

# Kolbus Adjustable 94

## Installation Instructions

To fit 30m shafts with 94mm outer diameter creasing collars

KM 410C, KM 412, KM 473 & KM 600

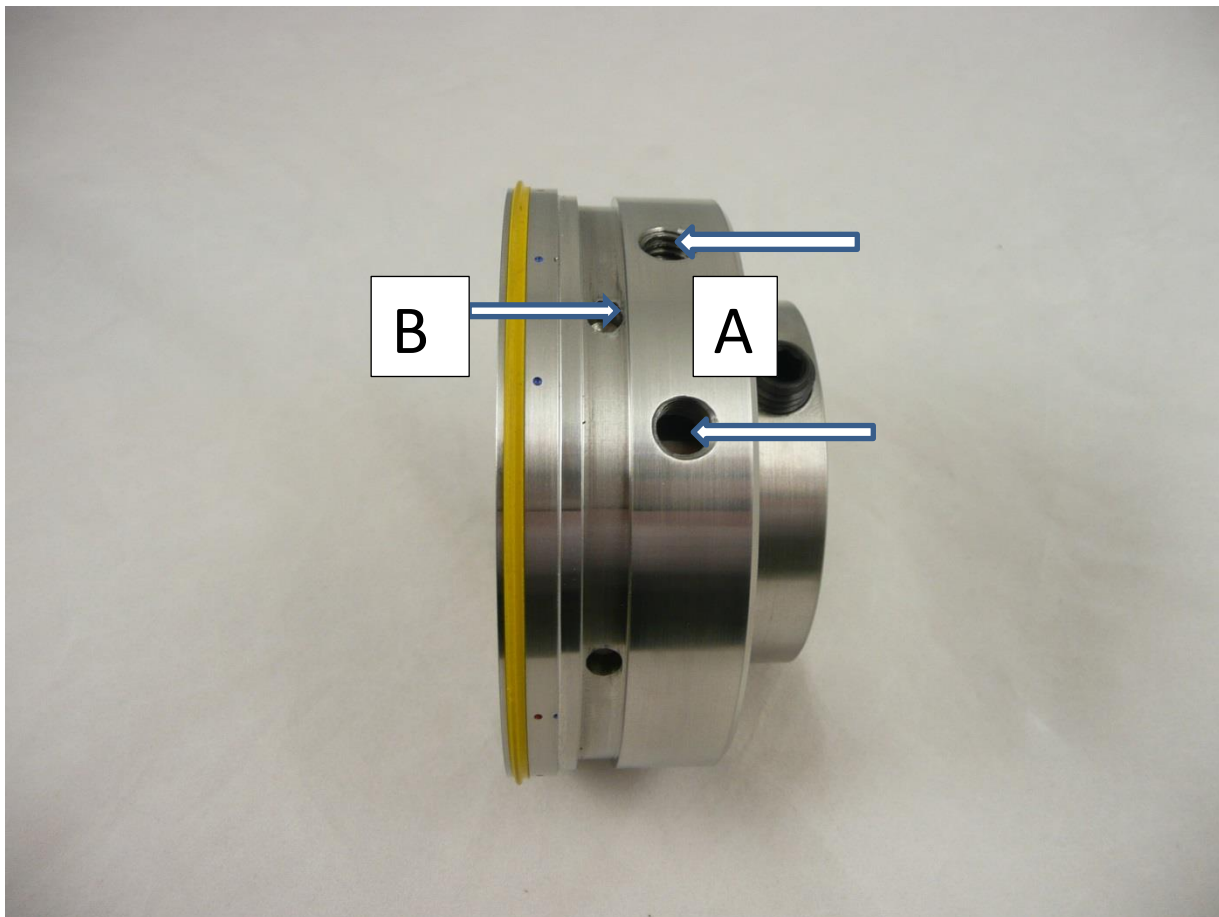


All 8 x creasing units are identical and they can be either used to hold the male crease rib by using the shaft fixing screws or converted into a multi width female channel using the bearings located in the centre of the crease unit. ( NO fixing to the shafts required)

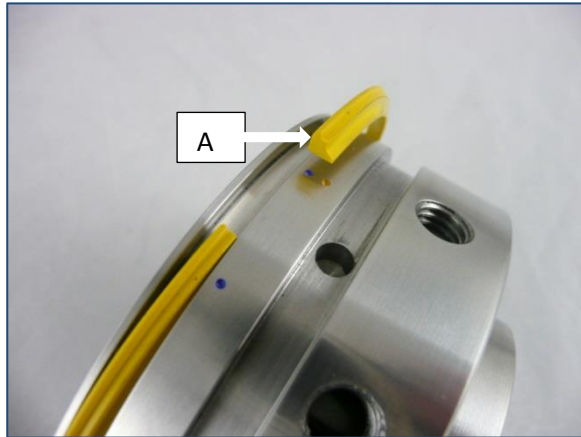
4 x units have been preloaded with the yellow creasing rib and the remaining 4 x have the female width aligned with the white dot and 1 dot yellow channel width indicator.



