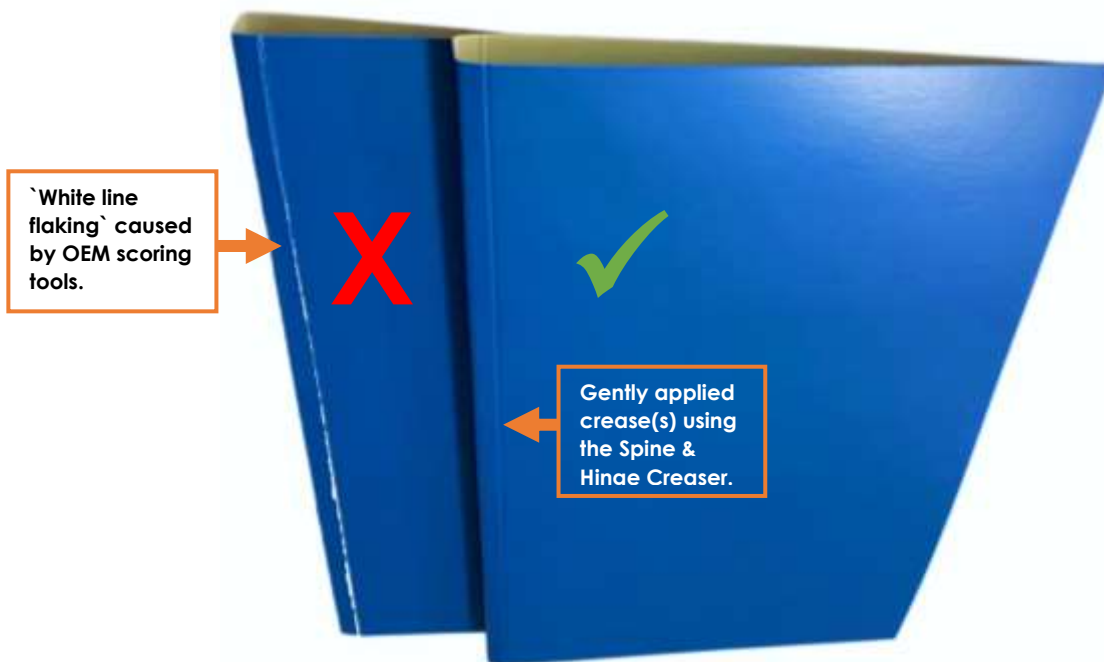


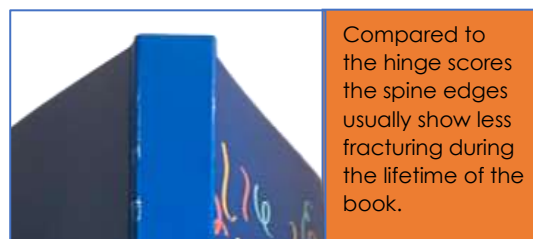
### *In the world of Perfect Binding a book is often judged by its cover...*

It doesn't matter how beautiful the glossy cover design of your finished bound books may look, if those spines and hinges show any sign of cracking or flaking you can be sure as to where the eyes of your customer will be immediately drawn to.



The book cover on the left side of the image above may be a familiar sight if you produce high quality bound books printed using darker inks that are covered with laminate, toner, UV coating or any other type of varnish that is added for creative enhancement. The downside is that such 'protective' applications are more prone to fracturing as soon as your OEM supplied (set of four) scoring tools contact the surface of the cover, we call this '**white line flaking.**' This unsightly defect is typically evident along the front and back hinges of the book jacket and usually becomes more visible once the book is opened.

Because the cover only folds at a 90-degree angle around the spine edges of the book, there will be less stress applied to the stock fibres which should protect the spine area from fracturing even more during usage.



