

Related Products: Multi-tube Holder Series *TM*

RoHS

- Easy arrangement of tubing
Easy tube insertion and firm fixation
- Possible to separate options
depending on number of connection tubes
- Use of flame resistant resin
(Equivalent to UL-94 standard V-0)



Applicable Tubing

| | |
|-----------------|--|
| Tubing material | Nylon, Soft nylon, Polyurethane, other soft plastic tubing |
| Tubing O.D. | ø4, ø6, ø8, ø10, ø12 |

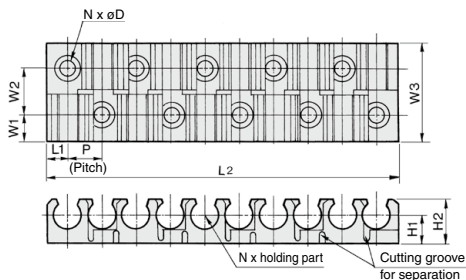
Model

| Applicable tubing O.D. (mm) | Model | No. of connecting tubes (Max.) | | |
|-----------------------------|-------|--------------------------------|---|----|
| | | 6 | 8 | 12 |
| 4 | TM-04 | | | ● |
| 6 | TM-06 | | | ● |
| 8 | TM-08 | | ● | |
| 10 | TM-10 | ● | | |
| 12 | TM-12 | ● | | |

Specifications

| | | | |
|---------------------|---|-------------------------|----------------|
| Ambient temperature | -20 to 60°C | | |
| Material | Flame resistant polypropylene (Equivalent to UL-94 standard V-0) | | |
| Color | Black | | |
| Accessory | For mounting Cross recessed head countersunk tapping screw (Nickel plated) | | |
| | Model | Size (Nominal x Length) | No. of tubings |
| | TM-04 | 2 x 6 | 4 |
| | TM-06 | 2.6 x 6 | |
| | TM-08 | | |
| | TM-10 | 3 x 8 | |
| | TM-12 | | |

Dimensions: Multi-tube Holder



| Applicable tubing O.D. (mm) | Model | N (No. of holding parts) | P | L ₁ | L ₂ | W ₁ | W ₂ | W ₃ | H ₁ | H ₂ | øD | Mounting screw (Nominal x Length) |
|-----------------------------|-------|--------------------------|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|-----------------------------------|
| 4 | TM-04 | 12 | 6 | 3.25 | 72.5 | 4.5 | 8 | 17 | 5 | 7.5 | 2.2 | 2 x 6 |
| 6 | TM-06 | 12 | 7.5 | 4.5 | 91.5 | 5.5 | 10 | 21 | 6.5 | 10 | 2.8 | 2.6 x 8 |
| 8 | TM-08 | 8 | 9.5 | 5.5 | 77.5 | 6 | 11 | 23 | 7.5 | 12 | 2.8 | 2.6 x 8 |
| 10 | TM-10 | 6 | 12.5 | 7.5 | 77.5 | 6.5 | 12 | 25 | 8.8 | 14.3 | 3.2 | 3 x 8 |
| 12 | TM-12 | 6 | 15 | 9 | 93 | 6.5 | 12 | 25 | 9.8 | 16.3 | 3.2 | 3 x 8 |

How to Use

⚠ Caution

1. Cut the multi-tube holder depending on number of tubes to be connected.

<Cutting method>



Cut the groove for separation with side cutters.

2. Install the multi-tube holder to the equipment with cross-recessed head, countersunk tapping screw.
3. Lay the tube across the gripper and push on the tube.
4. For removing the tubes, pull up the tubes from the gripper.

Related Products: Multi-holder

Series TMA

RoHS

- Can be used to secure the KE□ series exhaust valve with One-touch fitting.
- One-touch fitting New KQ2, union tee, elbow, and straight can also be secured.
- Depending on the number of holders required, they can be separated as desired. (Align the cutter with the cutting groove and cut the holder.)