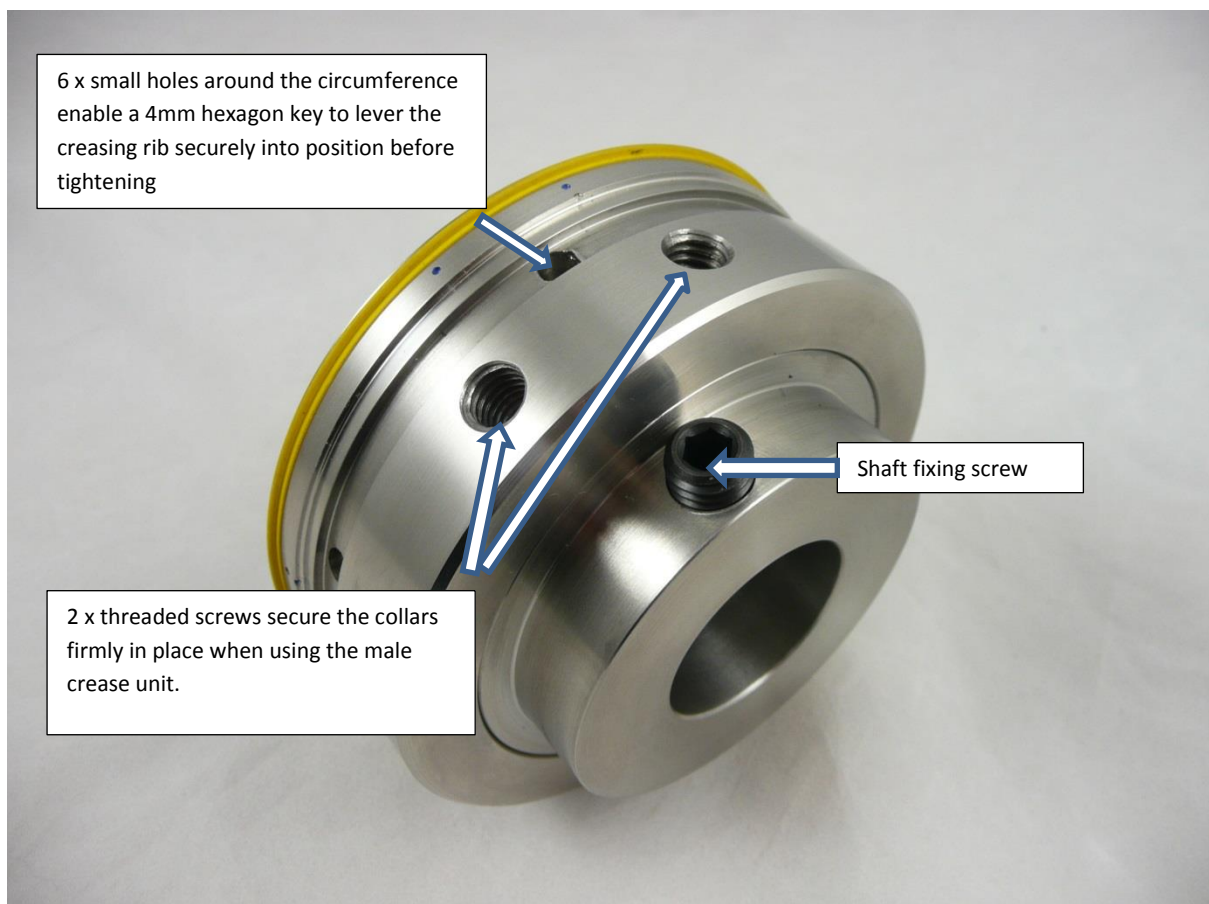
To remove the creasing rib, loosen the fixing screw (A ) using No 4 mm hexagon key. Using the same key place into any one of the 6 holes located in the centre of the crease unit ( B), unscrew the unit until the creasing rib can be removed easily.



