

INFORMATION *New!*

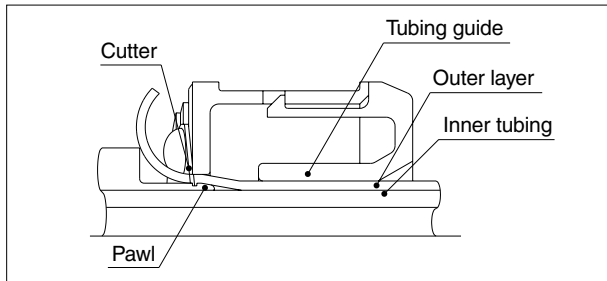
SMC Pneumatics, Inc. 3011 N. Franklin Road Indianapolis, Indiana 46226
 1-800-SMC-SMC1 (762-7621) www.smcusa.com US98-E467 12/99

Double Layer Tubing Stripper Series TKS

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

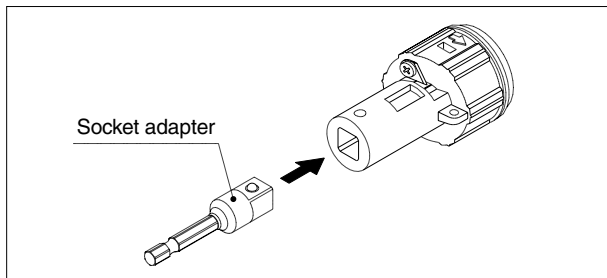
Able to strip without damaging the inner tubing

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



Can be attached to tools

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



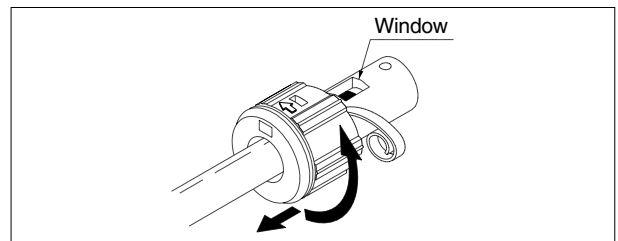
Caution
 Do not use to strip covering materials from electrical wires, etc.

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.

Removal of stripped tubing is unnecessary

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

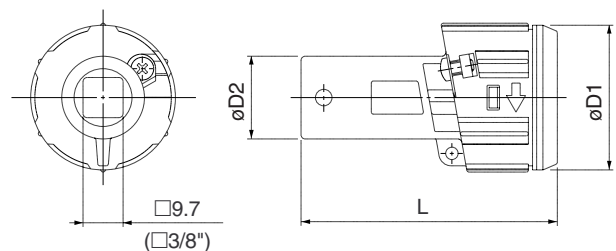


• Even double layer polyurethane tubing (series TRBU) which is highly adhesive to the external layer can be stripped easily.

Variations

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

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

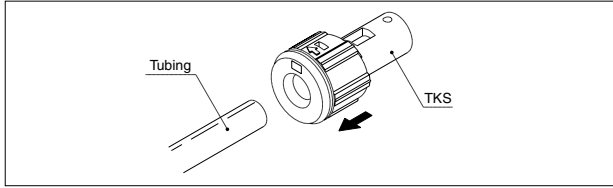


⚠ Specific Product Precautions

Operation

⚠ Caution

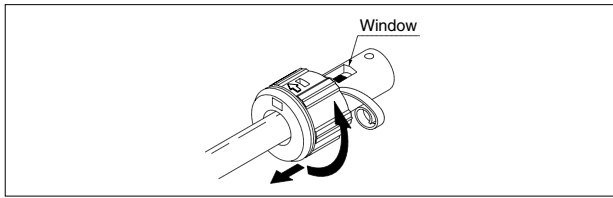
1. Insert tubing into the double layer tubing stripper (series TKS).



