



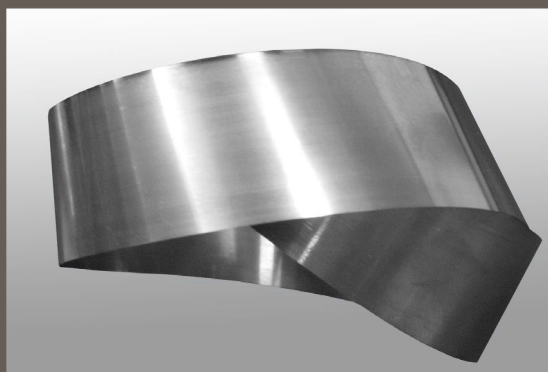
The lamella tip of the **START doctor blade** is used in a variety of Gravure and Flexo printing processes.

The special finished contact zones of these doctor blades guarantee a quick start-up without any streaks. With the reduced blade tip the doctor blade pressure can be greatly lowered. This enhances blade life and has a direct and positive impact on cylinder or Anilox roller life.

### This unique design results in:

- Even and sharp doctoring due to consistent tip thickness
- Consistent tonal values as blade wears
- Quick start-up without print lines due to special polished blade edge
- Less Doctor Blade changes
- Less press down time.

## START STEEL DOCTOR BLADE



### Standard blade for multi printing



## ● Specifications

**Material:** extra refined steel

**Hardness:** 600 ± 15 HV 0,3

**Heat treatment:** hardened and tempered

**Microstructure :** martensite + cementite

**Tensile strength:** 2000 ± 50 N/mm<sup>2</sup>

**Delivery shape:** roll (100 m)

**Width:**  $a_2 \pm 0,01$  mm

**Thickness:**  $b_2 \pm 0,01$  mm

**Width of lamella:**  $a_1 \pm 0,01$  mm

**Thickness of lamella:**  $b_1 (+ 10 \% / - 0)$  mm



**Bevel angle:** 10° / 20° / 30° / 60°

**Blade thickness:** 0,15 - 0,30 mm

**Lamella thickness:** 0,055 - 0,300 mm

**Lamella width:** 1,3 / 1,7 mm



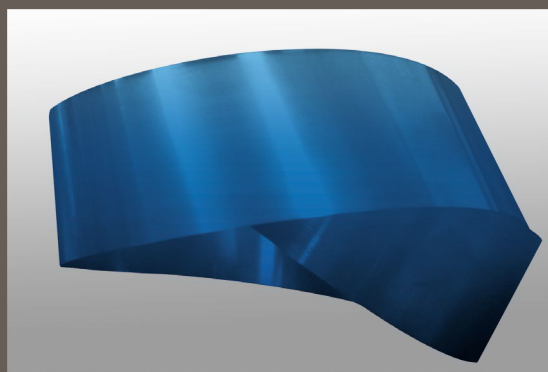
Printers are facing a lot of printing problems. This brings printers to deviate from standard doctor blades settings in order to achieve acceptable results. This deviation makes desired results harder to maintain and even harder to reproduce.

The **SUPER doctor blade** has a hardened coating that reduces friction coefficients and extends blade life. This coating plays a key role in preventing printing defects such as toning (hazing), streaking, drag-outs, bleeding, cylinder banding and chrome wear. It provides clean doctoring, increases blade and cylinder life and is corrosion-resistant.

#### This unique design results in:

- Reduced drag-outs
- Increased blade life
- Increased cylinder life
- Reduced downtime
- Reduced print waste

## SUPER STEEL DOCTOR BLADE



### High durability blade



### ● Specifications

**Material:** extra refined steel

**Hardness:**  $600 \pm 15$  HV 0,3

**Heat treatment:** hardened and tempered

**Microstructure:** martensite + cementite

**Tensile strength:**  $2000 \pm 50$  N/mm<sup>2</sup>

**Delivery shape:** roll (100 m)

**Width:**  $a_2 \pm 0,01$  mm

**Thickness:**  $b_2 \pm 0,01$  mm

**Width of lamella :**  $a_1 \pm 0,01$  mm

**Thickness of lamella:**  $b_1 (+ 10 \% / - 0)$  mm

**Coating of lamella:** metallic + ceramic dispersion, hardened.



<b>Bevel angle:</b>	10° / 20° / 30°
<b>Blade thickness:</b>	0,15 - 0,30 mm
<b>Lamella thickness:</b>	0,070 - 0,250 mm
<b>Lamella width:</b>	1,3 / 1,7 mm