Close up of the creasing ribs profile being removed from the tool and being reinstalled



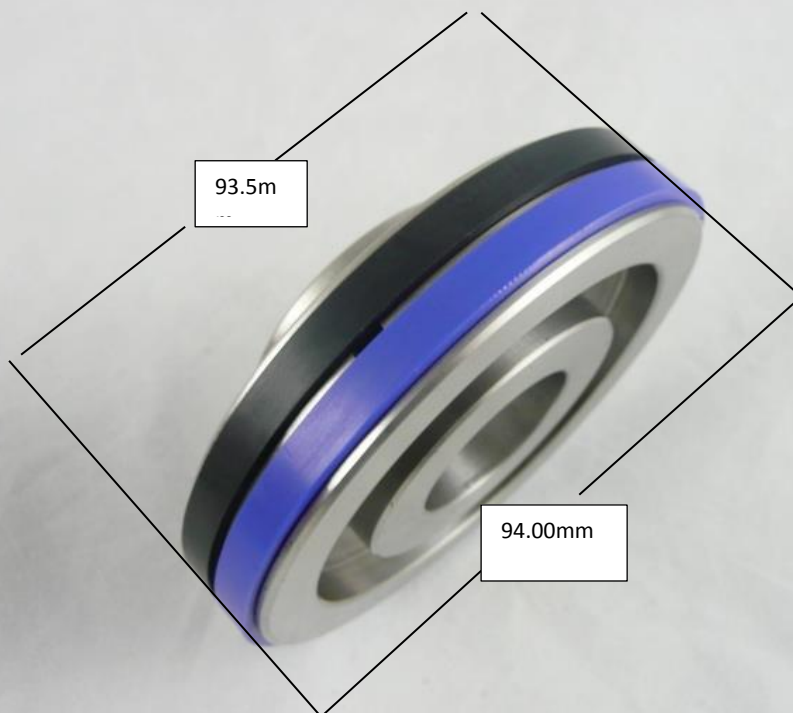
Place the flat side of the creasing rib ( A ) against the flat metal outside wall. The bevelled section of the creasing rib will automatically drop inside the retaining screw collar and the 2 open ends will close together when retightened.



To open the channel width, rotate the collar and align the yellow, blue or orange dots with the white dot marker located on the side.



The female unit below will **NOT** require tightening to the shaft as it uses self-aligning bearings to centralize the crease position



93.5m

94.00mm



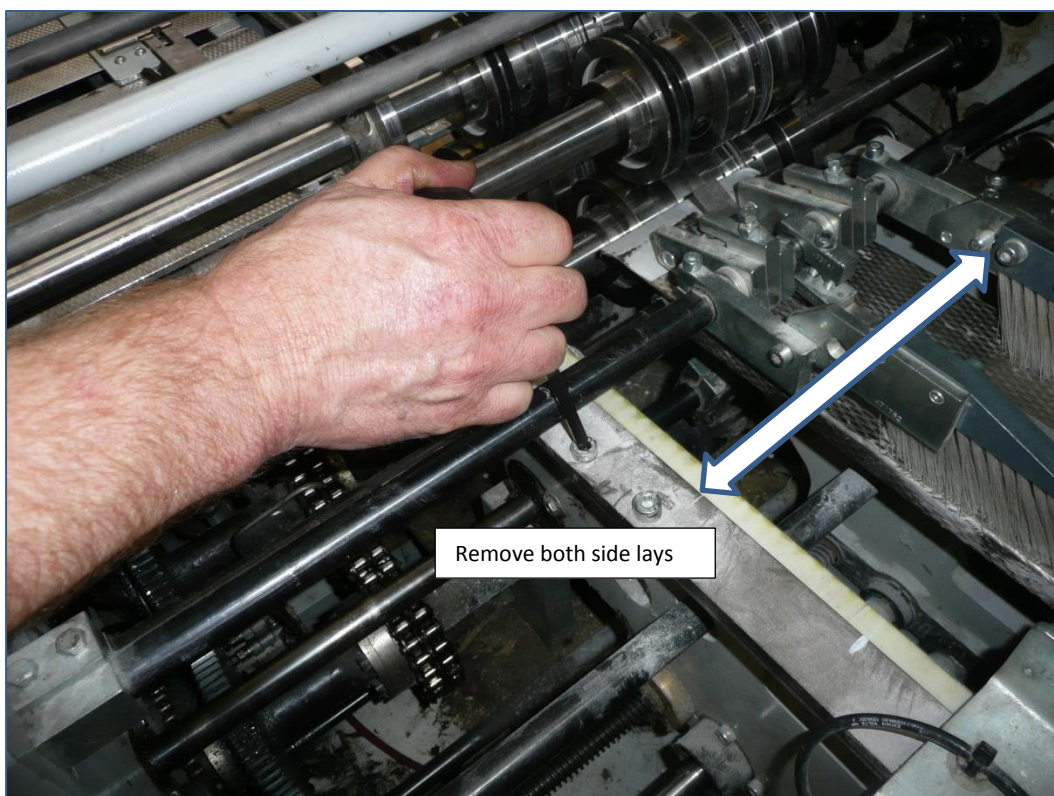
Both the coloured gripper bands use a different amount of grip.

