Double Layer Tubing Stripper
Series TKS

Allows easy stripping of the outer layer from double layer tubing.

Able to strip without damaging the inner tubing
The outer tubing can be stripped without damaging the inner tubing because a pawl is inserted between the inner and outer tubing layers.

Adjustment of cutter and stripping length is unnecessary
A constant stripping length is always possible due to the fixed cutter with angle that cuts until the tubing reaches the end surface inside the stripper.

Can be attached to tools
Stripping work can be automated by attaching to an air driver, etc.

Window
Do not use to strip covering materials from electrical wires, etc.

Variations

<table>
<thead>
<tr>
<th>Model</th>
<th>Tip color</th>
<th>Applicable tubing *</th>
<th>Dimensions mm</th>
<th>Weight g</th>
</tr>
</thead>
<tbody>
<tr>
<td>TKS-06</td>
<td>Orange</td>
<td>TRB0604, TRBU0604</td>
<td>D1 16 D2 58 L 45</td>
<td>45</td>
</tr>
<tr>
<td>TKS-08</td>
<td>Yellow</td>
<td>TRB0806, TRBU0805</td>
<td>35 18 62</td>
<td>50</td>
</tr>
<tr>
<td>TKS-10</td>
<td>Blue</td>
<td>TRB1075, TRBU1065</td>
<td>20 62 50</td>
<td></td>
</tr>
<tr>
<td>TKS-12</td>
<td>Green</td>
<td>TRB1209, TRBU1208</td>
<td>22 62 50</td>
<td></td>
</tr>
</tbody>
</table>

* Inner tubing material/TRB: Nylon, TRBU: Polyurethane

Removal of stripped tubing is unnecessary
Since the stripped tubing is discharged to the outside, no additional labor is required to remove it.

Even double layer polyurethane tubing (series TRBU) which is highly adhesive to the external layer can be stripped easily.

Can be attached to tools
Stripping work can be automated by attaching to an air driver, etc.

Adjustment of cutter and stripping length is unnecessary
A constant stripping length is always possible due to the fixed cutter with angle that cuts until the tubing reaches the end surface inside the stripper.

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* Inner tubing material/TRB: Nylon, TRBU: Polyurethane
1. Insert tubing into the double layer tubing stripper (series TKS).

2. Rotate the TKS in the direction of the arrow below while pushing it.

3. Strip the outer layer until the cut end of the tubing strikes the end surface inside the stripper.
   Note) Stripping is not possible by rotating in the opposite direction.

4. Pull the TKS off of the tubing and stripping is completed.
   The tubing can be attached as it is to a FR One-touch fitting.

**Caution**

1. When using a tool such as an air driver, use a push start type which rotates after the tubing is inserted.
2. Do not insert the tubing when the TKS is rotating, as the pawl may be damaged.

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### Specific Product Precautions

**Operation**

- Insert tubing into the double layer tubing stripper (series TKS).
- Rotate the TKS in the direction of the arrow while pushing it.
- Strip the outer layer until the end surface inside the stripper strikes the cut end of the tubing.
- Pull the TKS off of the tubing and stripping is completed.
- The tubing can be attached as it is to a FR One-touch fitting.

**Attachment to Tools**

- Align the socket of the TKS with a commercially available male socket adapter (9.5mm square).
- Connect the socket adapter to the TKS.
- Connection with tools such as an air driver is possible.
- Be sure the TKS does not shake or vibrate.

**Usage**

- Tubing can be attached as it is to a FR One-touch fitting.
- Connection with tools such as an air driver is possible.
- Be sure the TKS does not shake or vibrate.

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### Related Products/Flame Resistant (Equivalent to UL-94 Standard V-0)

#### FR Double Layer Tubing & FR One-touch Fittings

<table>
<thead>
<tr>
<th>FR double layer nylon tubing/TRB</th>
<th>FR double layer polyurethane tubing/TRBU</th>
<th>FR One-touch fitting/KR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part number</td>
<td>TRB0604</td>
<td>TRB0806</td>
</tr>
<tr>
<td>Inner tubing I.D. (mm)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Inner tubing O.D. (mm)</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Outer layer thickness (mm)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Outer layer color</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Note 1) Inner tubing color is black.
Note 2) Can be used for general industrial water. Consult SMC if used for other fluids. Also keep surge pressure at or below the maximum operating pressure.
Note 3) Indicates the value where the O.D. rate of change is 10% or less at a temperature of 20°C. |

**Table Notes**

- Min. bending radius (mm): 15, 20, 27, 36
- Min. bending radius (mm): 15, 20, 27, 36

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**Specifications**

- Applicable tubing: Air, Water
- Minimum operating pressure: 0.1 MPa
- Proof pressure: 1.0 MPa
- Ambient and fluid temperature: 0 to 60°C for water (with no freezing)
- Threads: JIS B 0203 (taper thread for pipe)
- Nut: JIS B 0211 Class 1 (metric fine screw thread)
- Torque: 0.5 to 0.7 Nm (max)
- Material: PTFE

- Details: JIS B 0203 (taper thread for pipe)
- Details: JIS B 0211 Class 1 (metric fine screw thread)
- Details: PTFE

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**Related Products**

- FR Double Layer Tubing
- FR One-touch Fittings
- Flame Resistant (Equivalent to UL-94 Standard V-0)

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**Notes**

- Note 1) Can be used for general industrial water. Consult SMC if used for other fluids. Also keep surge pressure at or below the maximum operating pressure.
- Note 2) Can be used for general industrial water. Consult SMC if used for other fluids. Also keep surge pressure at or below the maximum operating pressure.
- Note 3) Indicates the value where the O.D. rate of change is 10% or less at a temperature of 20°C.