

# Sanitary Pipe Fittings

Pipe Straps / Gaskets / Clamps / One-Touch Clamps

# Sanitary Adapter Fittings

**Pipe Straps**



RoHS10

**Gaskets**



RoHS10

**Clamps - Low Pressure Use**



RoHS10

**Clamps - Medium and High Pressure Use**



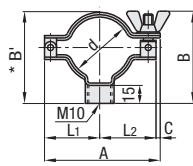
RoHS10

**One-Touch Clamps**

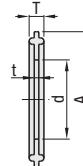


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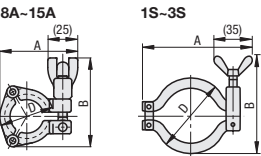
| Type | Material         | Recommended Operating Pressure |
|------|------------------|--------------------------------|
| SNZP | EN 1.4301 Equiv. |                                |



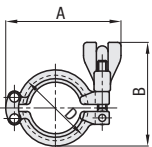
| Type  | Material | Recommended Operating Pressure |
|-------|----------|--------------------------------|
| SNGS  | Silicone |                                |
| SNGSF | PTFE     |                                |



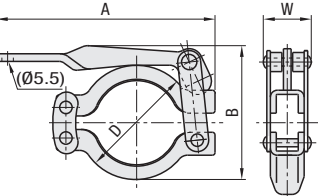
| Type | Material                | Recommended Operating Pressure       |
|------|-------------------------|--------------------------------------|
| SNCP | 8A-15A Equiv. EN 1.4308 | 8A-2S: 0-0.3MPa<br>2.5S-3S: 0-0.2MPa |



| Type  | Material         | Recommended Operating Pressure     |
|-------|------------------|------------------------------------|
| SNCPH | EN 1.4308 Equiv. | 1S-2S: 0-1MPa<br>2.5S-3S: 0-0.6MPa |



| Type  | Material         | Recommended Operating Pressure |
|-------|------------------|--------------------------------|
| SNCPW | EN 1.4301 Equiv. | 0-1MPa                         |



| Part Number | d    | A    | B     | L <sub>1</sub> | L <sub>2</sub> | C    | Unit Price | Volume Discount Rate |
|-------------|------|------|-------|----------------|----------------|------|------------|----------------------|
| Type        | No.  |      |       |                |                |      | Qty. 1 ~ 9 | 10-20                |
| SNZP        | 1S   | 25.4 | 60    | 56             | 28             | 30   | 2          |                      |
|             | 1.5S | 38.1 | 81.5  | 63             | 39             | 37.5 | 5          |                      |
|             | 2S   | 50.8 | 96.5  | 76             | 46             | 47   | 3.5        |                      |
|             | 2.5S | 63.5 | 111.5 | *86            | 53.5           | 54.5 | 3.5        |                      |
|             | 3S   | 76.3 | 122   | *98            | 58             | 61   | 3          |                      |

Dimensions marked with \* are B' dimension. For orders larger than indicated quantity, please check with WOS.

All widths are 28.

| Part Number | A    | d    | T           | t         | Unit Price  | Volume Discount Rate |
|-------------|------|------|-------------|-----------|-------------|----------------------|
| Type        | No.  |      |             |           | Qty. 1 ~ 19 | 20-30                |
| SNGSF       | 8A   | 34   | 10.5        |           | -           | -                    |
|             | 10A  |      | 14          |           | -           | -                    |
|             | 15A  |      | 17.5        |           | -           | -                    |
|             | 1S   | 50.5 | 23.2 (23)   |           |             |                      |
|             | 1.5S |      | 35.9 (35.7) |           |             |                      |
| SNGS        | 2S   | 64   | 48 (47.8)   | 5.5 (5.0) | 2 (1.8)     |                      |
|             | 2.5S | 77.5 | 59.7 (59.5) |           |             |                      |
|             | 3S   | 91   | 72.5 (72.3) |           |             |                      |

For orders larger than indicated quantity, please check with WOS.

| Part Number | D    | A   | B   | Unit Price | Volume Discount Rate |
|-------------|------|-----|-----|------------|----------------------|
| Type        | No.  |     |     | Qty. 1 ~ 9 | 10-20                |
| SNCP        | 8A   | 45  | 65  | 74         |                      |
|             | 10A  |     |     |            |                      |
|             | 15A  |     |     |            |                      |
|             | 1S   | 60  | 94  | 90         |                      |
|             | 1.5S | 75  | 110 | 103        |                      |
| 2S          | 90   | 130 | 108 |            |                      |
|             | 2.5S | 104 | 144 | 114        |                      |
|             | 3S   |     |     |            |                      |

As the ferrule shape for No.8A ~ 15A and 1S and 1.5S are identical, the shapes for SNCP8A ~ 15A and SNCP1S and 1.5S are identical.