Under normal running conditions please use the **blue** rubber gripper.

If the cover has a flap already folded inside please use the black gripper band only



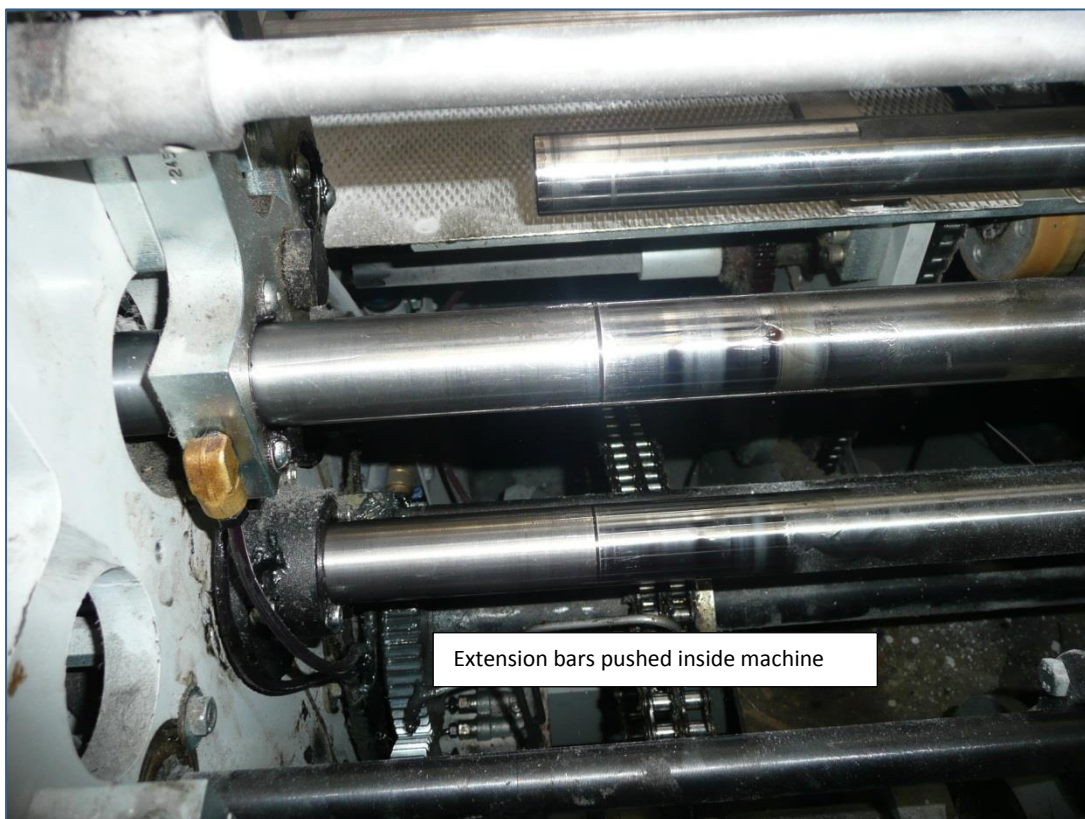
## Helpful Installation Photos







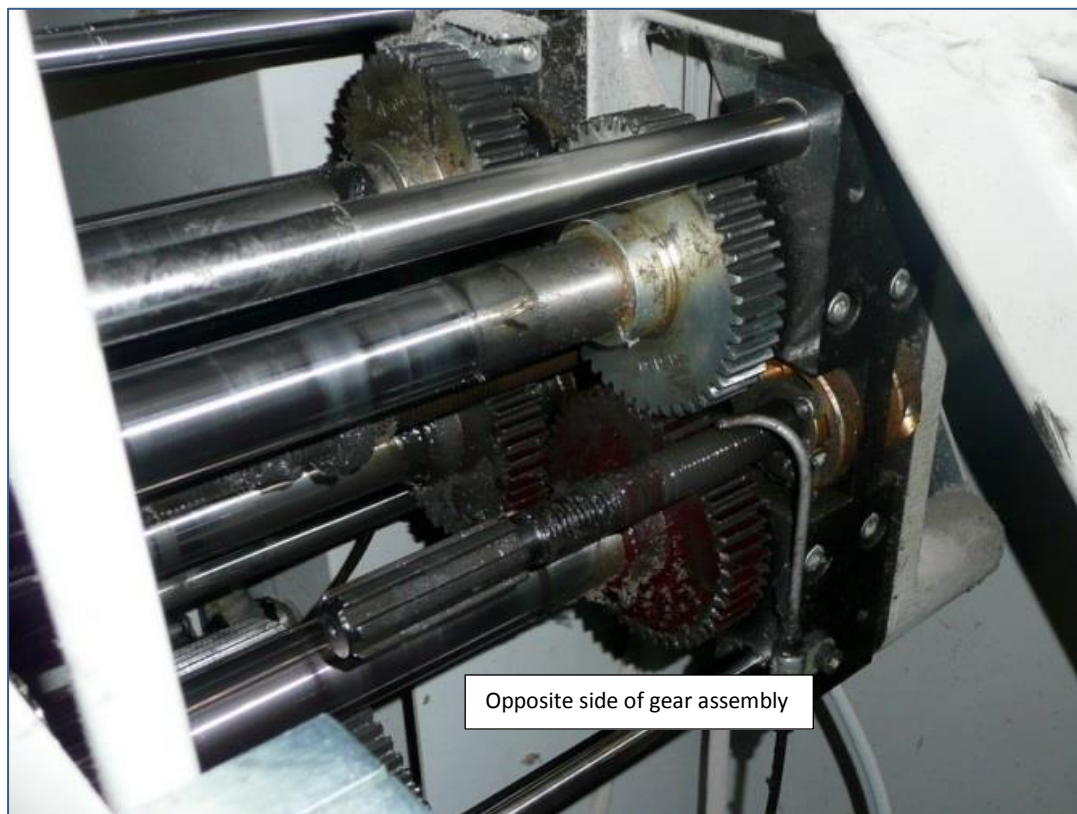
Attach 4 x extension shaft bars  
and push inside machine



