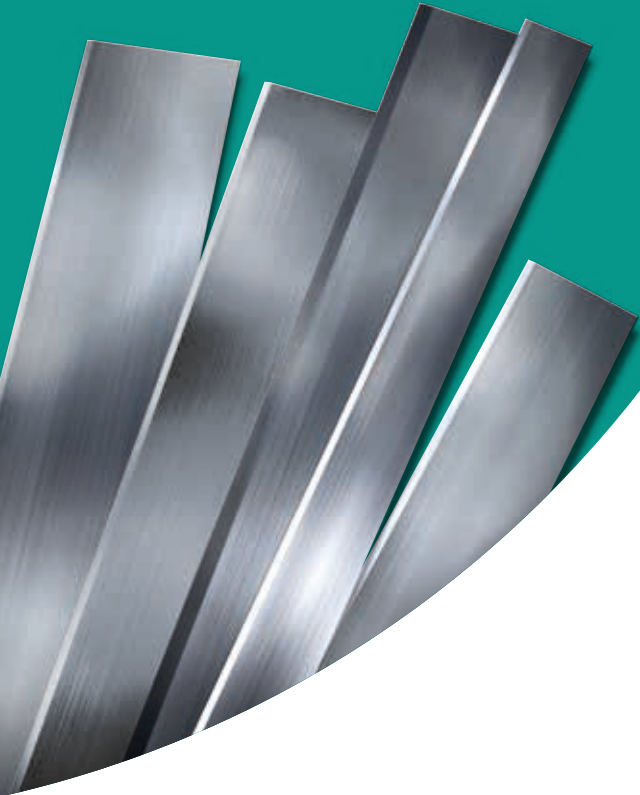


# Millblade® 1100 Nano III

Tool steel with Nano treated surface



The microstructure of the **Millblade® 1100 Nano III** steel consists of evenly distributed carbides, which gives a smooth surface and thus very high wear resistance, reduced friction against the anilox roll and higher printing performance. **Millblade® 1100 Nano III** is produced using the latest Nano technology, as a substitute to coated blades, without disadvantages like brittleness and environmental issues. This patented Nano treatment will extend blade life in both flexo and gravure applications.



## Technical data

<b>Steel quality:</b>	micro alloyed tool steel
<b>Mechanical characteristic:</b>	
Tensile strength:	2100 N/mm <sup>2</sup>
Hardness:	850HV
<b>Straightness tolerance:</b>	1,0 / 3000 mm

## Advantages

- High quality genuine Swedish Tool steel
- Longer blade life
- Higher wear resistance
- Perfect against abrasive inks, such as white, metallic, pearlized, acidic inks etc.
- Less adjustment of the doctor blade chamber
- Friction towards cylinder or anilox roll reduced by 40-60%
- High print quality
- Cleaner wipe
- Less particles sticking to the blade

## Edge profiles

### Profile 10

Beveled edge 2-15 degrees  
Flexo & Gravure

### Profile 25

Radius (polished round) edge  
Flexo & Gravure

### Profile 50

Lamella edge  
Thickness: 0,076-0,30 mm  
Width: 1,0-1,5 mm  
Standard: for gravure: 1,3-0,07 mm  
for flexo: 1,3-0,10 mm



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