For orders larger than indicated quantity, please check with WOS.

| Part Number | D    | A   | B   | Unit Price | Volume Discount Rate |
|-------------|------|-----|-----|------------|----------------------|
| Type        | No.  |     |     | Qty. 1 ~ 9 | 10-20                |
| SNCPH       | 1S   | 65  | 97  | 88         |                      |
|             | 1.5S |     |     |            |                      |
|             | 2S   | 79  | 109 | 96         |                      |
|             | 2.5S | 94  | 128 | 104        |                      |
|             | 3S   | 107 | 143 | 110        |                      |

The shapes for SNCPH1S and 1.5S are identical.

For orders larger than indicated quantity, please check with WOS.

| Part Number | D    | A  | B   | W  | Unit Price | Volume Discount Rate |
|-------------|------|----|-----|----|------------|----------------------|
| Type        | No.  |    |     |    | Qty. 1 ~ 9 | 10-20                |
| SNCPW       | 1S   | 60 | 114 | 70 | 25         |                      |
|             | 1.5S |    |     |    |            |                      |
|             | 2S   | 75 | 124 | 88 | 25         |                      |

SNCF1S and 1.5S are the same shape.

For orders larger than indicated quantity, please check with WOS.

**Features**

- Reduces time for attaching or detaching the clamps, and improves operating efficiency.
- Suitable for test equipment requiring frequent attaching and detaching.
- Lever provides uniform torque to enable secure tightening without damaging the gaskets.
- Lack of cross-threading results in more durability compared to screw fastening type.
- Little wear of threads produces less metal powder, contributing in excellent hygiene.

**Allowable Pressure Range: 1MPa or lower**

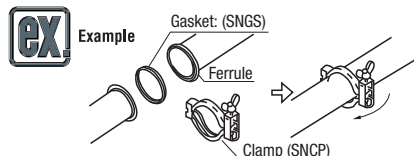
**Results of Pressure Test (Conditions: under Pressure at Room Temperature)**

- 1.5MPa x30 minutes: No Leakage
- After 300 times of open/close cycles, 1.5MPa x30 minutes: No Leakage

**Caution**

Excessive pressure on the lever may cause the clamp to come off as there is no locking mechanism. To prevent the malfunction of the clamp, locking the lever using a hole on the lever is recommended.

**Example**



**Male Threads**



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**Hose**



RoHS10

**Female Threads**



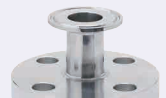
RoHS10

**Swaged Sleeve**



RoHS10

**Flanged x Ferrule**



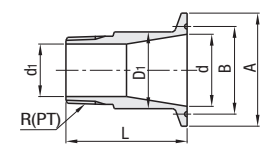
RoHS10

**Flanged x Thread Sheet**

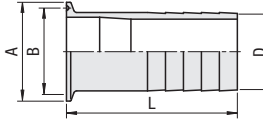


RoHS10

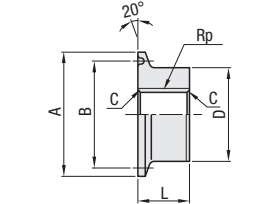
| Type  | Material         |
|-------|------------------|
| SNZFA | EN 1.4301 Equiv. |



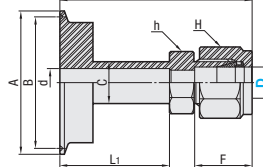
| Type   | Material         |
|--------|------------------|
| SNHAD  | EN 1.4301 Equiv. |
| SNHADS | EN 1.4404 Equiv. |



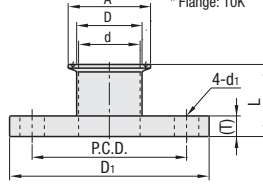
| Type  | Material         |
|-------|------------------|
| SNZFS | EN 1.4301 Equiv. |



