



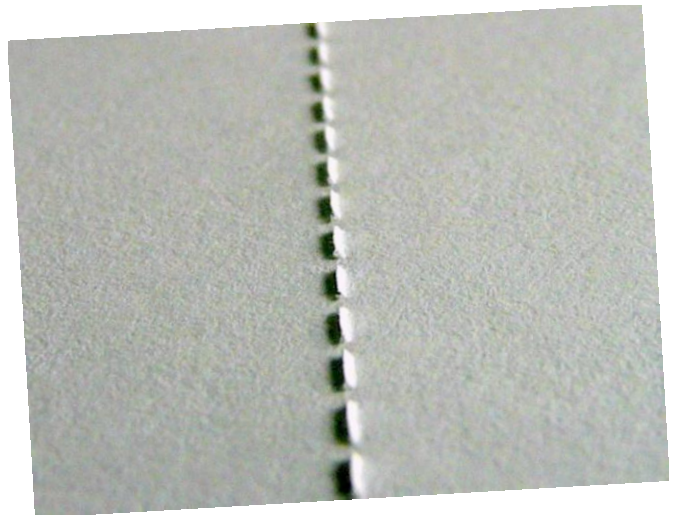
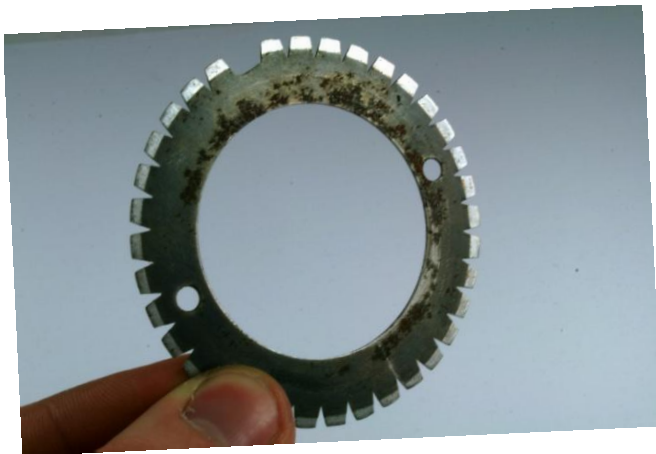
How to get micro-perfed sheets from your folding machine that will run through any laser printer, copier or digital press



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Does your folding machine let you down when it comes to micro-perforating?

Are you fed up with burred perf blades or the constant flow of broken teeth that lead to more orders for replacements on a regular basis?



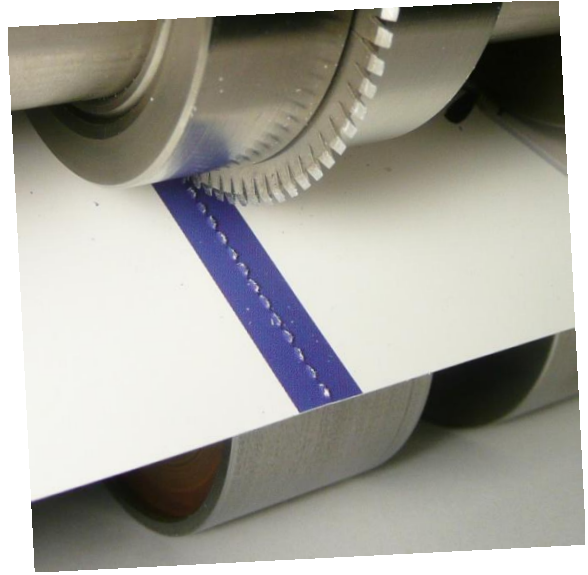
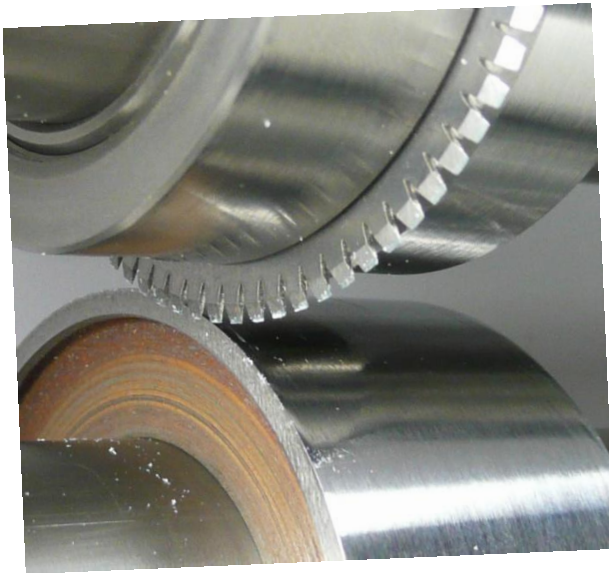
Does this broken toothed perf blade look familiar?