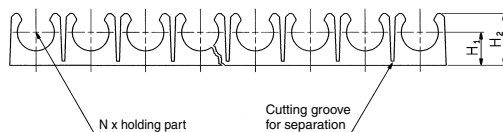
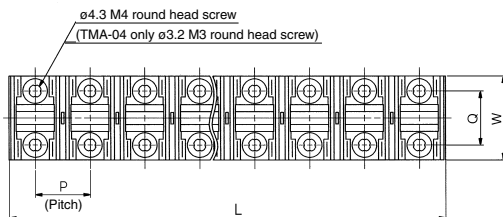
Specifications

| | |
|---------------------|--|
| Ambient temperature | -20 to 60°C (No freezing) |
| Material | Flame resistant polypropylene (Equivalent to UL-94 standard V-0) |
| Color | Black |

Model

| Model | Stations | Applicable exhaust valve | Applicable One-touch fitting | | |
|--------|----------|--------------------------|------------------------------|-------------|----------------|
| | | | Union tee | Union elbow | Straight union |
| TMA-04 | 10 | — | KQ2T06-00A | KQ2L06-00A | KQ2H06-00A |
| TMA-06 | 8 | KEA06 | KQ2T08-00A | KQ2L08-00A | KQ2H08-00A |
| | | KEB06 | | | |
| TMA-08 | 8 | KEA08 | KQ2T10-00A | KQ2L10-00A | KQ2H10-00A |
| | | KEB08 | | | |
| | | KEC-02 | | | |
| TMA-10 | 6 | KEA10 | KQ2T12-00A | KQ2L12-00A | KQ2H12-00A |
| | | KEB10 | | | |
| TMA-12 | 6 | KEA12 | — | — | — |
| | | KEB12 | | | |
| | | KEC-03 | | | |

Dimensions: Multi-holder



| Model | P | L | W | H ₁ | H ₂ | Q |
|--------|------|-------|------|----------------|----------------|------|
| TMA-04 | 16.1 | 160.1 | 26 | 10.2 | 15.5 | 17.5 |
| TMA-06 | 19 | 151 | 29 | 11.4 | 17.9 | 18.6 |
| TMA-08 | 21.7 | 172.5 | 31.8 | 12.6 | 20.3 | 18.6 |
| TMA-10 | 25.4 | 151.2 | 35 | 15 | 24.3 | 22 |
| TMA-12 | 28.1 | 167.3 | 37 | 16.2 | 26.7 | 22 |

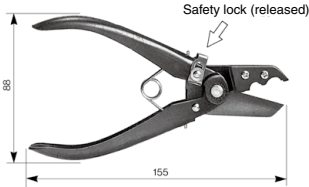
Related Products:

Tube Cutter

Series TK



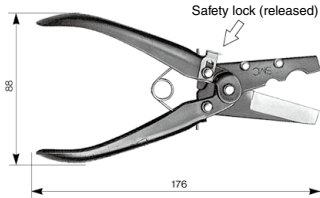
Tube Cutter: TK-1
Perpendicular cutting
Reduced operating force
Safety lock contained



(Note) Do not use it to cut the metallic materials such as electric wires.

| Model | TK-1 |
|----------------------------|--|
| Applicable tubing material | Nylon, Soft nylon, Polyurethane, and other soft plastic tubing |
| Applicable tubing O.D. | 13 mm or less |
| Weight | 140 g |

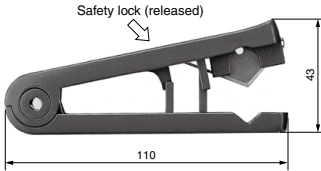
Tube Cutter: TK-2
Possible to cut a tube up to 18 mm.



(Note) Do not use it to cut the metallic materials such as electric wires.

| Model | TK-2 |
|----------------------------|--|
| Applicable tubing material | Nylon, Soft nylon, Polyurethane, and other soft plastic tubing |
| Applicable tubing O.D. | 18 mm or less |
| Weight | 140 g |

Tube Cutter: TK-3 (Useful type)
Safety lock contained



(Note) Do not use it to cut the metallic materials such as electric wires.

| Model | TK-3 |
|----------------------------|--|
| Applicable tubing material | Nylon, Soft nylon, Polyurethane, and other soft plastic tubing |
| Applicable tubing O.D. | 12 mm or less |
| Weight | 32 g |