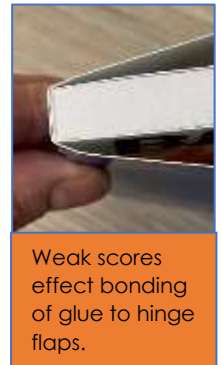
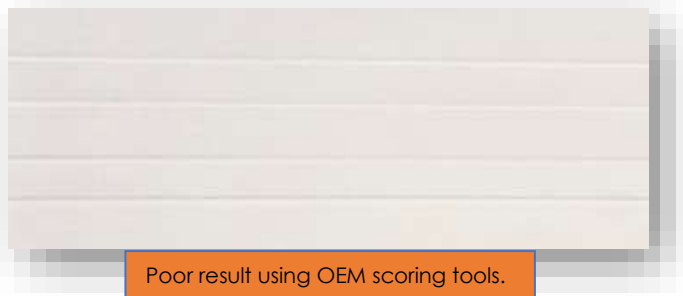
Achieving an aesthetically pleasing version of the book cover that remains undamaged once the finished bound book is opened and closed a few times is far from guaranteed when using OEM scoring devices. **Why...?**

...Unfortunately, OEM supplied scoring devices compound the problem of white line flaking for two reasons:

- 1) They are made of steel, which is a destructive material proven to break, rather than gently soften cover stock fibres including any type of coating laying on top.
- 2) They create small V-shape indentations that are too weak and narrow for the spine/hinge areas to fold cleanly.

**However, there is one other problem, and it is BIG...**

...Because the spine & hinge scores are usually too weak to fold cleanly the 6mm hinge flaps struggle to retain good glue contact with the front and back text pages when the finished book is opened, this causes undue stress to the spine edges.



Why risk a reprint when there is a solution that was designed to replace your destructive steel scoring tools (situated in the cover feeding section of your binding line) to solve these issues...?

Our highly acclaimed **Spine & Hinge Creaser** uses specially formulated rubber creasing ribs that **gently manipulate and stretch the fibres** in the cover material **so surface flaking is avoided**. The crease depth and width settings enable complete fold flexibility and will instantly eliminate the key problems that threaten to spoil the look and functionality of your high value finished books throughout their entire shelf lives.

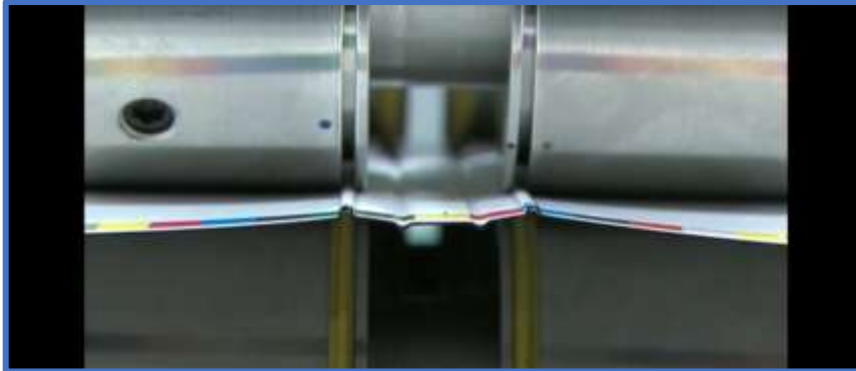


Stronger creases enable front & back cover to open on the hinge without effecting glue contact to 6mm flaps.

# Spine & Hinge Creaser



The Spine & Hinge Creaser will apply 2 upper (hinge) and 2 lower (spine) deep penetrating, matrix style creases that simply won't allow white line flaking to occur no matter how often the pages are opened and closed.



Matrix style creases **also** help to create the shape that forms perfectly around the spine & hinge areas.



The durable & patented colour-coded rubber creasing ribs we use are split so you can install them straight into the male & female hubs in your cover creasing unit, without having to take out the shafts.



Split creasing ribs.

The cover hinges will fold effortlessly meaning you will have full confidence that all your finished books will hold together better than before and look great.



**Easy back fold** of cover helps to enhance the user experience.



# Spine & Hinge Creaser



*On average the Spine & Hinge Creaser pays for itself within the first 4 months of purchase*

Most of our customers recoup what they paid for our Spine & Hinge Creaser within the initial 4-month period through avoiding the outsourcing of their covers, and then get to retain the full profit margins for the life span of the device for many years to come. The only cost is in periodically purchasing the specially formulated colour-coded rubber creasing ribs that load into the male & female locking collars. .

The clever design of the Spine & Hinge Creaser, due to the split creasing ribs allows a faster changeover of crease settings taking (in some cases) only a few minutes compared to hours when OEM versions are used. Indeed, downtime equates to lost production and revenue, it all adds up.

What price can you put on a book that is aesthetically pleasing with better bonding of glue that allows the front and back covers to open on the hinges?



