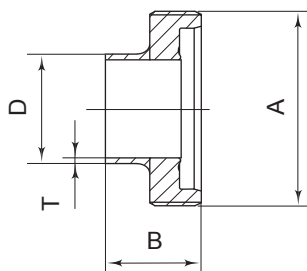


### Nut

#### DIN-13

| DN  | A   | B  | C           | D   |
|-----|-----|----|-------------|-----|
| 25  | 63  | 21 | Rd52 x 1/6  | 36  |
| 32  | 70  | 21 | Rd58 x 1/6  | 42  |
| 40  | 78  | 21 | Rd65 x 1/6  | 49  |
| 50  | 92  | 22 | Rd78 x 1/6  | 62  |
| 65  | 112 | 25 | Rd95 x 1/6  | 80  |
| 80  | 127 | 29 | Rd110 x 1/4 | 94  |
| 100 | 148 | 31 | Rd130 x 1/4 | 115 |

## Aseptic connection



### Male

| DIN-31L |             |    |     |     |
|---------|-------------|----|-----|-----|
| DN      | A           | B  | D   | T   |
| 25      | Rd52 x 1/6  | 26 | 29  | 1.5 |
| 32      | Rd58 x 1/6  | 30 | 35  | 1.5 |
| 40      | Rd65 x 1/6  | 31 | 41  | 1.5 |
| 50      | Rd78 x 1/6  | 31 | 53  | 1.5 |
| 65      | Rd95 x 1/6  | 36 | 70  | 2   |
| 80      | Rd110 x 1/4 | 42 | 85  | 2   |
| 100     | Rd130 x 1/4 | 50 | 104 | 2   |

### Liner

| DIN-32L |       |    |     |     |
|---------|-------|----|-----|-----|
| DN      | A     | B  | D   | T   |
| 25      | 42.9  | 40 | 29  | 1.5 |
| 32      | 48.9  | 47 | 35  | 1.5 |
| 40      | 54.9  | 47 | 41  | 1.5 |
| 50      | 66.9  | 48 | 53  | 1.5 |
| 65      | 84.9  | 61 | 70  | 2   |
| 80      | 98.9  | 61 | 85  | 2   |
| 100     | 118.9 | 66 | 104 | 2   |

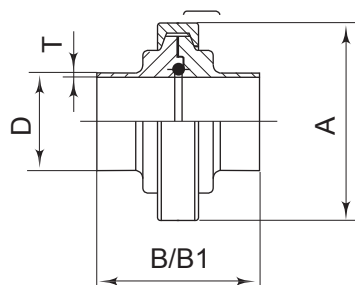
### Blank male

| DIN-31B |             |    |
|---------|-------------|----|
| DN      | A           | B  |
| 25      | Rd52 x 1/6  | 22 |
| 32      | Rd58 x 1/6  | 22 |
| 40      | Rd65 x 1/6  | 22 |
| 50      | Rd78 x 1/6  | 22 |
| 65      | Rd95 x 1/6  | 24 |
| 80      | Rd110 x 1/4 | 30 |
| 100     | Rd130 x 1/4 | 30 |

### Blank liner

| DIN-32B |       |    |     |
|---------|-------|----|-----|
| DN      | A     | B  | D   |
| 25      | 42.9  | 12 | 35  |
| 32      | 48.9  | 13 | 41  |
| 40      | 54.9  | 13 | 48  |
| 50      | 66.9  | 14 | 61  |
| 65      | 84.9  | 16 | 79  |
| 80      | 98.9  | 16 | 93  |
| 100     | 118.9 | 20 | 114 |

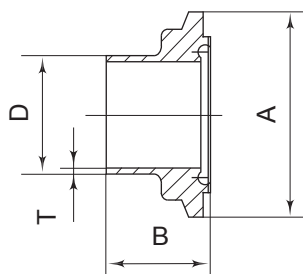
# Aseptic connection



## Clamp fittings

### DIN-KS

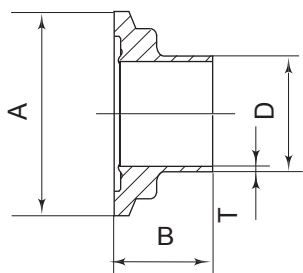
| DN  | A   | B  | B1  | D   | T   |
|-----|-----|----|-----|-----|-----|
| 25  | 90  | 48 | 77  | 29  | 1.5 |
| 32  | 90  | 48 | 88  | 35  | 1.5 |
| 40  | 106 | 48 | 88  | 41  | 1.5 |
| 50  | 120 | 48 | 89  | 53  | 1.5 |
| 65  | 135 | 48 | 113 | 70  | 2   |
| 80  | 149 | 52 | 117 | 85  | 2   |
| 100 | 180 | 52 | 120 | 104 | 2   |



## Ferrule with protrude

### DIN-41

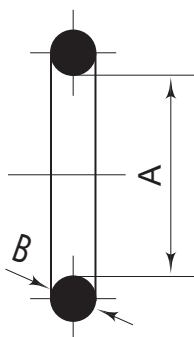
| DN  | A     | B    | D   | T   |
|-----|-------|------|-----|-----|
| 25  | 50.5  | 25.5 | 29  | 1.5 |
| 32  | 50.5  | 25.5 | 35  | 1.5 |
| 40  | 64.0  | 25.5 | 41  | 1.5 |
| 50  | 77.5  | 25.5 | 53  | 1.5 |
| 65  | 91.0  | 25.5 | 70  | 2   |
| 80  | 106.0 | 27.5 | 85  | 2   |
| 100 | 130.0 | 27.5 | 104 | 2   |



