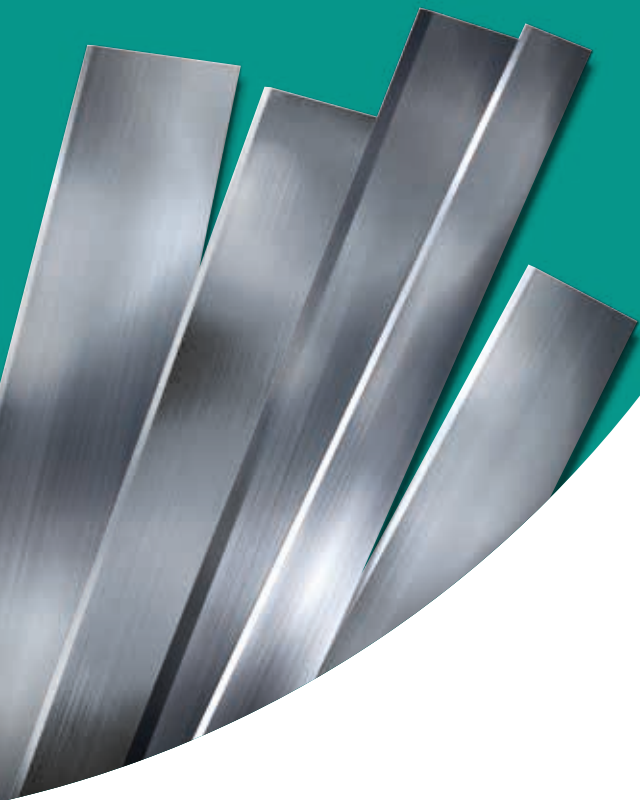


Millblade® 300

Carbon steel



Millblade® 300 series is our basic type of carbon steel, made from genuine high quality Swedish steel and very commonly used worldwide.

The doctor blade is produced to improve production quality, blade life and to increase machine speeds. This is possible thanks to the increased amount of carbides/ μm^2 in the steel microstructure, compared to cheap and low quality carbon steel.



Technical data

Steel quality:	carbon steel
Chromium (Cr):	approx. 13%
Carbon (C):	1%
Silicon (Si):	0,30 %
Manganese (Mn):	0,40 %
Mechanical characteristic:	
Tensile strength:	2030 N/mm ²
Hardness:	590-600 HV
Elongation:	3-4 %
Straightness tolerance:	1,4 / 3000 mm

Advantages

- Genuine high quality Swedish steel
- Long life time and very good wear resistance
- Low anilox and gravure cylinder wear
- High print quality through a refined microstructure with a denser carbide formation compared to other basic carbon steel types

Edge profiles

Profile 10

Beveled edge 2-15 degrees
Flexo & Gravure
30° on request (min. 200 m)

Profile 25

Radius (polished round) edge
Flexo & Gravure

Profile 50

Lamella edge
Thickness: 0,076-0,38 mm
Width: 1,0-2,5 mm
Standard: for gravure: 1,3-0,07 mm
for flexo: 1,3-0,10 mm



For more information please contact your local Miller Graphics, check www.millergraphics.com for contact details.

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