Depending on the Spine & Hinge Creaser version you purchase you will have up to four crease settings to choose from for light, medium and heavy stock weights up to 400 gsm.

Once the male & female components engage you will be able to apply a choice of crease styles that instantly prevent flaking from happening on a full range of material weights. The good news is that **each colour-coded rubber creasing rib will produce up to 800,000 impressions before replacement is considered.**

Outsourcing your covers to be processed through a letterpress cylinder requires time consuming steps that may threaten delivery schedules and is an expensive and unnecessary procedure. We have several versions of the Spine & Hinge Creaser to fit into the cover feeders of a number Perfect Binding machines whether it has two or four shafts. Whichever version you choose it can be sent direct to you on the day of your purchase, in a nicely presented packaging case, for you to install. Alternatively, we can carry out installation for you, call for details.



Within minutes of receiving your Spine & Hinge Creaser you can be up and running, producing perfectly finished books your customer will be proud to receive.

## Take advantage of our 100% Money Back Guarantee

*Effectively, the installation of our Spine & Hinge Creaser into your existing cover feeder will ensure that your high value books are not flawed by cracking or flaking issues, particularly on those medium to heavy weight materials printed using darker solids. Just as importantly, it also means that the functionality of opening the front cover of any book is 100% effective.*

*This is our promise, if for any reason our product does not perform as stated above and fails to meet your own expectations within the first 12 months of purchase, you may return it to us and we will reimburse you in full, no questions asked.*

## Some Benefits of the Spine & Hinge Creaser

- Deliver jobs faster: crease from 1 to 4 lines simultaneously and on the same side or opposite sides of the sheet.
- Eliminate `white line flaking & fibre cracking so your books look great.
- Superior creases allow side glue to bond with hinge flaps making it user friendly.
- No more outsourcing of book covers for creasing.
- Pays for itself (on average) within the first 4 months of purchase.
- No more ripped sheets or split covers.
- Works perfectly on cross grain materials regardless of solid ink coverage.
- Performs excellently on UV coated, laminated or digital stocks.
- Simple and significantly faster to set when compared to the OEM version, thanks to the split creasing ribs.

## Customer Testimonials

“When a new creasing tool was needed for the cover feeder of our Muller Martini binding machine, we turned to Tech-ni-Fold.

We were utterly amazed when we tried the adjustable version of the Spine & Hinge Creaser, it had colour coded ribs that corresponded to different crease styles, and it further improved the quality of covers, using our own special side-gluing “spineless” method. Not only does the system eliminate fibre-cracking, but it also minimises the reset force of the cover.

The Spine & Hinge Creaser has allowed Kosel to raise its own quality standards for bound products.”

Eugen Mayer

Book-binding department manager

Kosel

Altrusried-Krugzell

Germany

“We installed your Spine & Hinge Creaser system into 3 of our binding lines after seeing it at a book show. The OEM scoring system has a swap time of approximately 4 hours for a single engineer, whereas your system can have a full change in under 10 minutes once the hardware is initially installed.

As your creasing rings last for around 800,000 covers, for us that's one change per month. The benefit is the scorer change is now an operator task and can be done immediately with the rings held as a stock item, rather than arranging for OEM parts to be ordered and engineer to attend.

We tend not to adjust the creaser width or depth as one setting does the job for all types of cover, but we do change from 2 score to 4 score several times per day. Your system allows for this to be completed in half the time of the OEM system.”

Testimonial supplied by one of the **UK's leading book producers** who were happy to provide it but did not want to be named. We decided to use this as it gives great insight into how the Spine & Hinge Creaser has improved the company's productive workflow.



# Spine & Hinge Creaser



To learn more about how our Spine & Hinge Creaser can help your company produce significantly enhanced Perfect bound books whilst saving time and money doing it, please do not hesitate to call us, here are the contacts you need to call.

Steve Humphreys is office based and can help you with any information you may require, including pricing details and all our latest special offers, please email [steve.humphreys@technifold.co.uk](mailto:steve.humphreys@technifold.co.uk) or call him direct on **01455 5544 91**

If you would like to speak to Lee White, who installs our solutions throughout the UK and has the technical knowledge and experience to answer specific questions please email [lee.white@technifold.co.uk](mailto:lee.white@technifold.co.uk) or call him direct on **01455 5544 91**



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