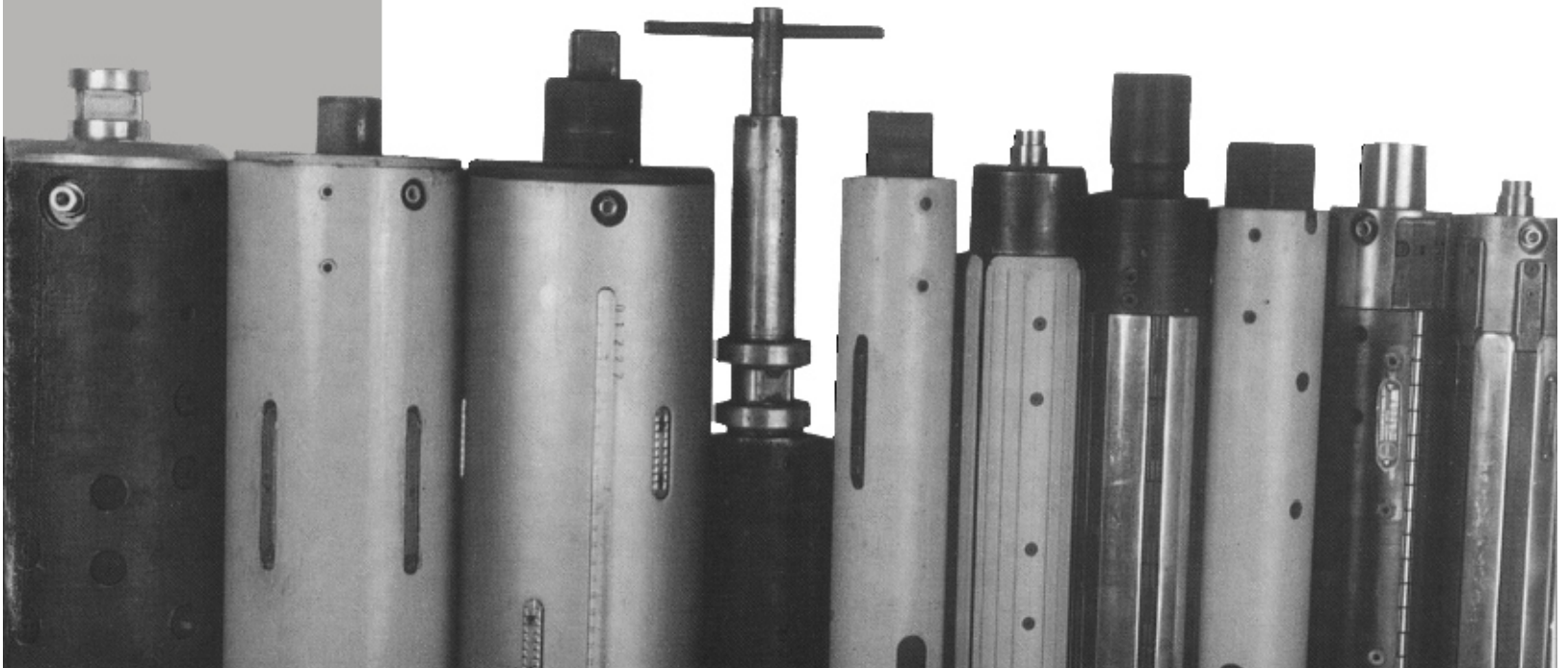


HANDLING & MAINTENANCE GUIDE





PART-4

QUICK LOCK OPERATING INSTRUCTIONS:

Quick lock is a specialty product designed for Differential winding. It is mainly used on Rewind side of Slitter to reduce the loading/unloading time. Today, all the slitters are updating their rewinding method to get the best efficiency.

As such quick lock operation is very simple, one has to slide the core on it and rotate it in either direction. On rotation, serrated lugs will expand and hold the core. After the winding, just rotate it in opposite direction and unlock it.

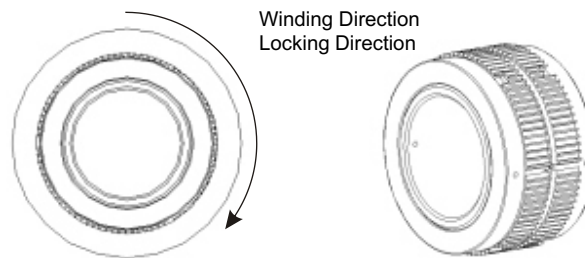


Figure 1: Quick Lock Core Locking in Opposite direction as Winding.