KQ2

KQB2

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQG2

KG

KFG2

MS

KKA

KP

LQ

MQR

T

Tube Cutter

RoHS

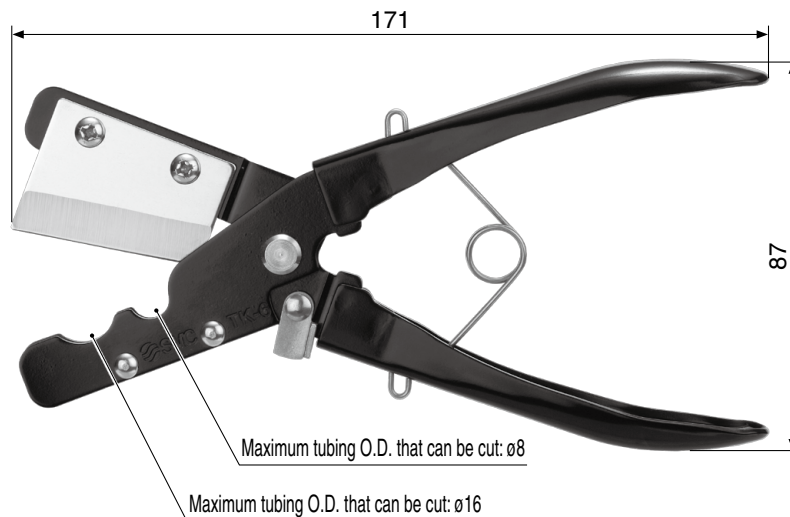
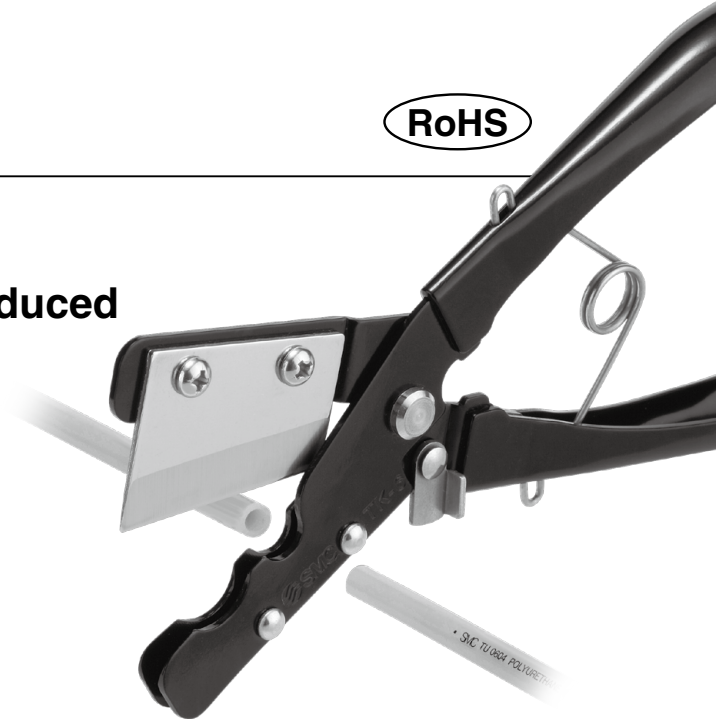
■ Perpendicular cutting

Air leakage due to cutting failure reduced

■ Blade is replaceable

■ Safety lock contained

| Model | TK-6 |
|-------------------------------------|--|
| Applicable tubing material | Nylon, Soft nylon, Polyurethane, and other soft plastic tubing |
| Maximum tubing O.D. that can be cut | 16 mm or less |
| Weight | 130 g |
| Replacement blade part no. | TK6KAEHA (5 replacement blades + 2 mounting screws) |



⚠ Precautions

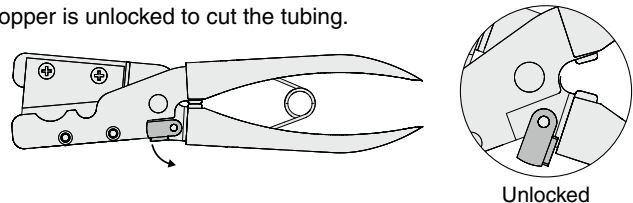
Be sure to read before handling.
For Safety Instructions and Fittings and
Tubing Precautions, refer to "Handling
Precautions for SMC Products" on SMC
website, <http://www.smcworld.com>

⚠ Caution

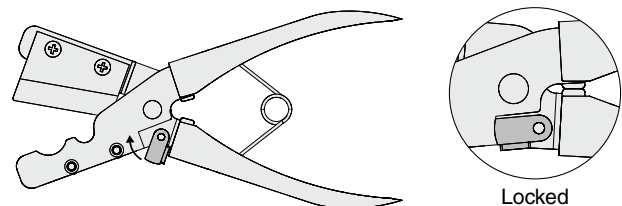
1. This is a resin tube cutter. Do not use this for cutting electric wires, etc.
2. Do not apply lateral load to the blade to prevent damage.
Do not use it with the blade damaged.
3. Never touch the blade in order to prevent injury.
4. Lock the tube cutter with the stopper to avoid exposure of the blade when not using it.

How to Use

The stopper is unlocked to cut the tubing.



