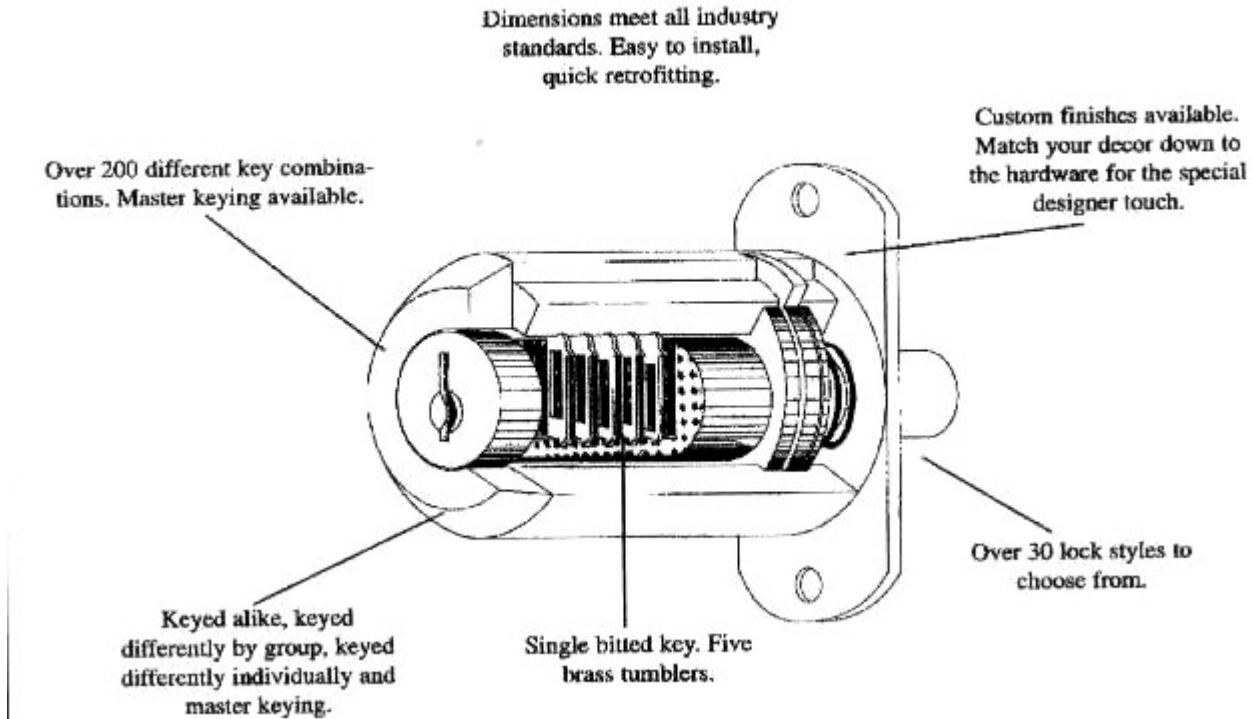# Kenstan Tubular Glass Case Lock

The Kenstan Tubular Lock (KeyMatic Style) has some very neat features and some nasty surprises too.

Dimensions meet all industry standards. Easy to install, quick retrofitting.

Custom finishes available. Match your decor down to the hardware for the special designer touch.

Over 200 different key combinations. Master keying available.

Over 30 lock styles to choose from.

Keyed alike, keyed differently by group, keyed differently individually and master keying.

Single bitted key. Five brass tumblers.

This lock pushes in and turns to lock it is a key retaining lock (that is where most of the trouble begins, the clerks have a big key-ring full of keys and they leave it hanging in the door while serving a customer) The tab on the outside of the lock gets a little worn and then can be pried out of the lock with little effort, then they cannot insert the key to relock the case.

To service the lock remove the screw on the side, this screw keeps the tailpiece aligned and retains the cylinder in the casing.

Next remove the Allen screw from the tailpiece crossbar and remove the crossbar notice the grooves on both sides of the tailpiece.

Remove the cylinder from the case there is a heavy spring (helps to pop out the cylinder when it is unlocked)

 Remove the retaining pin (this is hardened steel)

Pin removed (part on thumbnail is the remainder of the pin)

Outer shell removed, notice the numbering on the face of the shell

Lock with defective pin hanging from upper sleeve

Top pins and spring case notice "7" pins this is an "8" pin lock there is 1 "dead-pin" that rotates as the lock is changed with the Change-a-Matic key.

Center shaft and upper-sleeve; notice the spline cut in the shaft. Service the lock (Rekey or reset to the original key).
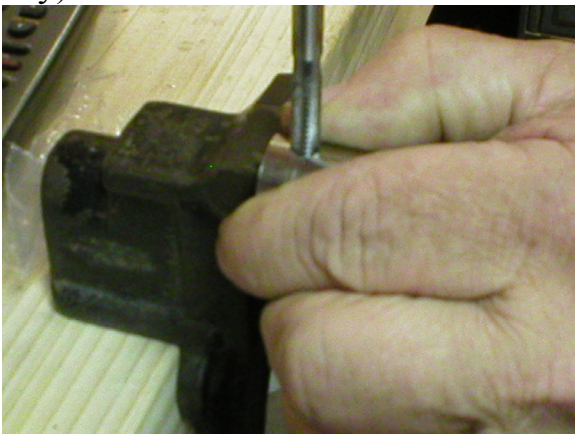
Repairing the lock tapping the hole to accept a setscrew (modified)

Modified set screw

Repaired Kenstan Glass Case Lock

Instructions for resetting lock:
The KeyMatic family of locks offers several different keying plans. You can choose keyed alike and keyed different.

The KeyMatic keying system is set up by "coded" sets of key combinations. For example: a 166 "coded lock" allows eight different XX166 silver operating keys to open the lock. Only one of the eight available keys operating keys can open the lock at any given time. There isn't any outward indication of the current setting of the KeyMatic lock. The setting of the lock is known only by the gold change key holder/user.

Changing the lock to a new setting (example from xx166-2 to xx166-3) is easily accomplished using our GOLD colored change key. The change key has no external tip or internal rib like the operating key. This allows the change key to point to any of the numbers one through 8 on the lock face before insertion. To change operating key access from a #2 to a #3, simply point to the #2 on the lock face and insert the gold change key. Turn the key one "click" clockwise and withdraw the key when pointed at the #3 on the lock face. You can "click" from any setting to any other setting. NOTE the gold change key is not a master key in the classical sense; it will change the lock to accept a different key; it will not open the lock.

For identification by the end user, the operating keys are stamped XX166-1….8, while locks and Gold Change key are stamped XX166 only. The "X" represents a two-letter date code to identify the month and year of manufacture.

Kenstan Lock
101 Commercial Street
Plainview, NY 11803
Ph# 516-576-9090
Fax 516-576-0100

Kenstan@kenstan.com
www.kenstan.com