



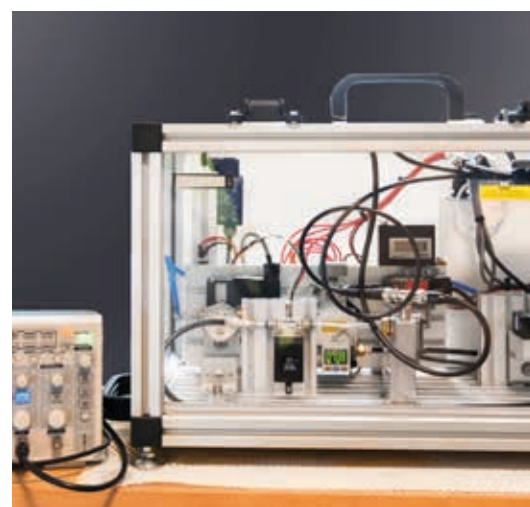
INNOVATION AND R&D OUR FUTURE

We are your partner for special requirements,
at your side developing together.

At voestalpine Precision Strip AB we always accept a challenge. Our Innovation initiatives are moving our business into new product areas and markets. Redefining the limits of what is possible.

The R&D department in Munkfors ensures continuous enhancements in the product and process areas. We are your preferred partner for your special requirements, at your side supporting your product development. Our strength lies in the combination of the latest technologies and our experienced workforce.

As part of the voestalpine Group, we control all essential quality parameters, starting from the specific selection of steel grades which perfectly suit your applications. Whenever new demands for new applications require it, we can develop project-specific alloys together with our customers.

