



## SKH-9 180\*75\*8.5Mm Paper Cutting Machine Blade HRC 58-62 For Plastic Film Sheets

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: SKH-9
- Minimum Order Quantity: MOQ 10 Pieces
- Price: Can be discussed
- Packaging Details: 1pc/wrapper, 100pcs/box, 100boxes/ctn, Wooden and carbon boxes
- Delivery Time: 30 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500 Piece/Pieces per Day



### Product Specification

- Product Name: Paper Cutting Machine Blade
- Material: SKH-9
- Length: 180mm
- Width: 75mm
- Thickness: 8.5mm
- Precision:  $\pm 0.05\text{mm}$
- Hardness: HRC 58-62
- Application: Paper Cutting
- Highlight: paper cutting machine blade hrc 58-62, plastic cutting paper blade, plastic paper cutting machine blade



### More Images



## Product Description

### SKH-9 180\*75\*8.5Mm Paper Cutting Machine Blade For Plastic Film Sheets

#### Description:

**In the automotive manufacturing industry, there is an important tradeoff between the precision and efficiency requirements for paper cutting blades:**

**1, Precision Requirements:**

Automotive interior components like seats, door panels, and dashboards require a certain level of precision in cutting the fabrics, leather, and other trim materials.

Inaccurate cutting can lead to visible defects, improper fit, and quality issues in the final assembled vehicle.

However, the precision tolerances are not as stringent as in industries like electronics or aerospace, which have zero-defect requirements.

**2, Efficiency Requirements:**

Automotive manufacturing operates on high production volumes, so cutting speed and throughput efficiency are crucial.

Automakers need paper cutting blades that can maintain high cutting speeds to keep up with the pace of their assembly lines.

Downtime for blade maintenance or replacement needs to be minimized, as it can disrupt the entire production flow.

**3, Tradeoffs and Optimization:**

Manufacturers have to balance the need for precision with the demand for high efficiency.

Extremely precise blades may sacrifice some cutting speed, which can impact productivity.

On the other hand, blades optimized solely for speed may not provide the necessary level of cutting accuracy.

The goal is to find an optimal middle ground that meets both the precision and efficiency targets for automotive interior components.

**4, Strategies for Optimization:**

Use high-quality blade materials that can retain sharpness for longer periods without compromising precision.

Implement advanced blade geometries and coatings that enhance both cutting accuracy and speed.

Integrate the cutting process with automation and smart monitoring systems to maximize uptime and throughput.

Develop routine blade maintenance and replacement protocols to maintain the desired performance levels.

#### Paper Cutting Blade Specifications:

Product name	Paper Cutting Machine Blade
Material	SKH-9
Length	180mm
Width	75mm
Thickness	8.5mm
Precision	±0.05mm
Hardness	HRC 58-62
Application	Paper cutting

**The cutting techniques can vary quite a bit depending on the type of paper material being cut:**

**1, Cardstock:**

Cardstock is relatively thick and rigid, requiring more force to cut through.

Using a sharp, straight-edge blade and applying steady, firm pressure is important to achieve clean, straight cuts.

Cutting cardstock may require multiple passes or scoring the material first to help guide the blade.

Maintaining blade sharpness is crucial, as dull blades can tear or fray the edges of cardstock.

**2, Tissue Paper:**

Tissue paper is very thin and delicate, requiring a light touch and precise control.

Using a sharp, fine-tipped blade and gently guiding it through the material is key to prevent tearing.

Cutting tissue paper in a continuous, fluid motion helps avoid jagged edges.

Applying minimal pressure and using a sawing motion can also help achieve smooth, clean cuts.

**3, Fabric:**

Fabric, especially woven materials, can be more challenging to cut cleanly and precisely.

A sharp, fine-toothed blade helps prevent the fabric from shifting or fraying during the cut.

Stabilizing the fabric with a cutting mat or backing can improve the cutting accuracy.

Using a gentle, back-and-forth cutting motion, rather than a single straight pass, can help navigate the fabric's texture.

Cutting along the grain or weft direction of the fabric can also improve the overall cut quality.

**4, Other Materials:**

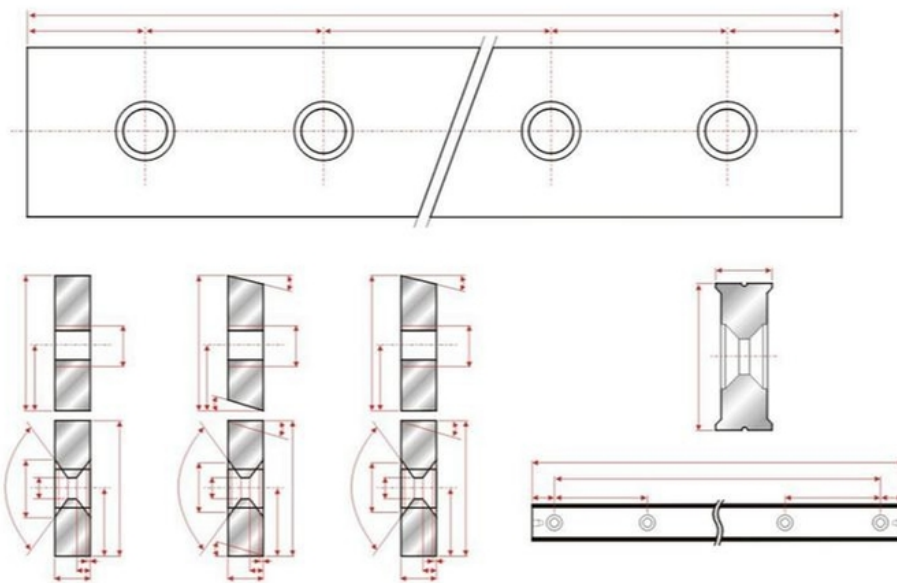
For thin, flexible materials like foils or films, a sharp blade and a steady, controlled cutting motion are essential to avoid tearing or distortion.

For thick, rigid materials like foam or plastic sheets, using a saw-like motion and applying more force may be necessary to cleanly cut through the material.

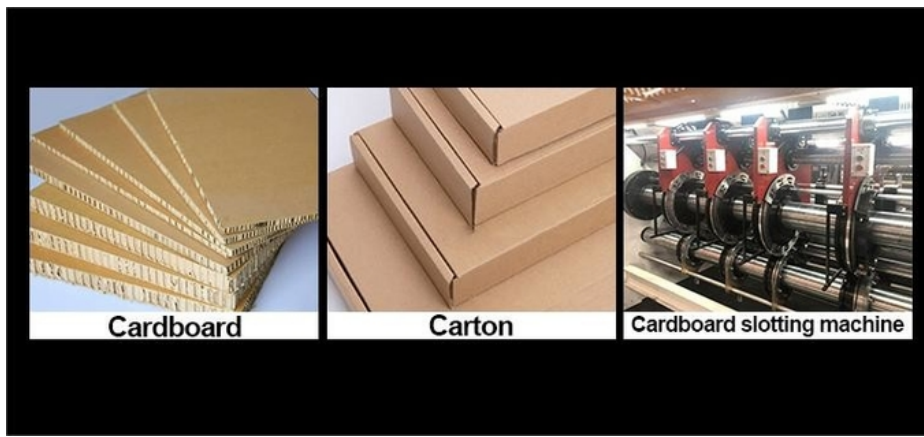
#### Picture:



### Size:



### Applications:



### Packing & Delivery:



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