



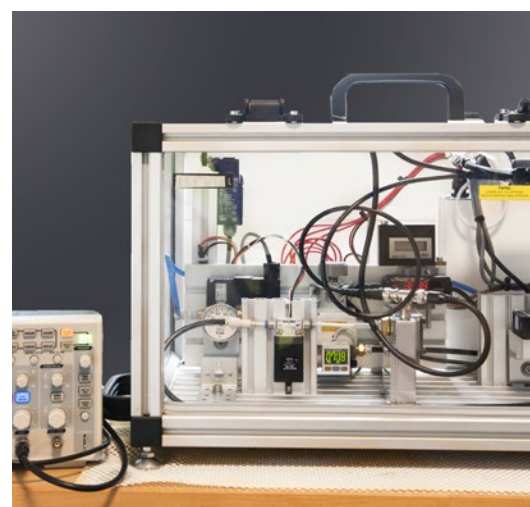
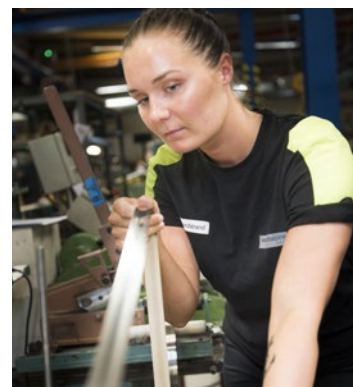
# INNOVATION AND R&D OUR FUTURE

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

voestalpine Precision Strip AB  
Drottninggatan 40  
SE-652 25 Karlstad, Sweden  
T. +46 563 160 00  
[www.voestalpine.com/precision-strip](http://www.voestalpine.com/precision-strip)

voestalpine  
ONE STEP AHEAD.

uddeholmstrip

PRODUCT FOLDER  
PRINTING  
DOCTOR BLADES

PREFERENS / Print City/Type: Hansel / Photo: FotografMarin, Brody Grafika



voestalpine Precision Strip AB  
[www.voestalpine.com/precision-strip](http://www.voestalpine.com/precision-strip)

voestalpine  
ONE STEP AHEAD.

# COLD ROLLED STRIP FOR THE PRINTING INDUSTRY

voestalpine Precision Strip AB supplies cold rolled, hardened and tempered strip steel for the Paper and Print industry. We supply semi-finished coater, creping and printing doctor 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 high carbon, martensitic stainless and high alloyed steel doctor blades. We supply both blade material and finished products to doctor blade manufacturers and end users i.e print shops.

voestalpine Precision Strip, with the uddeholmstrip® brand, offer customers 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

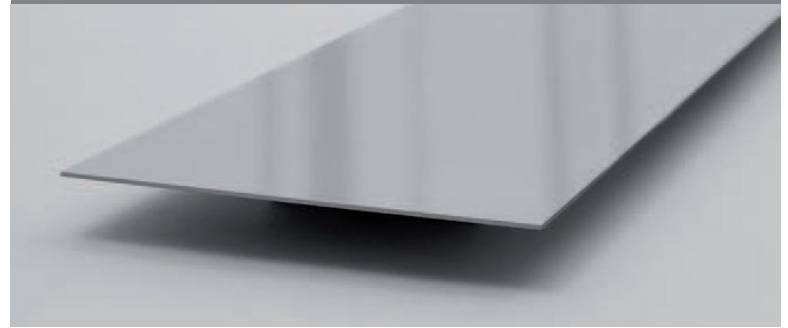
**The entire** manufacturing route from receiving hot rolled steels to cold rolled, heat treated and finalized blades is done in house, enabling full control of the end product. This gives outstanding mechanical properties and dimensional consistency providing excellent performance.

## Productivity & runability

- » Superior edges and tolerances
- » Higher wear resistance for fewer blade changes.
- » Overall productivity gains and reduced production costs.



## S-PRINT



**Range of thickness:** 0.065 mm to 0.305 mm  
**Range of width:** 8 mm to 70 mm

### STEEL PRINTING DOCTOR BLADES

Standard steel printing doctor blades offering superior performance at reasonable cost.

#### S-PRINT C

- High carbon steel blade
- Excellent value money

#### S-PRINT C15

- High carbon steel blade
- Used for longer runs

#### S-PRINT C1

- Enhanced high carbon steel blade
- Exceptional quality in very thin and narrow strips

#### S-PRINT C23

- Extremely high carbon steel blade
- Exceptional carbide density

#### S-PRINT S

- Martensitic stainless steel blade
- Excellent properties with enhanced corrosion resistance

#### S-PRINT SL

- Martensitic stainless steel blade
- Excellent properties and superior runability

### SPECIAL PRINTING DOCTOR BLADES

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

#### S-PRINT L+

- High alloyed steel
- Excellent lifetime