

FREE REPORT

Why the good looks of your Perfect Bound books are often under threat because of poor scoring tools, and how the Quad Creaser can solve the issue!

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.

OEM scoring tools may serve you well some or even most of the time, but when your books turn ugly, because the score fails to do its job, there is little you can do other than gathering your covers to run through a separate Letterpress creasing machine. The good news is, now there is a solution that **takes away all the risks...**



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 often **more prone to fracturing** as soon as your OEM supplied (set of four) scoring tools contact the surface of the cover. 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 in this area, however this does not mean they will escape some form of fracturing.

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 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 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.



Poor result using OEM scoring tools.



6mm Hinge flap areas.



Weak scores effect bonding of glue to hinge flaps.

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 **Quad 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.

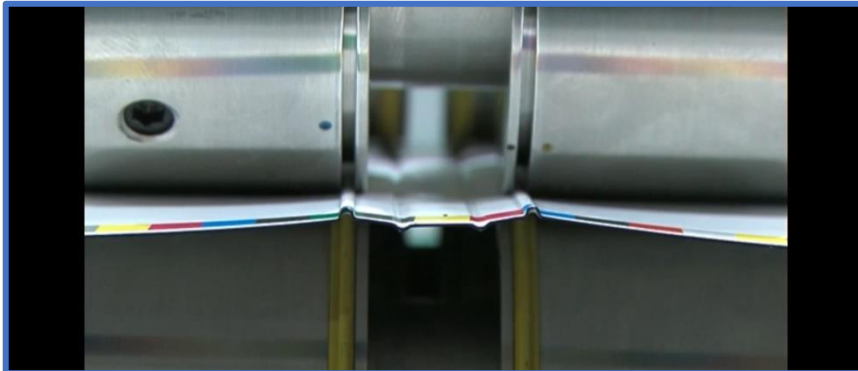


Superior result using the Quad Creaser.

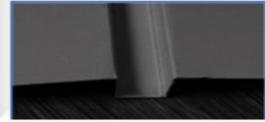


Stronger creases enable front & back cover to open on the hinge without effecting glue contact to 6mm flaps.

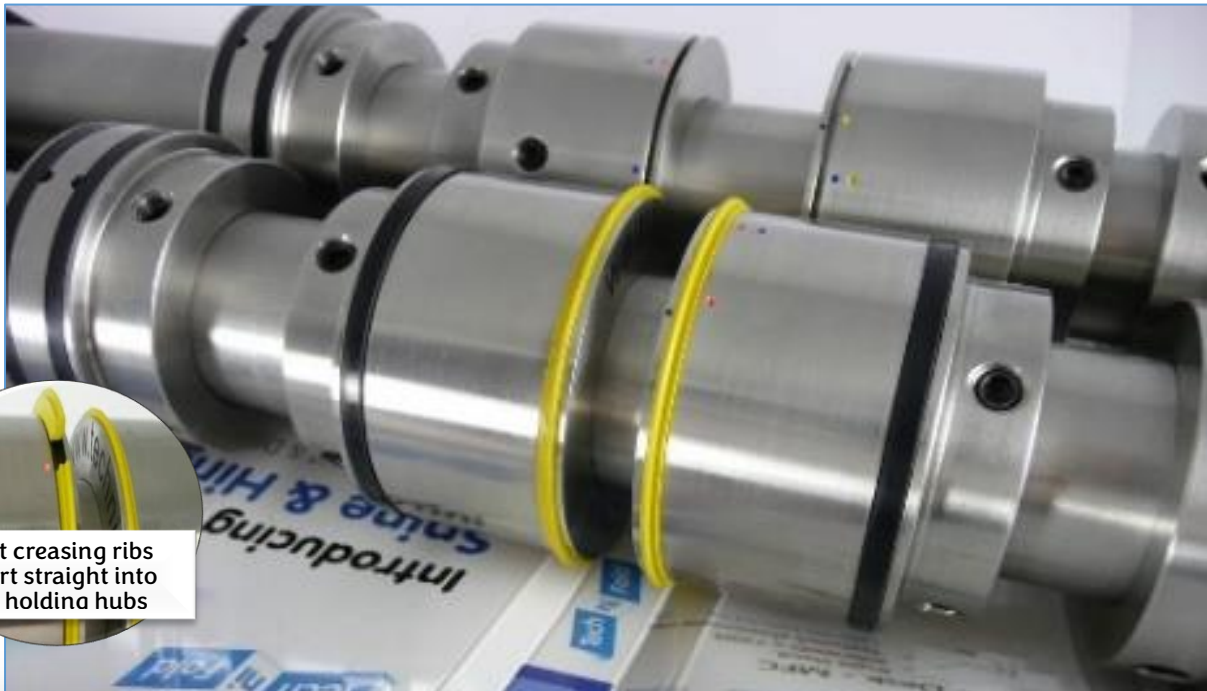
The Quad Creaser, as well as creasing on one side of the sheet can also be adapted to apply 2 upper (hinge) and 2 lower (spine) creases that simply will not allow cracking or flaking to occur



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

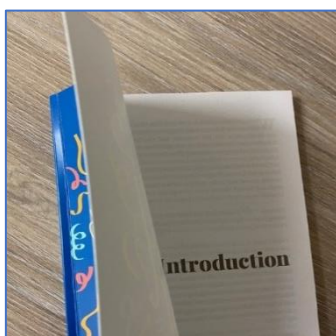


The durable & patented colour-coded rubber creasing ribs we use are split so you can install them straight into the male & female hubs in your cover creasing unit, without having to take out the shafts.

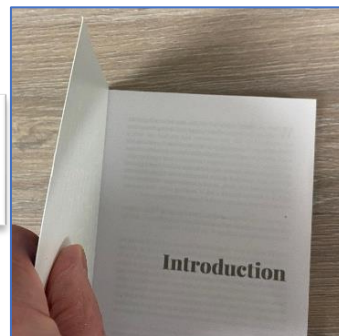


Split creasing ribs insert straight into the holding hubs

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.



Some Benefits of the Quad Creaser

- **Deliver jobs faster:** crease from 1 to 4 lines simultaneously and on the same side or opposite sides of the sheet.
- **Eliminate** flaking & 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.

“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 Quad 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 Quad Creaser has allowed Kosel to raise its own quality standards for bound products.”

Eugen Mayer

Book-binding department manager

Kosel

Altrusried-Krugzell

Germany

To learn more about how our Quad Creaser range of solutions 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 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 more specific technical questions please email lee.white@technifold.co.uk or call him direct on **01455 5544 91**



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