Extension bars pushed inside machine



Creasing shaft gear assembly being pushed open

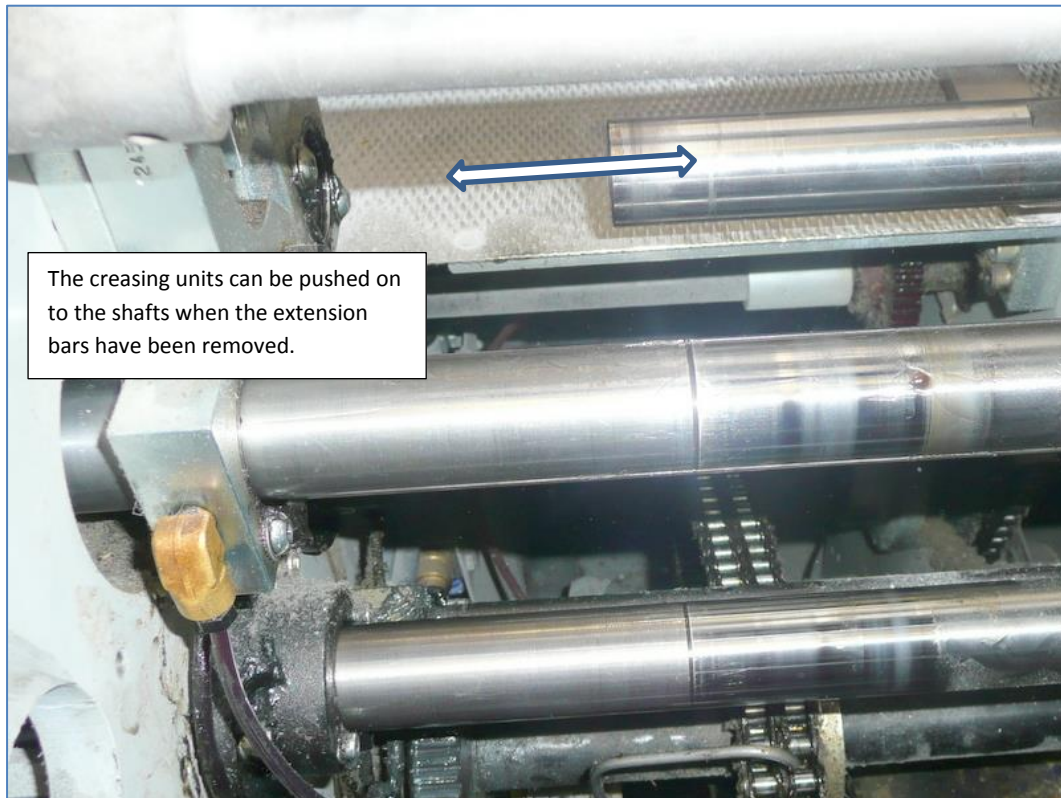