The existing micro-perf system on your folder is too harsh

Have you ever asked yourself why true micro-perforating has not been produced on a folding machine? Maybe you've been in a situation where you've outsourced a job or two simply because the sheets need to be finely perforated and you weren't confident of using the standard device that was supplied with your machine.

In truth folders are made to fold paper and any perforating, cutting or scoring accessories that come with the machine have been produced only to aid this process. It's this simple, if you try to produce flatbed quality micro-perforating by using standard perf devices on your folder you won't achieve it and here are just two reasons why:

- Rotary micro-perf blades for folding machines come as a standard 12TPI (teeth per inch). True micro-perforating perf rules used on a flatbed cylinder start at 17 TPI.
- The very nature of rotary micro-perforating goes against the fundamental principles adopted by flatbed cylinders. The rotary perf blade is simply too harsh when it runs against the steel cutting anvil, pushing the stock and forming a ridge before puncturing it and dispersing paper dust below. The paper dust and ridge can cause problems for those jobs that need to run through another process.

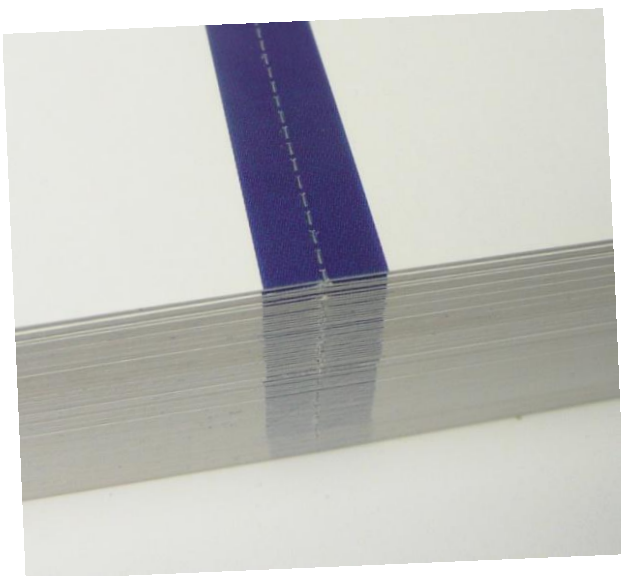


Overlap of steel blade against steel cutting anvil is simply too harsh and can form a ridge in the stock

Metal against metal is a recipe for disaster

It's a fact that blade running against anvil, or metal running against metal is no more than a recipe for disaster. Something is always likely to wear out or break and it usually happens when you least want it to, costing precious time and money.

It's not hard to understand why micro-perforating is usually outsourced given that flatbed methods gently press up to 72 cuts per inch into the surface of the material without damaging the fibres. In fact, it has become an industry standard over the past few years for micro-perforating applications to be fine and flat and without any distortion so that the perfed sheets can run trouble-free through laser printers. You can also tell when a pile of sheets are micro-perfed correctly because they lie flat; whereas the ridge created by traditional micro-perforating devices builds up to create an oval shaped stack, making guillotining more troublesome.



Perfectly micro-perforated flat stack of sheets



Oval-shaped stack micro-perforated by a conventional device

Let's face it; the rotary method of micro-perforating adopted world-wide that incorporates the overlap of blade against a cutting anvil simply hides any possible imperfections. There is no quick way of telling if a blade is slightly oval-shaped or under the specified tolerances because it will always penetrate the stock during production. However, you may measure mid to long term wear by the burred edges that form on the blades or the amount of broken perf teeth you acquire or by the amount you spend on replacements each and every month or year.

What if there was a rotary solution that matched flatbed micro-perforating?

Wouldn't it be great if there was a solution that actually worked as well as the proven and accepted flatbed method, a device you could just slide onto the shafts and see working straight away? Imagine if the device could press up to 72 micro-cuts per inch for millions and millions of sheets without any hint of wear to the blade or without any broken teeth?

How easy would life be if you could completely bypass the outsourcing process and produce faster turnaround on your folding machine at top speeds, saving money in the process?

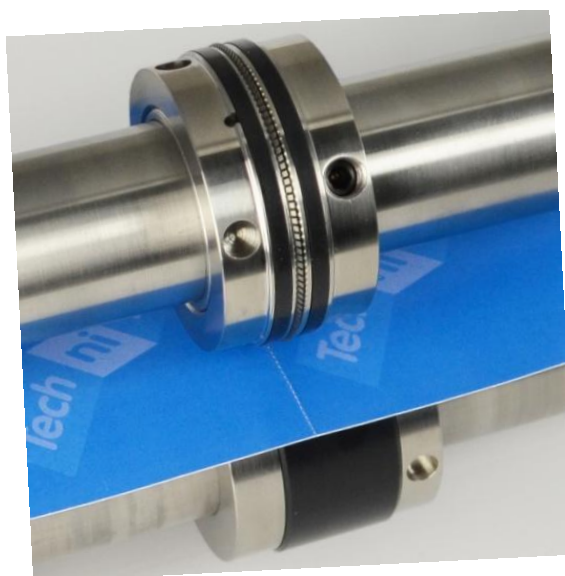
Would you be more likely to buy such a unique device if you knew the company that made it had found a way to produce perfect micro-perf blades and precision fit perf collars and anvils using a combination of unique materials and tried and tested methods?

