

## Converting Blades For Paper Processing Industry



*More Reliable Industrial Blades*

Metal Industrial supplies a wide range of standard and custom-made knives & blades for Paper Processing industry equipment including Slitters, Rewinders, Printing Machines, Die Cutting Machines, Labeling Machines, Punching and Perforating Machines.

Before 2023, Metal have been providing blade support services for Chinese domestic export trading companies and equipment exporters, with our products reaching over 80 countries worldwide. To expedite the company's growth, starting in 2023, we established an International Trade Department to directly serve our international clients.

Our knives for converting applications are made of the finest material. Depending upon the application, knives are manufactured in different steel grades to improve productivity by reducing downtime, including 65Mn, 9CrSi, Cr12MoV, SKD-11, and HSS. When you need the right converting knives & blades to do the job quickly and precisely, Metal Industrial Blade has you covered!



### Bag making blades

We supply knives for bag making machines for production of pouch bags, roll bags and bottom seal bags. Knives are available for cutting and perforating. All teeth are made by wire cut for the highest quality perforation. We can supply customized blades according to your requirements.

### Bottom slitter knives

We supply circular bottom knives for all brands slitting sections and machines. Together with circular top knives they are the center of every slitting section. All circular bottom knives are precision ground to achieve best axial/radial runout and parallelism. Customized blades can be supplied according to your requirements.



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### Circular knives

We offer high quality circular blades in a variety of materials and in a wide range of sizes ( $\varnothing 28\text{mm}$ -  $\varnothing 610\text{mm}$ ). This is essential for precision cutting in paper converting. Circular knives from Metal Industrial ensure accurate and clean cuts in the production of various paper products. Enhances the efficiency of paper converting processes, resulting in high-quality finished goods.

### Corrugated blades

Our corrugated blades play a pivotal role in precision cutting for the paper converting industry. Designed specifically for the corrugated box manufacturing and converting process, these blades ensure clean, precise cuts and long service life, increasing the efficiency of corrugated board converting.



### Multi knife blocks

We offer high quality multiple groove bottom knives for slitter/rewinders alongside very competitive prices. These can be used in combination with circular dished knives or razor blades. Our multi knife blocks are precision ground for high quality cuts and long lifetime between sharpening.



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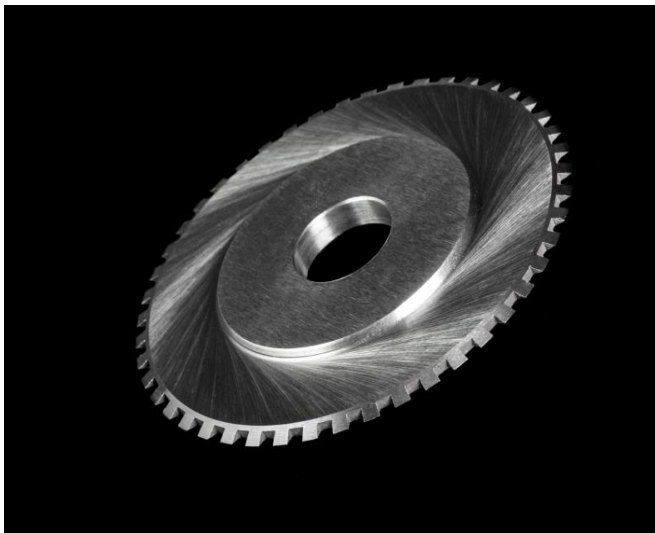
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## Paper slitting blades

Our paper slitting blades cut and trim paper rolls perfectly during the converting process. By choosing different materials and processes, the blades can be made sharper and more durable, extending service life, and minimizing downtime. This increases machine reliability, reduces maintenance costs and increases production.



## Perforation knives

METAL blades utilize advanced manufacturing techniques that provide excellent wear resistance and long blade life, maintaining consistent cutting results even in high intensity production environments. Their precision design and high-quality materials ensure consistent results in the paper perforation process, which improves product quality on the production line, enabling users to complete production tasks more quickly and efficiently. Long life and wear resistance keep our blades sharp for longer periods of time, reducing the frequency of replacement and maintenance.

## Roll splitters

We supply knives for roll splitter guillotines for cutting off-grade or damaged rolls. All roll splitter knives are delivered in high quality packaging for safe handling and transport to resharpening. Roll splitter knives can be produced with double bevel or sharp bevel depending on material to be cut.



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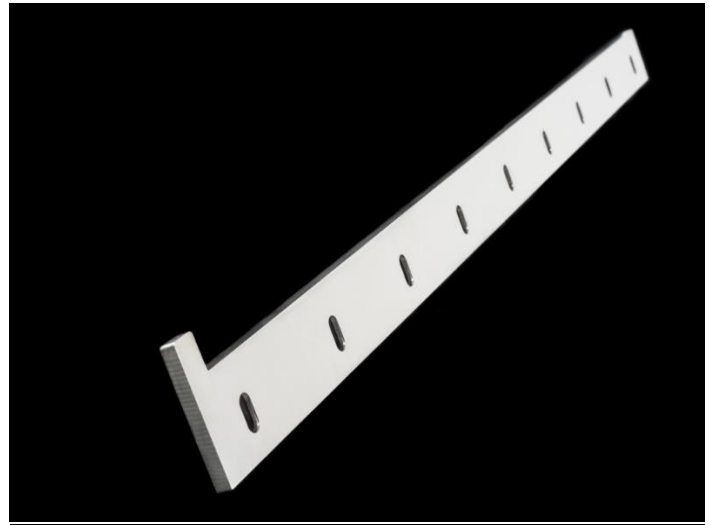
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## Sheeter knives

We supply sheeter knives and cross cutters. Fixed and rotating knives for sheet cutting machines including layboy pulpers. Serrated cutting edges are provided according to your specification. Our engineers can produce drawings according to your sample.



## Top knife holder

Besides circular knives we also provide collars for fixing circular knives to shafts. Available for dished and flat circular top knives. We deliver the top knife holder including spring and clamping ring. Our collars can be mounted on the shaft in different ways: Axial clamping, Set screw locking, Self-locking (eccentric with ball bearings and ring).

Don't see the knife style you need? Not a problem! Whatever knife design you're looking for, odds are we've made it before. And if we haven't, we'll make it for you right now, to your order.

**We want to supply you with all requirements for knives, parts and services whilst reducing your costs.**

Based on your information (brand, type, OEM reference, dimensions of knives and/or drawing) we can quote you within 24hours. In case you have any questions, please do not hesitate to contact us.



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