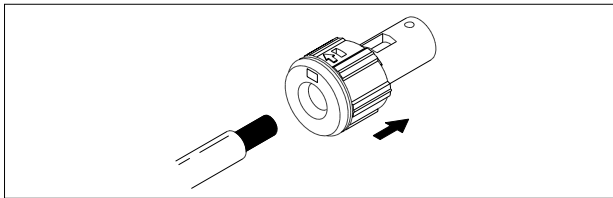
2. Rotate the TKS in the direction of the arrow below while pushing it.

3. Strip the outer layer until the cut end of the tubing strikes the end surface inside the stripper.

The end surface can be confirmed in the window.
 (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.

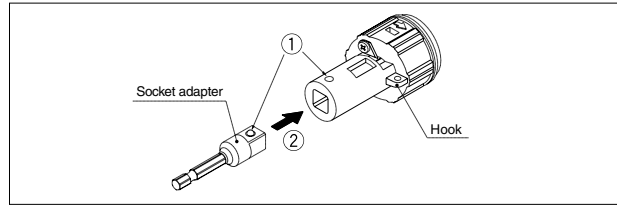


Attachment to Tools

⚠ Caution

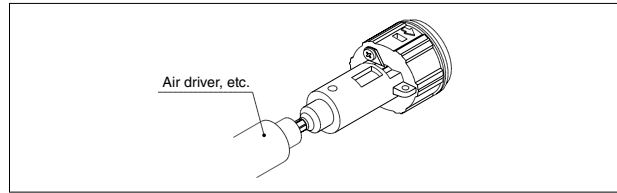
1. Align the socket of the TKS with a commercially available male socket adapter (9.5mm square).

2. Connect the socket adapter to the TKS.



3. Connection with tools such as an air driver is also possible.

(Note) Be sure the TKS does not shake or vibrate.



Usage

⚠ 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.

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

FR double layer nylon tubing/TRB

		●-20m bundle □-100m reel			
Part number		TRB0604	TRB0806	TRB1075	TRB1209
Inner tubing O.D. mm		6	8	10	12
Inner tubing I.D. mm		4	6	7.5	9
Outer layer thickness mm		1	1	1	1
Note 1) Outer layer color	Black (B)	●	●	●	●
	White (W)	□	□	□	□
	Red (R)	●	●	●	●
	Blue (BU)	●	●	●	●
	Yellow (Y)	●	●	●	●
	Green (G)	●	●	●	●
Note 3) Min. bending radius mm		15	28	35	45

Note 1) The color of all inner tubing 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.



FR double layer polyurethane tubing/TRBU

		●-20m bundle □-100m reel			
Part number		TRBU0604	TRBU0805	TRBU1065	TRBU1208
Inner tubing O.D. mm		6	8	10	12
Inner tubing I.D. mm		4	5	6.5	8
Outer layer thickness mm		1	1	1	1
Note 1) Outer layer color	Black (B)	●	●	●	●
	White (W)	□	□	□	□
	Red (R)	●	●	●	●
	Blue (BU)	●	●	●	●
	Yellow (Y)	●	●	●	●
	Green (G)	●	●	●	●
Note 3) Min. bending radius mm		15	20	27	35

Note 1) The color of all inner tubing 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.



FR One-touch fitting/KR

Applicable tubing	
Tubing material	FR double layer, FR soft nylon
Tubing O.D.	ø6, ø8, ø10, ø12

Specifications		
Fluid	Air, Water ^{Note1)}	
Maximum operating pressure	1.0MPa	
Proof pressure	3.0MPa	
Ambient and fluid temperature	-5 to 60°C, For water 0 to 60°C (with no freezing)	
Threads	Mounting	JIS B 0203 (taper thread for pipe)
	Nut	JIS B 0211 Class 2 (metric fine screw thread)
Thread sealant	With sealant (standard)	

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.