## Ferrule with concave

### DIN-42

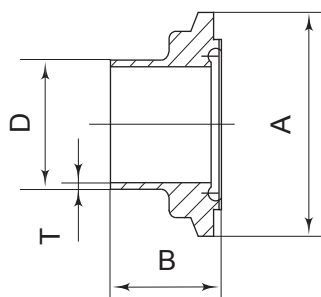
| DN  | A     | B  | D   | T   |
|-----|-------|----|-----|-----|
| 25  | 50.5  | 24 | 29  | 1.5 |
| 32  | 50.5  | 24 | 35  | 1.5 |
| 40  | 64.0  | 24 | 41  | 1.5 |
| 50  | 77.5  | 24 | 53  | 1.5 |
| 65  | 91.0  | 24 | 70  | 2   |
| 80  | 106.0 | 26 | 85  | 2   |
| 100 | 130.0 | 26 | 104 | 2   |



## Seal ring

| DN  | A   | B   |
|-----|-----|-----|
| 25  | 28  | 3.5 |
| 32  | 34  | 5   |
| 40  | 40  | 5   |
| 50  | 52  | 5   |
| 65  | 68  | 5   |
| 80  | 83  | 5   |
| 100 | 102 | 5   |

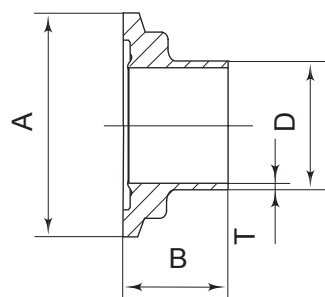
## Aseptic connection



### Ferrule with protrude

#### DIN-41L

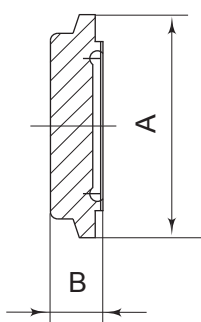
| DN  | A     | B    | D   | T   |
|-----|-------|------|-----|-----|
| 25  | 50.5  | 40   | 29  | 1.5 |
| 32  | 50.5  | 45.5 | 35  | 1.5 |
| 40  | 64.0  | 45.5 | 41  | 1.5 |
| 50  | 77.5  | 46   | 53  | 1.5 |
| 65  | 91.0  | 58   | 70  | 2   |
| 80  | 106.0 | 60   | 85  | 2   |
| 100 | 130.0 | 61.5 | 104 | 2   |



### Ferrule with concave

#### DIN-42L

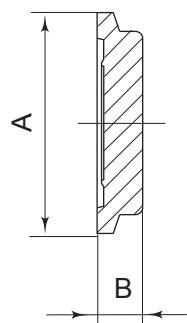
| DN  | A     | B    | D   | T   |
|-----|-------|------|-----|-----|
| 25  | 50.5  | 38.5 | 29  | 1.5 |
| 32  | 50.5  | 44   | 35  | 1.5 |
| 40  | 64.0  | 44   | 41  | 1.5 |
| 50  | 77.5  | 44.5 | 53  | 1.5 |
| 65  | 91.0  | 56.5 | 70  | 2   |
| 80  | 106.0 | 58.5 | 85  | 2   |
| 100 | 130.0 | 60   | 104 | 2   |



### Blank ferrule with protrude

#### DIN-41B

| DN  | A     | B    |
|-----|-------|------|
| 25  | 50.5  | 12   |
| 32  | 50.5  | 15.5 |
| 40  | 64.0  | 15.5 |
| 50  | 77.5  | 16   |
| 65  | 91.0  | 18   |
| 80  | 106.0 | 20   |
| 100 | 130.0 | 21.5 |



### Blank ferrule with concave

#### DIN-42B

| DN  | A     | B    |
|-----|-------|------|
| 25  | 50.5  | 10.5 |
| 32  | 50.5  | 14   |
| 40  | 64.0  | 14   |
| 50  | 77.5  | 14.5 |
| 65  | 91.0  | 16.5 |
| 80  | 106.0 | 18.5 |
| 100 | 130.0 | 20   |

## Aseptic connection

Sri Pumps produce antiseptic connecting fittings with DIN11864-1, DIN11864-2, DIN11864-3, all forged parts are made from round steel, machined by CNC machines which can be done at different surface as clients requirement.

### Technical parameters

|                  |                                         |
|------------------|-----------------------------------------|
| Size             | 1" - 4" DN10 - DN100 17.2 - 114.3       |
| Material         | 304L 316 316L                           |
| Surfac qualities | 1.Ra0.8<br>2.Ra0.6<br>3.Ra0.4(Polished) |

### Ordering specifications

Standard

Size

Material

Surfac qualities

Quantity

Example:

| Standard | Size | Material | Surfac qualities | Quantity |
|----------|------|----------|------------------|----------|
| 3A-22    | 1.5" | 304      | 1(Ra0.8)         | 200      |



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