Ensure that the stopper is locked so that the blade is not exposed after using it to prevent injury.



Replacement blade is available. (Part no.: TK6KAEHA)

TK-6

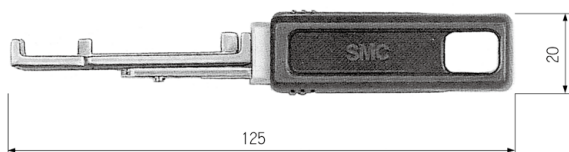
SMC

13-E609 A

Related Products: Tube Releasing Tool *Series TG*

RoHS

- It is possible to detach the tube from the one-touch fitting one-handed.
- Suitable for use in small spaces where it is difficult to get your hands in.
- One tool is compatible with two different tubing sizes. (Refer to "Size change" below.)



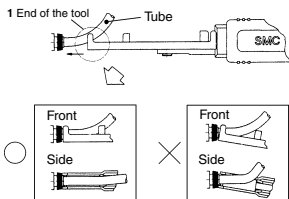
| Model | Applicable tubing size | | Applicable tubing material | Color | Weight |
|-------|------------------------|--------------|-----------------------------------|-------|--------|
| TG-1 | Metric size | ø4, ø6 | Nylon, Soft nylon Polyurethane | Blue | 33 g |
| TG-2 | Inch size | ø1/8", ø1/4" | | Red | |

How to Use

⚠ Caution

Process

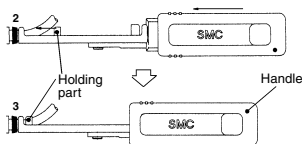
1. Tool edge should be pushed straightforward into the edge of the release button along with the tube in the axial fitting direction.



2. After inserting, grasp the handle tightly and insert the end of the tubing to the stroke end.

[Note] Insert firmly to the guard against an accidental tube release.

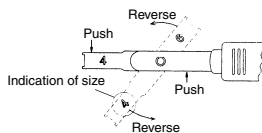
3. After inserting end of tube, relax your grip on the tool. Returning force of spring releases the tube.



Size change

Push both sides at once to release. Reverse and fix at the same position as before.

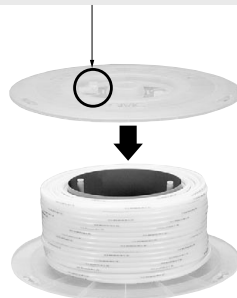
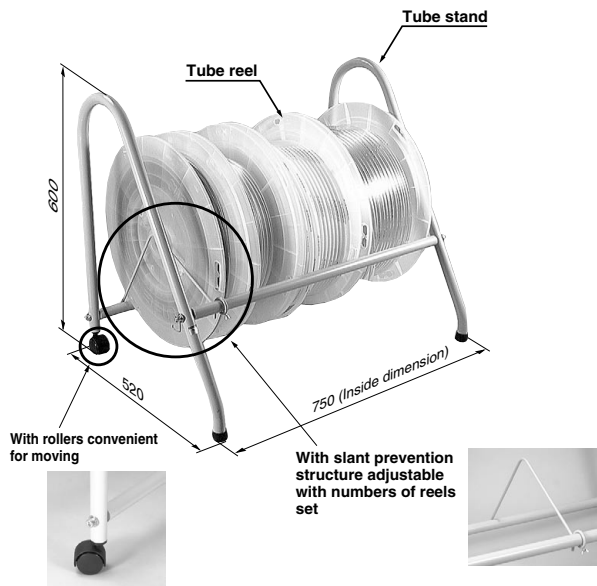
Applicable tube size is indicated on the back side.



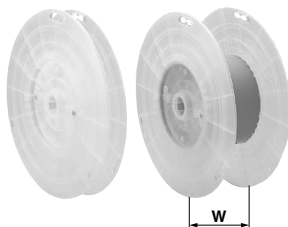
Related Products: Tube Stand & Tube Reel Series *TB/TBR*

RoHS

- Compact size without taking up space
- Easy installment just by putting tube reel
- Allows easy refilling and replacing tubes.



Tube Reel: TBR-1/2/3/4



| Applicable tubing size (mm) | Model | W |
|-----------------------------|-------|-----|
| 4, 6 | TBR-1 | 110 |
| 8 | TBR-2 | 140 |
| 10 | TBR-3 | 190 |
| 12 | TBR-4 | 240 |

Tube Stand: TB-2



KQ2

KQB2

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQG2

KG

KFG2

MS

KKA

KP

LQ

MQR

T