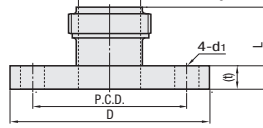
| Type  | Material         |
|-------|------------------|
| SNSUS | EN 1.4301 Equiv. |



| Type  | Material         |
|-------|------------------|
| SNZFR | EN 1.4301 Equiv. |



| Type  | Material         |
|-------|------------------|
| SNZFY | EN 1.4301 Equiv. |



| Part Number | Nominal | R(PT) | L     | A  | B    | d    | d <sub>1</sub> | D <sub>1</sub> | Unit Price | Volume Discount Rate |
|-------------|---------|-------|-------|----|------|------|----------------|----------------|------------|----------------------|
| Type        | No.     |       |       |    |      |      |                |                | Qty. 1 ~ 9 | 10-20                |
| SNZFA       | 1S      | 3-40  | 3/8   | 40 |      |      | 11.0           | 17.3           |            |                      |
|             |         | 4     | 1/2   | 60 |      |      | 15.7           | 21.7           |            |                      |
|             |         | 4-40  |       | 40 |      |      |                |                |            |                      |
|             |         | 6     | 3/4   | 60 |      |      | 21             | 27.2           |            |                      |
|             |         | 6-40  |       | 40 |      |      |                |                |            |                      |
|             | 1.5S    | 8     | 1     | 60 | 50.5 | 43.5 | 26             | 34             |            |                      |
|             |         | 8-40  | 3/4   | 40 |      |      | 21             | 27.2           |            |                      |
|             |         | 8     | 1     | 60 |      |      | 26             | 34             |            |                      |
|             |         | 8-40  | 3/4   | 40 |      |      | 21             | 27.2           |            |                      |
|             |         | 10    | 1 1/4 | 65 |      |      | 35.7           | 42.7           |            |                      |
|             | 2S      | 12    | 1 1/2 | 65 |      |      | 40             | 48.6           |            |                      |
|             |         | 10    | 1 1/4 | 70 | 64.0 | 56.5 | 35.7           | 42.7           |            |                      |
|             |         | 12    | 1 1/2 | 70 |      |      | 40             | 50.8           |            |                      |
|             |         | 16    | 2     | 70 |      |      | 51             | 60.5           |            |                      |
|             |         |       |       |    |      |      |                |                |            |                      |

For orders larger than indicated quantity, please check with WOS.

| Part Number | Hose Nominal I.D. | A    | B    | L    | D   | Unit Price | Volume Discount Rate | Unit Price | Volume Discount Rate |
|-------------|-------------------|------|------|------|-----|------------|----------------------|------------|----------------------|
| Type        | No.               |      |      |      |     | Qty. 1 ~ 9 | 10-20                | Qty. 1 ~ 9 | 10-20                |
| SNHAD       | 1S                | 1S   | 50.5 | 43.5 | 80  | 25.4       |                      |            |                      |
|             |                   | 19   | 50.5 | 43.5 | 50  | 20.5       |                      |            |                      |
|             | 1.5S              | 1.5S | 50.5 | 43.5 | 100 | 38.1       |                      |            |                      |
|             |                   | 1S   | 50.5 | 43.5 | 100 | 25.4       |                      |            |                      |
|             | 2S                | 2S   | 64.0 | 56.5 | 100 | 50.8       |                      |            |                      |
|             |                   | 1.5S | 64.0 | 56.5 | 100 | 38.1       |                      |            |                      |
|             | 2.5S              | 2.5S | 77.5 | 70.5 | 100 | 63.5       |                      |            |                      |
|             |                   | 2S   | 77.5 | 70.5 | 100 | 50.8       |                      |            |                      |
|             | 3S                | 3S   | 91.0 | 83.5 | 100 | 76.3       |                      |            |                      |
|             |                   |      |      |      |     |            |                      |            |                      |

For 10 or more pieces of No.2.5S-2S, please request a quotation. For orders larger than indicated quantity, please check with WOS.

| Part Number | Nominal | Rp | A     | B    | D    | L    | C   | Unit Price | Volume Discount Rate |
|-------------|---------|----|-------|------|------|------|-----|------------|----------------------|
| Type        | No.     |    |       |      |      |      |     | Qty. 1 ~ 9 | 10-20                |
| SNZFS       | 1.5S    | 2  | 1/4   |      |      |      | 0.9 |            |                      |
|             |         | 3  | 3/8   | 50.5 | 43.5 | 38.1 | 1.2 |            |                      |
|             |         | 4  | 1/2   |      |      |      | 1.2 |            |                      |
|             | 2S      | 3  | 3/8   |      |      |      | 1.2 |            |                      |
|             |         | 4  | 1/2   | 64.0 | 56.5 | 50.8 | 1.2 |            |                      |
|             |         | 6  | 3/4   |      |      |      | 1.2 |            |                      |
|             | 2.5S    | 4  | 1/2   |      |      |      | 1.2 |            |                      |
|             |         | 6  | 3/4   | 77.5 | 70.5 | 63.5 | 1.2 |            |                      |
|             |         | 8  | 1     |      |      |      | 1.5 |            |                      |
|             | 3S      | 6  | 3/4   |      |      |      | 1.2 |            |                      |
|             |         | 8  | 1     | 91.0 | 83.5 | 76.3 | 1.5 |            |                      |
|             |         | 10 | 1 1/4 |      |      |      | 1.5 |            |                      |

