

Glass Tube CUTTERS

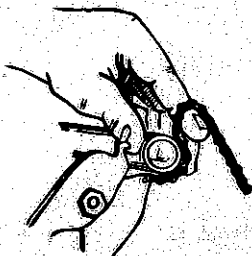
Recommended Cutting Procedures:

Model 69012

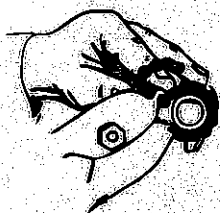
1. Grasp the tubing as shown.



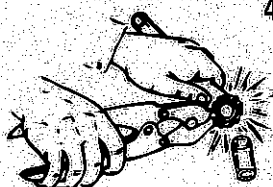
2. Holding the cutter in the opposite hand with the handles in the open position, guide the cutter chain around the tubing at the point where the cut is to be made.



3. Engage the appropriate chain pin in the upper hooked jaw, so that the two cutter wheels at the jaw opening are in the closest proximity – WITHOUT TOUCHING.



4. Grasp the tubing firmly and apply a twisting force to it while squeezing the cutter handles together quickly with the other hand. This quick motion is more effective than a gradual increase in pressure on the handles.



Reminder: If the piece you snap off is the one intended for use, be certain it drops on a surface which will not cause it to break.

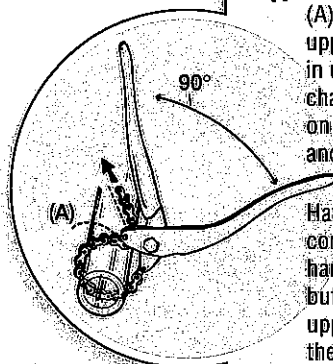
VERSATILE The same tool may be used on a variety of brittle tubular materials including gauge glass (all types), laboratory glass, neon sign glass, oil burner electrodes, porcelain insulators, thermocouple protection tubes and more.

ACCURATE Cutter chain is wrapped around the tubing right at the point where cut is to be made. Any length from 1/2" or longer may be cut.

RUGGED All-steel construction for strength and durability.

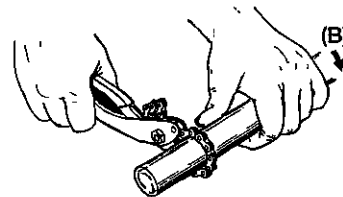
Models 79014 & 79022

1. Open glass cutter handles to approximately 90° (A). Loop chain around glass and pull through upper jaw. Close handles enough to lock chain in upper jaw, but not to make the cut, and slide chain to exact cutting location. (Tip: depending on the job situation, chain can be pre-looped and inserted in upper jaw before sliding over the end of the tube to be cut).



Have as many cutting wheels as possible contacting the tubing. Check this by closing the handles until the chain is gripping the tubing but not cutting it. Pull one more link through the upper jaw if there is enough clearance between the handles to accomplish the cut. Note: it will be necessary to reopen the handles to the 90° position (step 1) for each chain adjustment.

2. Grasp the tubing firmly and give it a slight rotational movement (B) as you squeeze the cutter handles to tighten the cutter chain.



3. On heavy walled glass tubing, it may be necessary to pre-score the cut by rotating the cutter around the tube, rocking it back and forth several times prior to the application of normal cutting pressure.

Follow the "how-to" instructions above for cutting porcelain or other similar ceramic or refractory materials.

Alternative Cutting Method



First score the tubing at the desired location. Only about 1/4" to 1/2" travel of the cutter chain is required. Moisten the score mark slightly. Grasp the tubing as shown and with the thumbs set firmly behind and on either side of the score mark, snap the tubing cleanly apart.



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