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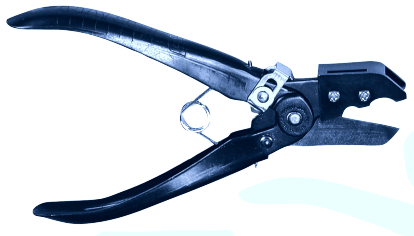
FITTINGS
AIR PREPARATION EQUIPMENT

CHILLERS AND THERMO CONS
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Tubing Cutters

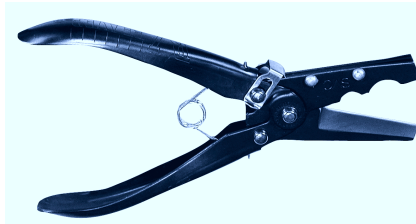
TK-1

Applicable tubing O.D.: 13mm or less.



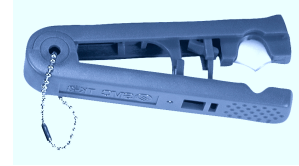
TK-2

Applicable tubing O.D.: 18mm or less.



TK-3 (Simple type)

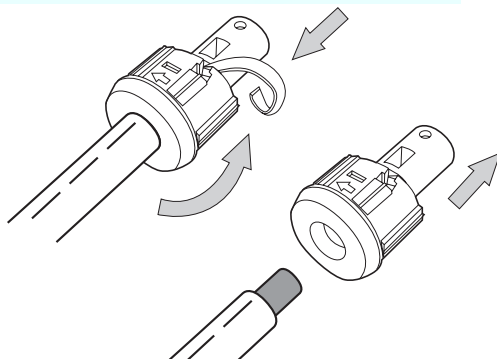
Applicable tubing O.D.: 12mm or less.



Double Layer Tubing Stripper

Series TKS

Allows the outer layer of SMC's double layer tubing to be stripped off easily.



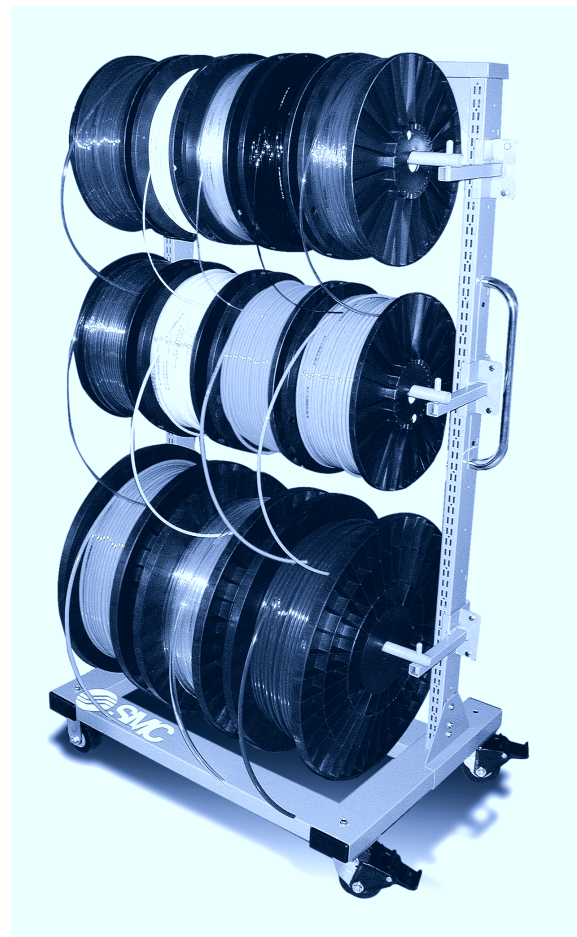
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TKS-12	Green	TRB1209, TRBU1208

* Inner tubing material / TRB: soft nylon, TRBU: Polyurethane

Vertical Tubing Stand

Series TB-3VS



Dimensions: 37-1/4" w x 27-9/16" d x 68-11/16" h

Designed for high capacity and reel size flexibility. This stand comes with two cross bars. A third cross bar can be ordered separately (TB-3CB).