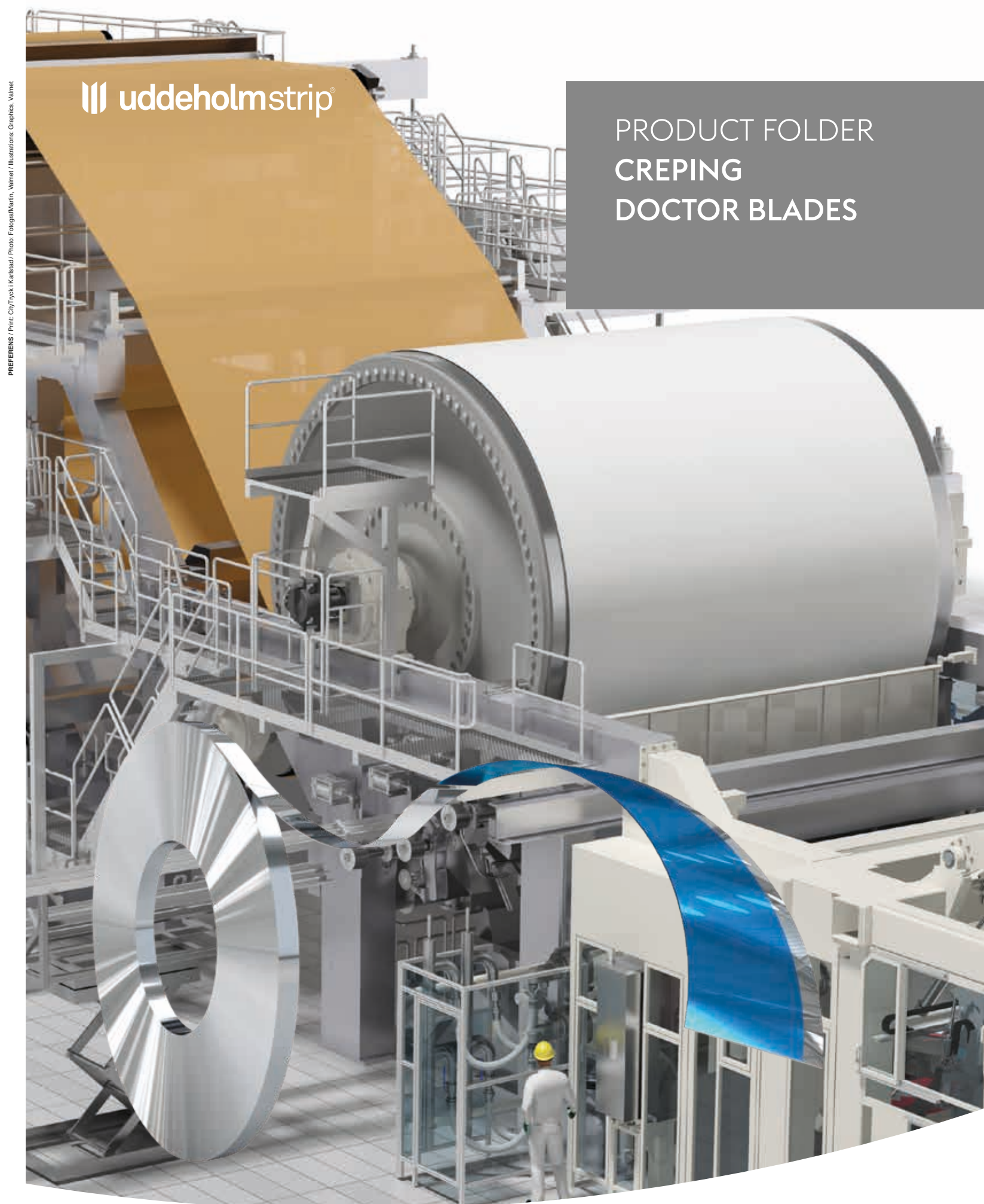


With the latest technologies and equipment we can offer product specific:

- » Impact fatigue testing
- » Fracture studies
- » Wear profiles and angles
- » Full material analysis
- » XRD and SEM studies

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voestalpine
ONE STEP AHEAD.



PREPENS | Prec. City/Tyck | Karlstad | Photo: FotografMatti, Vomet Illustrations Graphics, Vomet

PRODUCT FOLDER
CREPING
DOCTOR BLADES

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voestalpine
ONE STEP AHEAD.

COLD ROLLED STRIP FOR THE TISSUE INDUSTRY

voestalpine Precision Strip AB supplies cold rolled, hardened and tempered strip for the paper and printing industry. We supply semi-finished coater and creping blades for blade manufacturers but also blades ready for use by the end customers.



The "Q" and "S" images represent rotational movement, the dynamic flow process, continuous production and the efficiency of the paper & board machine. This compliments the "line" as our blades. The goal is to match the exactness of the line with the fluidity of the process.

Our program includes both steel and thermal coated creping doctor blades. We supply both blade material and finished products to doctor blade manufacturers and end users i.e. tissue mills.

voestalpine Precision Strip, with the uddeholmstrip® brand, offers customers coated products with a superior life time, stable production with less vibration and reduced production down time. Resulting in overall productivity gains and reduced production costs.

The entire manufacturing route from steel substrate to coating and grinding is done in house, enabling full control of the end product. This gives outstanding mechanical properties and dimensional consistency providing excellent performance on machines especially at high production temperatures.

Productivity & runability

- » **Exceptional runability performance with our high quality creping blades.**
- » **Higher wear resistance for fewer blade changes.**
- » **Overall productivity gains and reduced production costs.**



Q-CREPE



Q-CREPE C

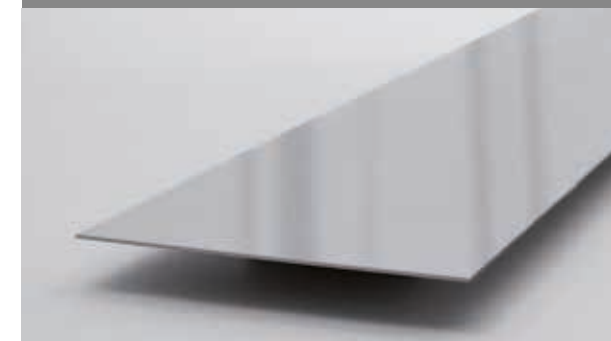
- Ceramic coated blade with proven performance
- High carbon steel substrate
- Reliable blade properties with a good cost benefit ratio



Q-CREPE CM

- Cermet coated blade with superior performance
- High carbon steel substrate
- Enhanced properties with longest available lifetime
- Optimal blade for reducing vibrations

S-CREPE



STEEL CREPING BLADES

uddeholmstrip® offers a wide range of standard high carbon and stainless steel blades with excellent mechanical properties and superior finishes.

These blades have been used and trusted for many years globally.



S-CREPE C

- High carbon steel
- Consistent blade properties with a good cost benefit ratio
- Suitable for frequent tissue quality changes



S-CREPE C+

- High carbon steel with enhanced wear resistance
- Offering improved "value for money"
- Suitable for longer production runs



S-CREPE S

- Martensitic stainless steel blade
- Improved properties combined with enhanced corrosion resistance.
- Proven performance with excellent references.

SPECIAL CREPING BLADES

uddeholmstrip® is unique in producing creping doctor blades made from patented high alloyed steel grades with optimised wear resistance and the best creping performance available from a steel blade.



S-CREPE L+

- High alloyed steel
- Excellent lifetime
- Superior strength and hardness at high temperatures



S-CREPE V+

- High alloyed powder steel
- High resistance to adhesive wear and chipping
- Longest available lifetime from a steel blade