Opposite side of gear assembly



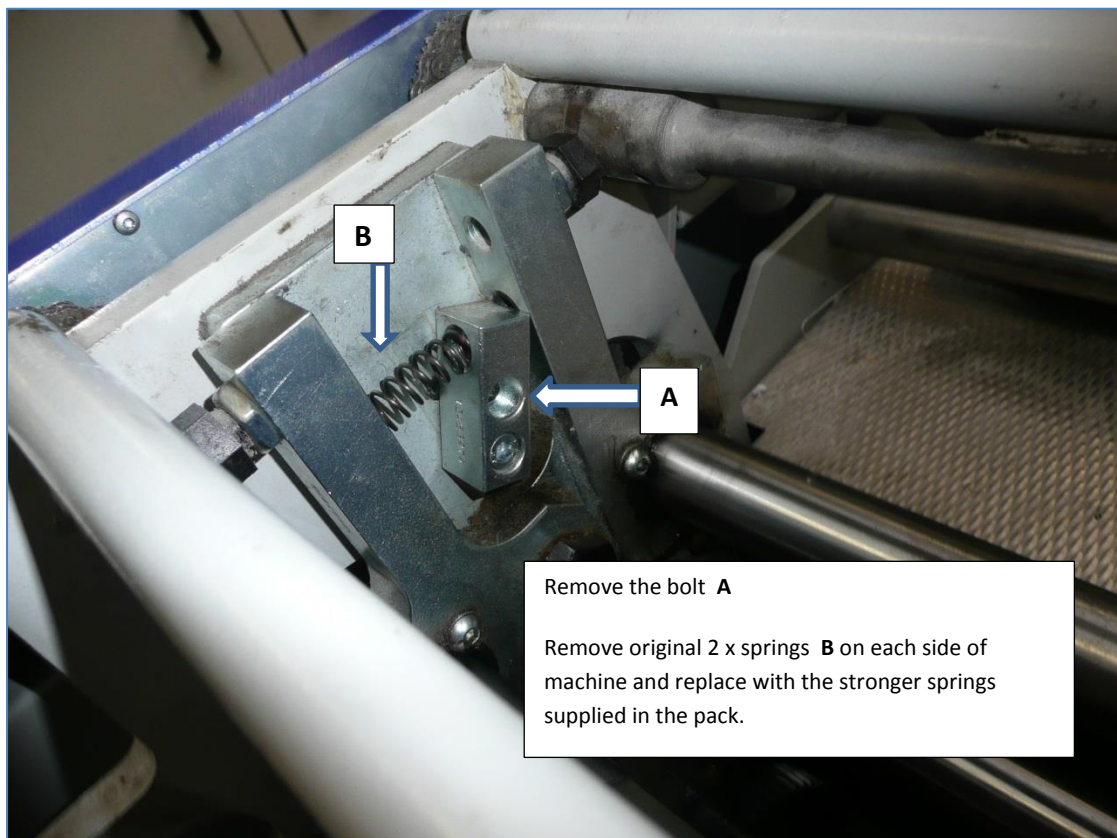
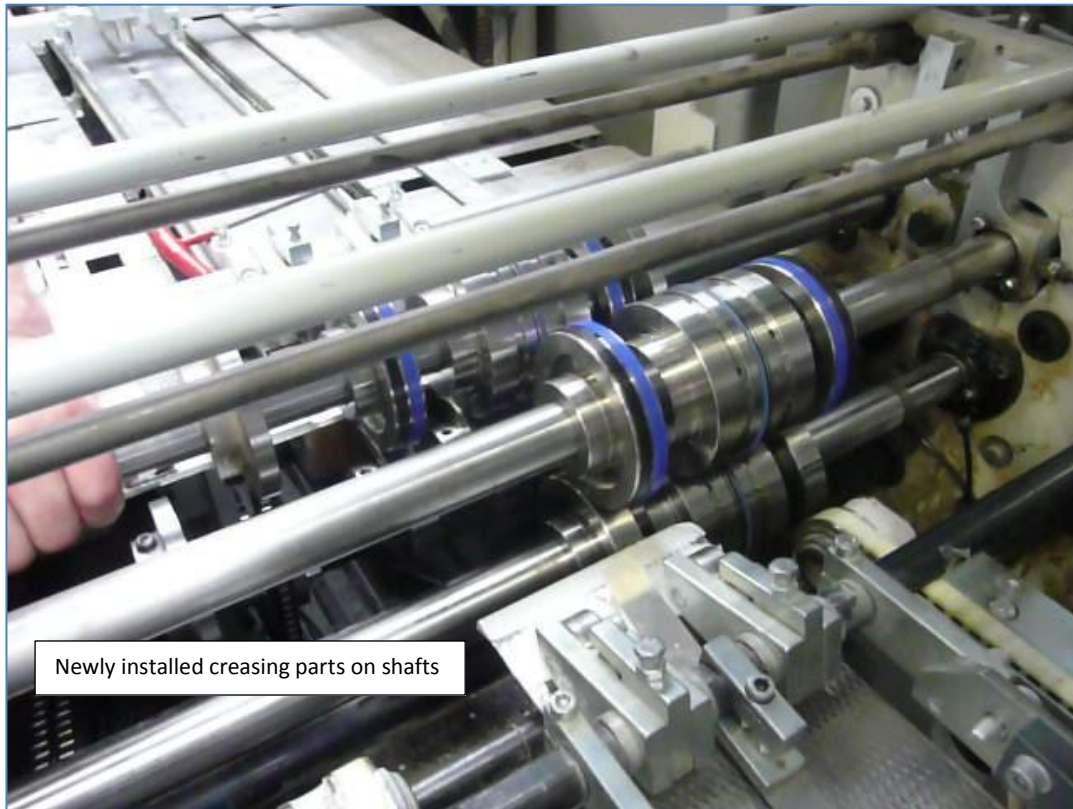