Introducing the Tech-ni-Fold Micro-Perforator

The Tech-ni-Fold Micro-perforator was created as a result of extensive market research over many years and fulfills all of the promises above and much more.

Not only does our system produce an array of micro-perf options but it was designed using new technology that adds strength and longevity to the unit, so that it greatly outlasts conventional methods many times over.

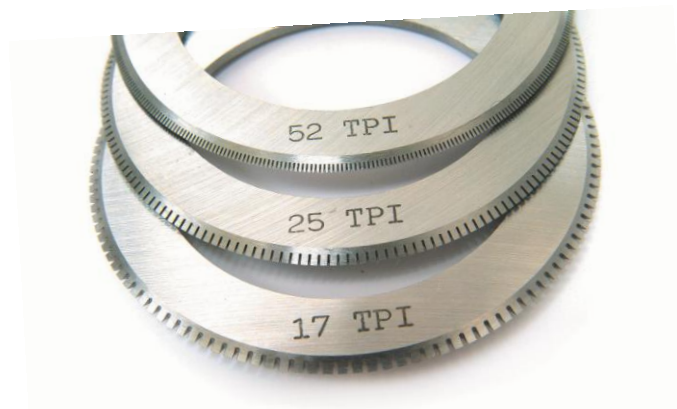
Unlike conventional perfs, the Tech-ni-Fold Micro-Perforator is designed to kiss-cut the sheet, and the narrow profile perf blade cuts through only to the bottom of the sheet, not beyond, which also minimises the knife area in actual contact with the sheet.



This means you get a cleaner, finer cut which permits the sheet to lie flat, and because the Tech-ni-Fold Micro-Perforator's blade is mounted on a special shock-absorbing cushion, you get an accurate, precise kiss-cut the entire length of the sheet. Tech-ni-Fold Micro-Perforator blades are break resistant for two reasons:

- Strong double bevel construction; the hard wearing blades have been specially designed to penetrate paper.
- They cut against a comparatively softer nylon rather than steel. You get perfect, straight line micro perms without the cost or the headache!

The Tech-ni-Fold Micro-perforator is the only rotary action solution that replicates the proven micro-perf results you see come from the flatbed cylinder. The package includes 17, 25 & 52 teeth per inch blades that deal with stock ranges 65-350gsm and a choice of two nylon cutting anvils that greatly minimise blade wear.



Benefits of the Tech-ni-Fold Micro-Perforator include:

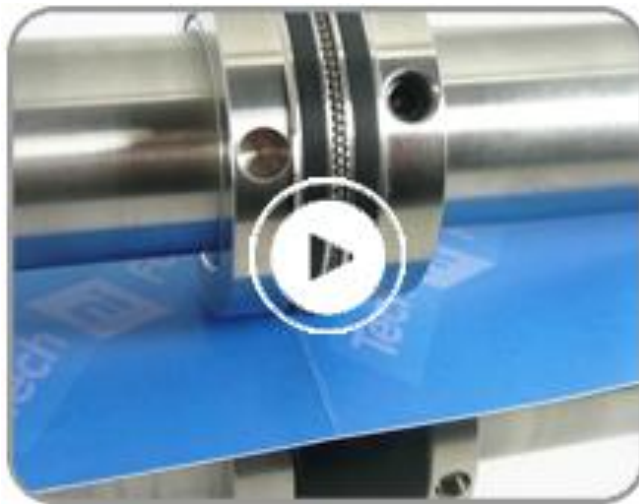
- Eliminates micro perf outsourcing
- Save hours and days in turnaround time
- Produces sheets that will run through laser printers and copiers
- Sells jobs that you used to turn away
- Saves thousands of pounds on replacing printing press blankets
- No installation required, simply slide onto folder's slitter shafts
- Frees up your printing press and die cutter for more profitable work
- Never break a perf blade again!



We have just completed our second job with the Micro-Perforator and have already recovered the cost we paid for it. Now we can complete work quicker with superior results than previously, and with a lot more control.

Phil Fredericks, Wood Mitchell Printers, Stoke on Trent, UK

But don't just take Phil's word for it; we are so proud of our micro-perforating tool that we made a short video to show what it really can do and to help you get a better understanding of the quality that can be achieved by using one. Follow the link below to see the incredible results that can be harnessed very simply by anyone with basic knowledge of their own folding machine:



We even want you to touch and feel the results, so to prove how much we stand behind our revolutionary device we want to send you some samples we ran through our own on-site folding machine fitted with patented Tech-ni-Fold tools:

Yes, please send me some Tech-ni-Fold micro-perf samples!