

# Low Pressure Screw Fittings

## Equal Dia.



Points of comparison between similar products

① JIS Standard Compliant, ② Thick, Heavyweight, High Strength, ③ RoHS Compliant

### 90° Elbow



RoHS 10

| Type   | Material | Surface Treatment |
|--------|----------|-------------------|
| SGPPE  | FCMB270  | Hot Zinc Plating  |
| SUTPE  | SCS13A   | -                 |
| SUTPES | SCS14A   | -                 |

\* For SUTPES, 32A~50A are not provided.

### Male / Female Elbows



RoHS 10

| Type   | Material | Surface Treatment |
|--------|----------|-------------------|
| SGPPEL | FCMB270  | Hot Zinc Plating  |
| SUTPEL | SCS13A   | -                 |

### Tees



RoHS 10

| Type  | Material | Surface Treatment |
|-------|----------|-------------------|
| SGPPT | FCMB270  | Hot Zinc Plating  |
| SUTPT | SCS13A   | -                 |

### Hex Nipples



RoHS 10

| Type   | Material | Surface Treatment |
|--------|----------|-------------------|
| SGPNR  | FCMB270  | Hot Zinc Plating  |
| SUTNR  | SCS13A   | -                 |
| SUTNRS | SCS14A   | -                 |

\* Shape of B Part: No.6A ~ 40A = Hex, 50A = Octagon



Ordering Example

Part Number  
SUTPE20A

### Applicable Standards

■ Similar Parts: JIS B 2301, JIS B 2302, JIS B 0203 Compliant

■ C-VALUE Products: ISO 4144 Compliant, GB/T 7306 Equivalent

### Fitting Material

| Fitting Type                 | Steel                                                                                                                                                                                                 | Stainless Steel                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Low Pressure Screw Fittings  | Casting: FCMB270 (Malleable Casting) or Equivalent<br>* Customers who are particular about external appearance should note that surface is rough because of limitations in the manufacturing process. | Casting: SCS13A (SUS304 Equivalent)<br>SCS14A (SUS316 Equivalent) or Equivalent |
| High Pressure Screw Fittings | S25C or Equivalent                                                                                                                                                                                    | SCS13A (SUS304 Equivalent)                                                      |

### Pressure, Temperature Standards

■ Similar Part, C-VALUE Products Common Specifications

| Fluid State (°C)                              | Max. Operating Pressure (Mpa) |
|-----------------------------------------------|-------------------------------|
| Steam, Air, Gas, Oil: Up to 300°C             | 1.0                           |
| Steam, Air, Oil, Pulsating Water: Up to 200°C | 1.4                           |
| Static Flow Water: Up to 120°C                | 2.0                           |

\* Pulsating Water is a stream of water that is generated under steady operating conditions and variation of pressure and flow rate occurs in cycles.

\* Static Flow Water is a non-pulsating stream of water.

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

MISUMI  
C-VALUE

# Low Pressure Screw Fittings

## Equal Dia.



Points of comparison between similar products

① ISO Standard Equivalent, ② Thin, Lightweight, ③ Not RoHS Compliant

For similar parts P.1273

### 90° Elbow



| Type    | Material |
|---------|----------|
| C-SUTPE | SCS13A   |

### Male / Female Elbows



| Type     | Material |
|----------|----------|
| C-SUTPEL | SCS13A   |

### Tees



| Type    | Material |
|---------|----------|
| C-SUTPT | SCS13A   |

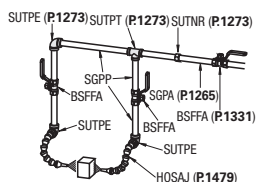


Ordering Example

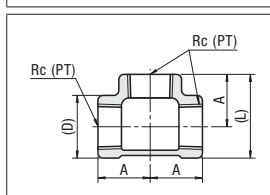
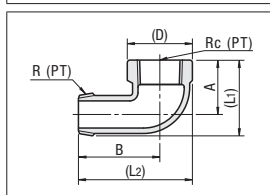
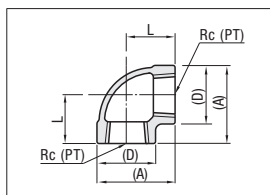
Part Number  
C-SUTPE20A



Example



### Minimum Thickness Dimension, Weight



### 90° Elbow

\* Thickness and weight are for reference, and should not be used as quality criteria.

| No. | Rc (PT) | Minimum Thickness (mm) |                  | Weight (g)   |                  |
|-----|---------|------------------------|------------------|--------------|------------------|
|     |         | Similar Part           | C-VALUE Products | Similar Part | C-VALUE Products |
| 6A  | 1/8     | 2.8                    | 2.5              | 55           | 25               |
| 8A  | 1/4     | 3.2                    | 2.9              | 50           | 40               |
| 10A | 3/8     | 3.2                    | 2.9              | 75           | 45               |
| 15A | 1/2     | 3.5                    | 1.6              | 120          | 70               |
| 20A | 3/4     | 3.5                    | 1.7              | 185          | 110              |
| 25A | 1       | 3.5                    | 1.9              | 295          | 200              |

### Male/Female Elbows

\* Thickness and weight are for reference, and should not be used as quality criteria.

| No. | R, Rc(PT) | Minimum Thickness (mm) |                  | Weight (g)   |                  |
|-----|-----------|------------------------|------------------|--------------|------------------|
|     |           | Similar Part           | C-VALUE Products | Similar Part | C-VALUE Products |
| 6A  | 1/8       | 2.8                    | 1.1              | 30           | 20               |
| 8A  | 1/4       | 3                      | 1.5              | 40           | 30               |
| 10A | 3/8       | 3                      | 1.5              | 60           | 45               |
| 15A | 1/2       | 3.5                    | 2                | 85           | 70               |
| 20A | 3/4       | 3.5                    | 2                | 150          | 110              |
| 25A | 1         | 3.5                    | 2                | 240          | 190              |

### Tees

\* Thickness and weight are for reference, and should not be used as quality criteria.

| No. | Rc (PT) | Minimum Thickness (mm) |                  | Weight (g)   |                  |
|-----|---------|------------------------|------------------|--------------|------------------|
|     |         | Similar Part           | C-VALUE Products | Similar Part | C-VALUE Products |
| 6A  | 1/8     | 3.2                    | 2.5              | 90           | 25               |
| 8A  | 1/4     | 3.2                    | 2.9              | 80           | 45               |
| 10A | 3/8     | 3.2                    | 2.9              | 105          | 75               |
| 15A | 1/2     | 3.2                    | 1.6              | 165          | 100              |
| 20A | 3/4     | 3.2                    | 1.7              | 240          | 165              |
| 25A | 1       | 3.4                    | 1.9              | 410          | 320              |