

# The sharp choice for slicing bread



# Constantly sharpening performance

For almost 70 years, Munkfors has been known for superior quality, reliability and innovation. These features are incorporated into our entire product line and all of our services. Our leading position is not a coincidence. Ever since Anders Hallberg founded our company in 1948, we have never ceased to innovate, improve and adapt our blades to suit each specific market segment.



### **Revolutionary design**

A few years ago, we introduced our high-performance range of slicer blades for the baking industry. In fact, we challenged the entire industry by presenting a whole new cutting-edge design.

Our unique, patented profile grinding technique produces identical ultra-sharp teeth of uniform geometry. It also allows us to use harder steel than possible with conventional manufacturing methods, which increases blade reliability and stability.

Our profile-ground blades cut cleaner, minimize crumbs and outperform most other brands, particularly blades with conventional punched, milled or ground teeth. As a consequence, you get a consistent, high-quality result and higher yields.

### **In search of excellence**

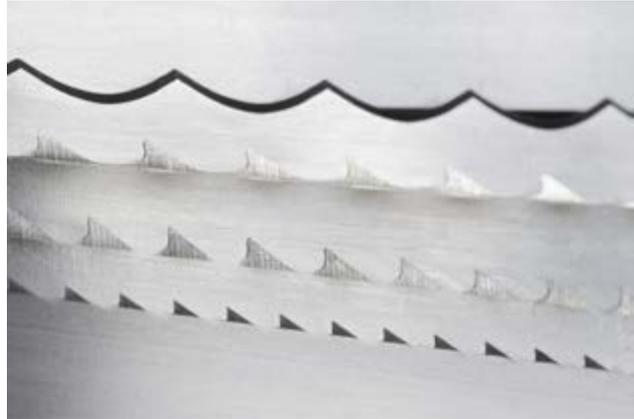
We are committed to high standards and constant improvement. Ever since the introduction of our new slicer blade, we have worked hard to evaluate their performance. We have listened carefully to those who use our products on a daily basis.

Based on feedback from our customers, a number of important improvements have been made. An optimized manufacturing process ensures outstanding performance of our blades, which in turn makes it possible for our customers to achieve maximum uptime in production.

### **Meeting challenges head on**

Munkfors is a family-owned Swedish company that is truly involved with cutting-edge technology. Our innovative solutions and progressive attitude have earned us a solid reputation as a company that meets all challenges head on.

In today's competitive race, success is all about performance. At Munkfors, we are dedicated to sharpening yours.



# Always a cut above

No matter what type of bread you want to slice, there is a Munkfors blade that will satisfy your needs. From soft toast to tough rye loaves, our product range covers the most common types of blades for bread applications.



## Choosing the right blade

Superior blade performance translates into higher productivity and profit. That is why you need to choose the right blade for each application. At Munkfors, we are able to recommend a blade that gives you the highest production rate, while meeting exact cut specifications.

Ask for our advice in selecting the blades that best meet your particular needs. Should you have any special requirements, we are also able to modify and customize our standard blades.

## Improve your bread cutting

Our range of slicer blades includes both traditional blades and our patented BW-blades that ensure uniform slice thickness, even in the most demanding applications. The BW-blades are developed in close cooperation with leading manufacturers of slicing machines, who have tested our high-performance blades with excellent results. The unique BW-geometry ensures a clean cut that minimizes crumbling.

Type of bread / Main recommendations	Type	Dimensions,mm
Soft breads and buns	Munkfors Sharp BW3 <i>Pat. Pending</i>	12.5 x 0.40
Soft breads and buns	Munkfors Sharp Concave	12.2 x 0.45
Soft and high-fiber breads	Munkfors Sharp BW4 <i>Pat. Pending</i>	12.5 x 0.40
Soft and high-fiber breads	Munkfors Sharp MX	12.2 x 0.45
Firm/dense and hard-crust breads	Munkfors Sharp BW4 HTT, <i>Pat. Pending</i>	12.2 x 0.45

Other configurations available

*Munkfors unique, patented BW-blades give you a cleaner, more uniform cut that helps maximize your product yield.*



### **Patented grinding technology**

To produce our top-quality blades, we use our own unique and patented grinding method that gives:

- Sharper blades
- Cleaner cutting
- Uniform cutting geometry
- Longer blade lifetime
- Minimum downtime
- Very little material waste

### **Only the best strip steel**

The strip steel we use for our blades is supplied by leading companies in tooling and materials technology. Each steel type must satisfy the specific demands of different applications. Major requirements include high strength, exceptional flatness and straightness, excellent weldability and tight tolerances.



# Solid partner for a solid future

Munkfors has been a leading player in saw blade production for almost 70 years. Our well-established peak position in the market guarantees our stability. By choosing Munkfors, you get a solid partner dedicated to continuous innovation and improvement.





### Stringent quality control

Our blades make up a small part of overall production costs, but they are critical for your operating reliability and output. To ensure the performance of our products, we implement stringent standards of production and quality control, guided by ISO 9001 procedures. Experienced personnel and high-tech testing equipment guarantee the quality of all delivered products.

All our blades are individually identified for complete traceability through the whole production line. Since the blades are extremely sharp, our packaging is specially designed to guarantee safe product handling and effective storage.

### Taking good care of you

Munkfors is big enough to take on a leading role in the business arena, but small enough to maintain a personal relationship with every customer. Our network of professional distributors ensures first-class service, including comprehensive technical support. Good logistics make certain that you can always depend on getting both products and backup within a short timeframe.

***“Every delivery and every meeting is a recommendation for future business.”***

Munkfors Business Policy



# The edge to stay ahead

Munkfors blades are truly cutting-edge technology. We lead the development of bandsaw blades and band knives for sawing, cutting and slicing in the food industry to sharpen the production performance of our customers. Commitment to the latest manufacturing technology – often developed in-house – gives us the edge to stay ahead of the competition.

Our unique manufacturing technology guarantees products of high quality and long life. Almost 70 years of successful manufacturing of high-performance blades have laid the foundation for our extensive product range and provided the comprehensive know-how essential to continuous innovation.

Munkfors' mission of enhancing the profitability of customers is complemented with a network of professional distributors that provides first-rate service and excellent product support.



 **Munkfors**  
Sharpening your performance

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