

# INTRODUCTION & PACKAGE CONTENTS

The fully adjustable Spine & Hinge Creaser has been specially designed so that it can easily produce any Spine & Hinge width. This unique device includes 8 basic components, each one is reversible meaning that it can be used as a male or female. The idea is to allow a quick change over from one crease setting to another, no matter which side of the sheet has to be creased.



## Package Contents

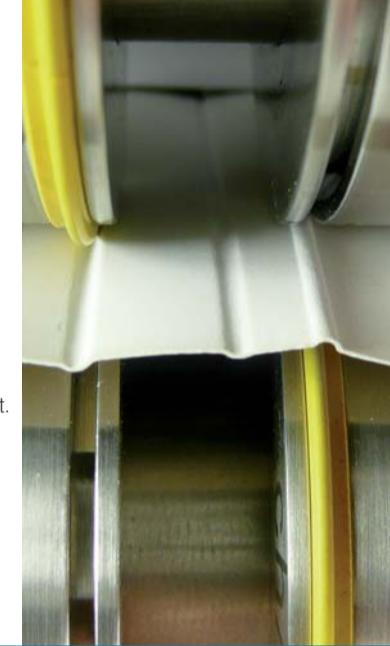
- 4 x Support Collars
- 8 x Reversible Collars (Male & Female)
- 8 x M – 91 Yellow split creasing ribs
- 8 x M – 92 Blue split creasing ribs
- 8 x M – 93 Orange split creasing ribs

## SETTING PROCEDURE

1. Select 4 males with the same coloured creasing rib. (Please refer to the creasing guide)
2. Rotate and lock the adjustable female collar with the corresponding creasing rib colour.
3. Position all 8 components on the creasing shafts and lock the bottom components in to position. The top components should remain loose on the shaft, with the creasing rib freely riding in the female which keeps them in the correct channel position.
4. Jog a sheet of the desired cover stock through the Spine & Hinge Creaser for 1 or 2 revolutions .This centralises the creasing rib into the optimum creasing position.
5. With the sheet still gripped by the Spine & Hinge Creaser, components tighten the hexagon fixing screws onto the top shaft.
6. Run a sheet through and check the position and quality of the creases. Adjust male & female channel as required.

### Important

When changing the female channel width, the component must be re-centred as above. Failure to do this will result in a poor quality crease and unnecessary wear to the creasing rib.



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## Crease Style Sample Guide

These settings are a general guide and can be used as a starting point.



85 – 150gsm



120 – 170gsm



170 – 250gsm



230 – 270gsm



250 – 350gsm

# Special top support gripper collars

The top support collars are made to compliment the creasing components. Place the special gripper collars at each side of the creasing components. Align the original bottom metal support collars directly underneath the top collars. The 2 black grippers are renewable so a good grip should always be achieved.



## How to adjust male alignment

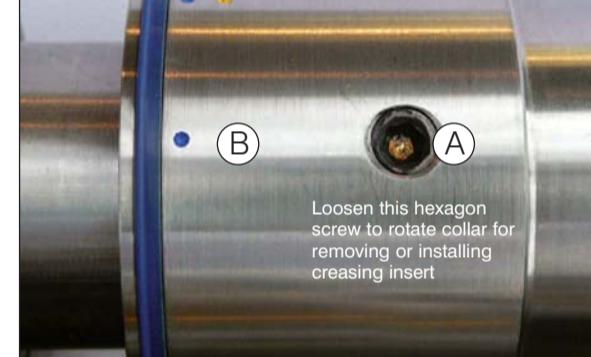
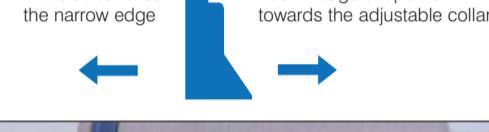
Loosen the 3mm hexagon screw (A) and unscrew the adjustable component (B) as far as the screw thread will allow.



## Fitting & locking up the creasing rib

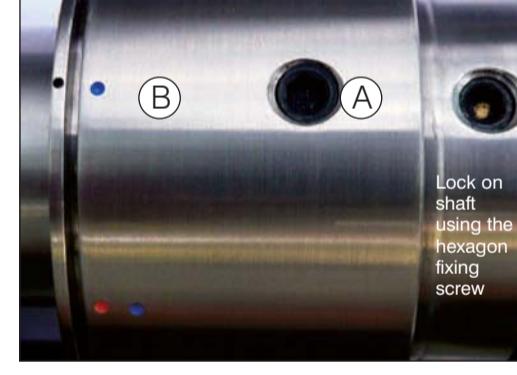
Choose the same coloured creasing rib as the female dot coded setting. Be sure that the flat side is facing the narrow edge and the adjustable collar is facing the wedge shape on the rib. The unique clamping design ensures the split ends of the creasing rib will not separate during production. Once the rib is located into position re-tighten the screw (B) until the rib is locked in and then tighten hexagon screw (A).

### Cross section of creasing rib



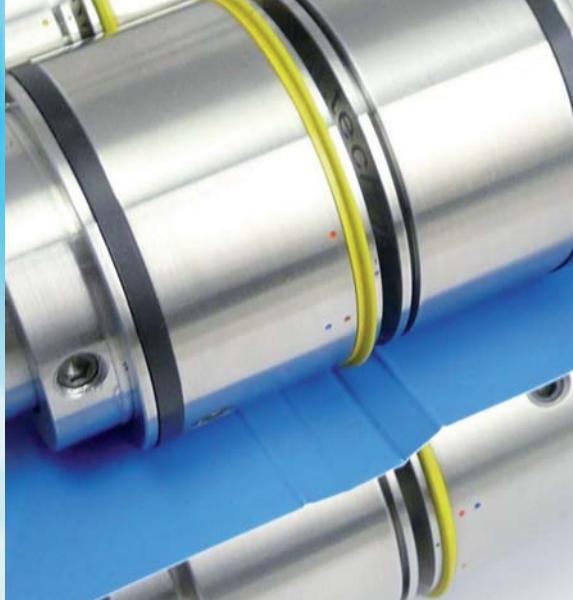
## How to adjust female alignment

Loosen the 3mm hexagon screw (A) and unscrew the adjustable collar (B). Adjusting this collar will determine the final width of crease. For example using the black dot as a reference point, set to the blue dot width as illustrated. The blue dot setting is recommended for medium weight covers (see creasing guide). To widen the channel rotate collar (B) and align the yellow and black dot. To narrow the channel rotate the collar and align the orange and black dot. After choosing the correct width tighten hexagon screw (A).



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**Spine & Hinge Creaser SC-MU/ADJ-FP-01 Instruction Guide**

To Fit 4 Shaft Muller Martini Perfect Binding Machines



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