For orders larger than indicated quantity, please check with WOS.

| Part Number | D    | A    | B    | C    | d    | L    | L <sub>1</sub> | F    | Opposite Side | Unit Price |
|-------------|------|------|------|------|------|------|----------------|------|---------------|------------|
| Type        | No.  |      |      |      |      |      |                |      | Main Body H   | Nut H      |
| SNSUS       | 1S   | 4    |      | 6    | 4    | 43.8 | 19             | 15.3 |               |            |
|             |      | 6    | 50.5 | 43.5 | 8    | 6    | 43.9           | 19   | 15.4          |            |
|             | 1.5S | 6.35 |      | 9.53 | 7    | 48.9 | 24             | 15.4 |               |            |
|             |      | 6.35 | 64.0 | 56.5 | 12.7 | 10   | 52.9           | 28   | 15.4          |            |
|             | 2S   | 8    |      | 10   | 8    | 49.8 | 24             | 16.8 |               |            |
|             |      |      |      |      |      |      |                |      |               |            |
|             |      |      |      |      |      |      |                |      |               |            |
|             |      |      |      |      |      |      |                |      |               |            |

D shows applicable tube O.D. Applicable Pipes: P.1297 For orders larger than indicated quantity, please check with WOS.

| Part Number | Nominal | D   | D <sub>1</sub> | d   | d <sub>1</sub> | A  | L    | (T) | P.C.D. | Unit Price | Volume Discount Rate |
|-------------|---------|-----|----------------|-----|----------------|----|------|-----|--------|------------|----------------------|
| Type        | No.     |     |                |     |                |    |      |     |        | Qty. 1 ~ 4 | 5-10                 |
| SNZFR       | 1S      | 20A | 25.4           | 100 | 23             | 15 | 50.5 | 54  | 14     | 75         |                      |
|             |         | 25A |                | 125 |                |    |      |     |        | 90         |                      |
|             |         | 32A |                | 135 |                |    |      |     |        | 100        |                      |
|             | 1.5S    | 40A | 38.1           | 140 | 35.7           |    | 50.5 | 56  | 16     | 105        |                      |
|             |         | 40A |                | 140 |                |    |      |     |        | 105        |                      |
|             |         | 50A | 50.8           | 140 | 47.8           | 19 | 64   |     |        | 120        |                      |
|             | 2S      | 50A |                | 155 |                |    |      |     |        | 120        |                      |
|             |         | 50A |                | 155 |                |    |      |     |        | 120        |                      |
|             |         | 65A | 63.5           | 175 | 59.5           |    | 77.5 | 58  | 18     | 140        |                      |
|             |         |     |                |     |                |    |      |     |        |            |                      |

Weld beads are removed and polished on the inner surface only. For orders larger than indicated quantity, please check with WOS.

| Part Number | Nominal | D   | d   | d <sub>1</sub> | L  | (T) | P.C.D. | Unit Price | Volume Discount Rate |
|-------------|---------|-----|-----|----------------|----|-----|--------|------------|----------------------|
| Type        | No.     |     |     |                |    |     |        | Qty. 1 ~ 4 |                      |
| SNZFY       | 1S      | 20A | 100 | 15             |    |     | 75     |            |                      |
|             |         | 25A | 125 |                | 54 | 14  | 90     |            |                      |
|             |         | 32A | 135 |                |    |     | 100    |            |                      |
|             | 1.5S    | 40A | 140 | 35.7           |    |     | 105    |            |                      |
|             |         | 40A |     |                |    |     | 105    |            |                      |
|             |         | 50A | 140 | 47.8           | 56 | 16  | 120    |            |                      |
|             | 2S      | 50A | 155 |                |    |     | 120    |            |                      |
|             |         | 50A |     |                |    |     | 120    |            |                      |
|             |         | 65A | 175 | 59.5           | 58 | 18  | 140    |            |                      |
|             |         |     |     |                |    |     |        |            |                      |

Weld beads are removed and polished on the inner surface only. For orders larger than indicated quantity, please check with WOS.