In simple words, quick lock mounting is more or less just replacing the stepped Core Holders. Rest of the arrangement could be just same as earlier arrangements. The basic change is to reduce the OD of each of the spacer less than 74 mm. The figure 2 mentions the normal way of locking core. The quick locks are available in two sizes, one 45mm wide and 102 mm. On 45mm wide quick lock, one could slit from 25 mm to 60 mm. On the bigger quick locks, one could slit from 55mm to 125 mm.

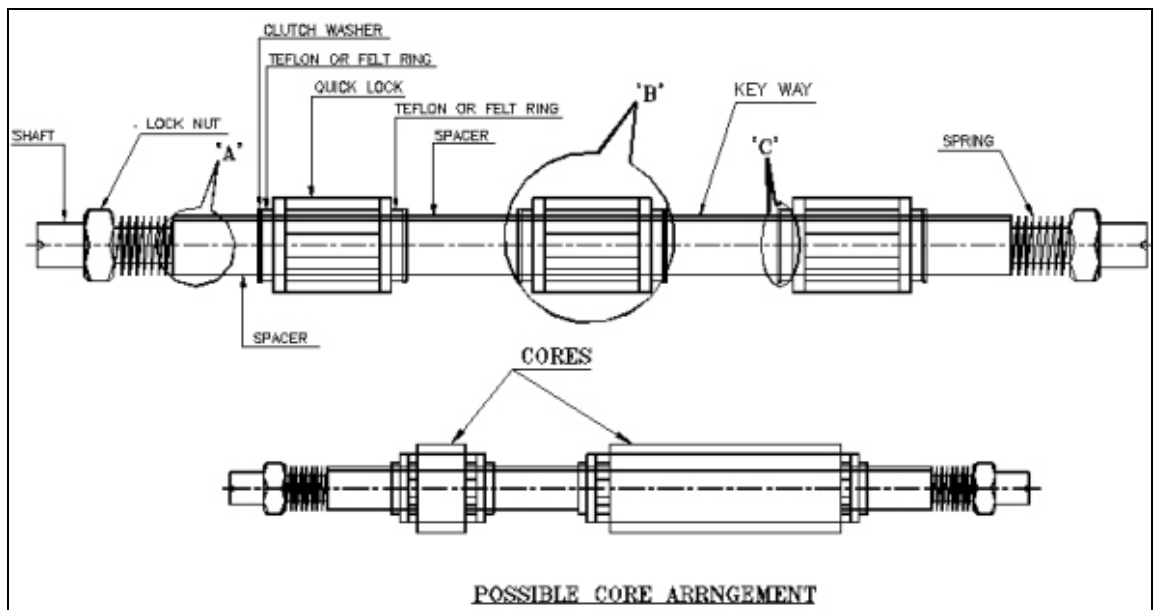


Figure 2: Core Locking Arrangement on Winding Shaft (The Material and Procedure would vary from Customer to Customer.)

**QUICK LOCK OPERATING INSTRUCTIONS:**

In general, quick lock requires no maintenance. Sometimes, operator finds the quick lock getting jammed. This happens due to paper boards dust getting into quick locks. So, use good quality and correct size core for slitting.

In case of jamming, expand the quick lock by hand and apply High pressure air in the quick lock and pull out the dust with Forceps or pliers. Then apply some silicon spray on to Phosphors Bronze busing in the center for oil free lubrication purpose. You may need to replace springs after some time.

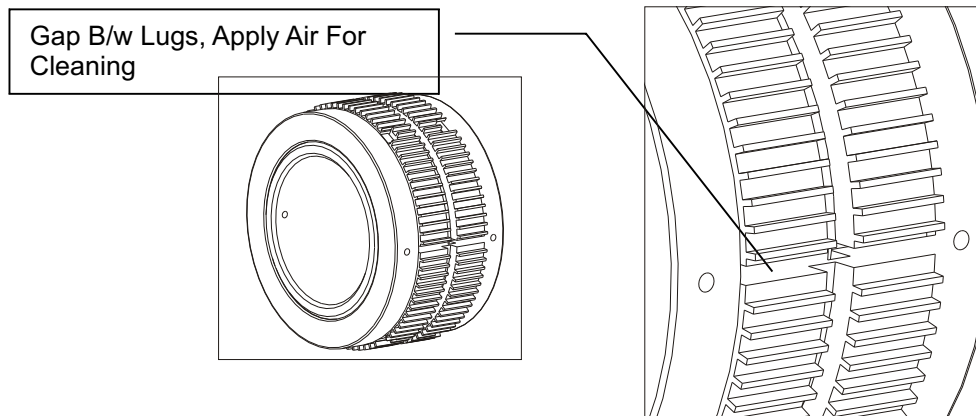


Figure 3: Maintenance of Quick Lock

Shaft No.: _____
Used On: _____
Resource Drawing No.: _____
Manufacturing Date: _____
Notes: _____



For Ordering Any Material or Any problem, contact us at

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