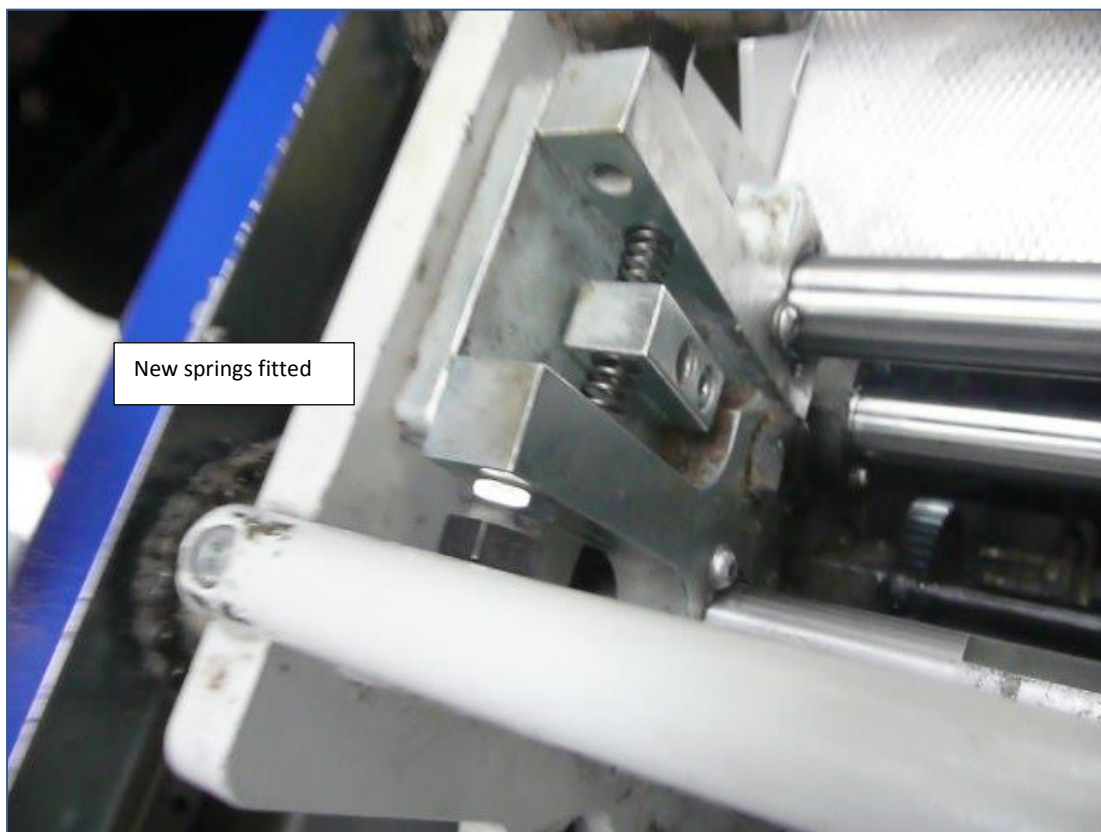
Side view of gear assembly



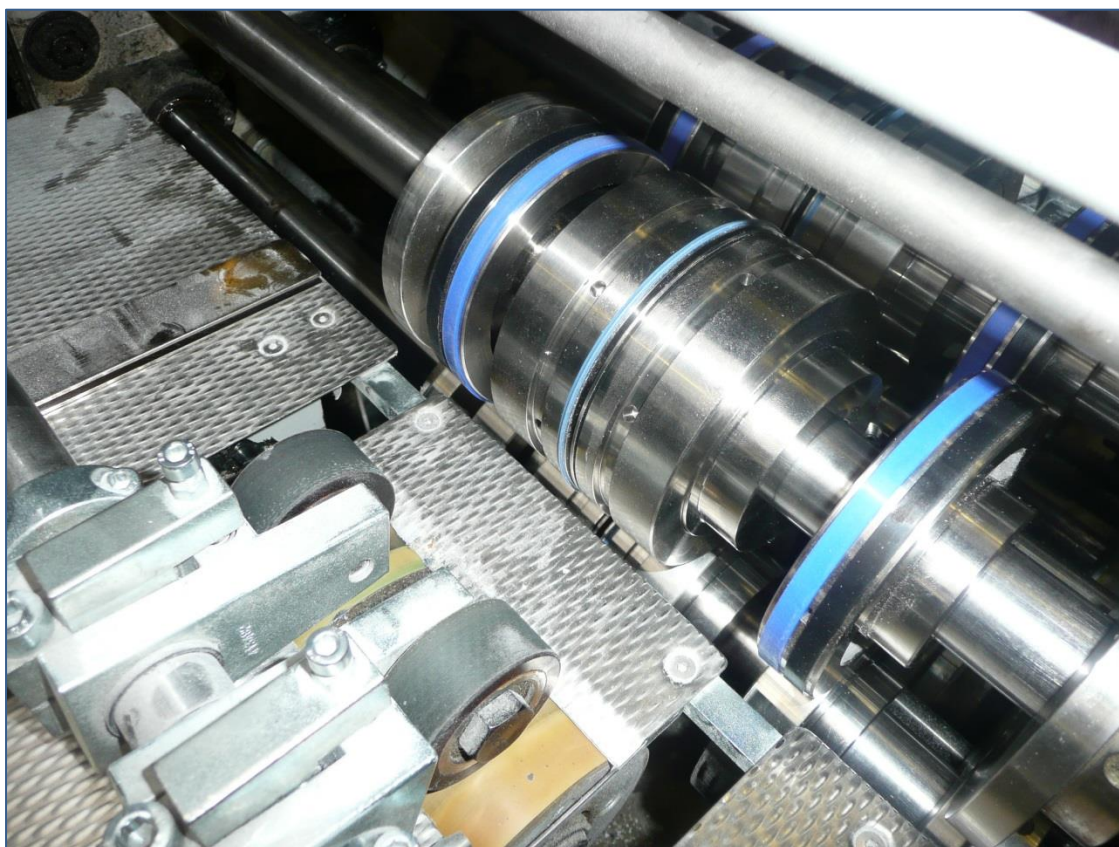
The creasing units can be pushed on to the shafts when the extension bars have been removed.











## Creasing Rib Selection Chart

**4x Orange Gripper Crease (M-128):**  
split creasing ribs (light stocks)

**4x Blue Gripper Crease (M-129):**  
split creasing ribs (medium stocks)

**4x Yellow Gripper Crease (M-130):**  
split creasing ribs (heavy stocks)

### Support Collars Gripper Bands

**4 x Black Grippers M-88**

**4 x Blue Grippers M-88**

**Black Nylon Crease Ribs**  
**QC-KB-94-Y (Yellow dot)**  
4 x covers or heavy laminated  
stocks 300-350gsm

### Optional Nylon Crease Ribs;

**Black Nylon Crease Ribs**  
**QC-KB-94**  
creasing covers 250-300gsm with  
laminated covers

**Black Nylon Crease Ribs**  
**QC-KB-94-W (White dot)**  
covers or heavy laminated stocks  
330 -350gsm

# Setting procedure

Align the spine creasing rib with the edge of the book clamp and tighten the crease unit to the shaft.

Gently lift the top crease units so they do not damage the rubber rib tips when they are being positioned. Slowly lower the top crease units, making sure the top shaft creasing ribs are guided into the female channels located on the bottom shaft.

## **DO NOT TIGHTEN THE TOP CREASE UNITS**

Run a sheet of cover stock slowly through the machine. As the cover travels through the crease units the female channels automatically centralise to the optimum creasing position.

Align the top blue gripper support collar and bottom all metal support collars together. Place a sheet of 100gsm paper between the support collars and slowly lower the top shaft down until an equal light grip is achieved at both sides of the shaft.

## The machine is now ready to run