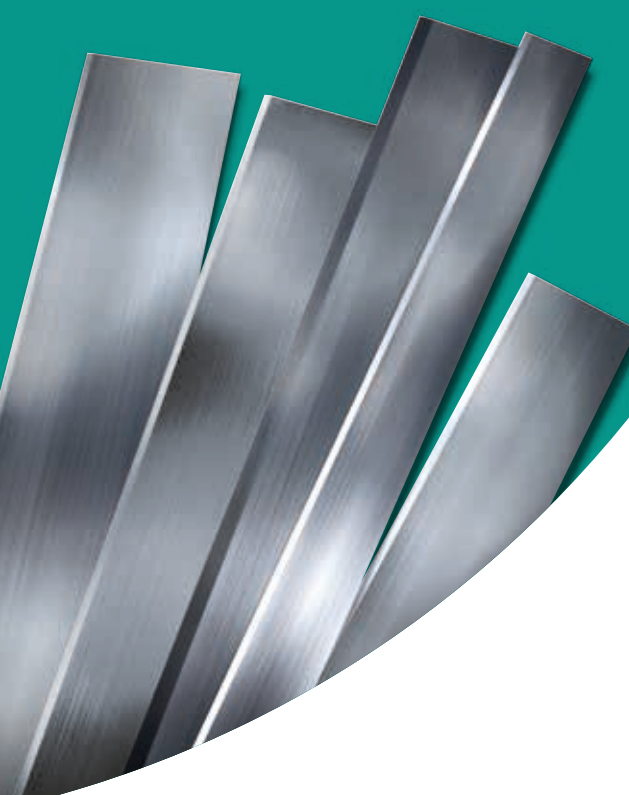


Millblade® 500

Refined stainless steel



Millblade® 500 series is a hardened, heat treated stainless steel and is produced with an excellent particle microstructure and denser particle distribution. It is perfect to use against rust problems and also very good against fast oxidation of the blade tip and abrasive conditions. It is the blade to use when water based inks are used and corrosion is an issue. The **Millblade® 500** also helps to avoid steel particle contamination of the inking system and improve doctor blade life.



Technical data

Steel quality:	hardened, heat treated stainless steel
Chromium (Cr):	approx. 13%
Carbon (C):	0,65 %
Silicon (Si):	0,30 %
Manganese (Mn):	0,55 %
Mechanical characteristic:	
Tensile strength:	1900 N/mm ²
Hardness:	580 HV
Elongation:	3-4 %
Straightness tolerance:	1,4 / 3000 mm

Advantages

- Helps against corrosion problems
- Excellent wear resistance, longer blade life
- Better abrasion and oxidation resistance
- Finer particle release gives less ink contamination problems

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: 0,076-0,30 mm
Width: 1,0-2,5 mm
Standard: for gravure: 1,3-0,07 mm
for flexo: 1,3-0,10 mm



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