

## SWED/CUT<sup>®</sup> MICRONOX<sup>®</sup> I

Product Code: MNI

ISO 9001:2008 certified  
ISO 14001:2004 certified  
ESKO FULL HD FLEXO

### Refined Microstructure, Longer Blade Life & Uniform Edge Wear

MICRONOX<sup>®</sup> I is our most corrosion resistant alloyed chemistry blade material ideal for high pH environments, situations with basic short to mid-length runs, scheduled blade changes, and printing and coating applications where consistent precise metering is a requirement. Its stainless steel composition and compact microstructure ensures even and uniform wear.



**SWED/CUT<sup>®</sup>**  
BY SWEDEV

### Ideal Applications

MICRONOX<sup>®</sup> I is ideal for precise metering of water and solvent based inks for solids, line work, screens, vignettes, envelope, carton, wide web flexible, multi-wall bags, kraft bags, and general process.

- ✓ Process: FLEXO, GRAVURE, COATING
- ✓ Industry Segments: Wide Web, Narrow Web
- ✓ Coatings & Lamination
- ✓ Varnish

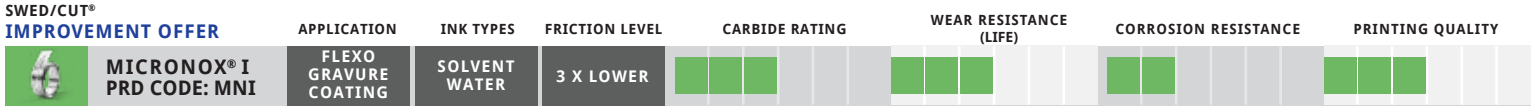
### Features

- ✓ Tight Tolerances
- ✓ Highest Level of Corrosion Resistance
- ✓ Smaller, Denser, Even Carbide Distribution

### Benefits

- ✓ Longer Lasting
- ✓ Slow Even Wear
- ✓ No Break-in Time
- ✓ Even Metering Side-to-Side
- ✓ Less Wearing To Anilox or Cylinder Rolls
- ✓ Tolerates High pH Environments

# Performance Ratings



## Characteristics Compared to Standard Strip Steel

- Alloy Stainless Single-Sourced Steel
- Carbide Sizes: 6 times smaller
- Carbides/mm<sup>2</sup>: 7.5 times more
- Friction Level: 3 times lower
- Corrosion Resistance: XXX
- Life: XX

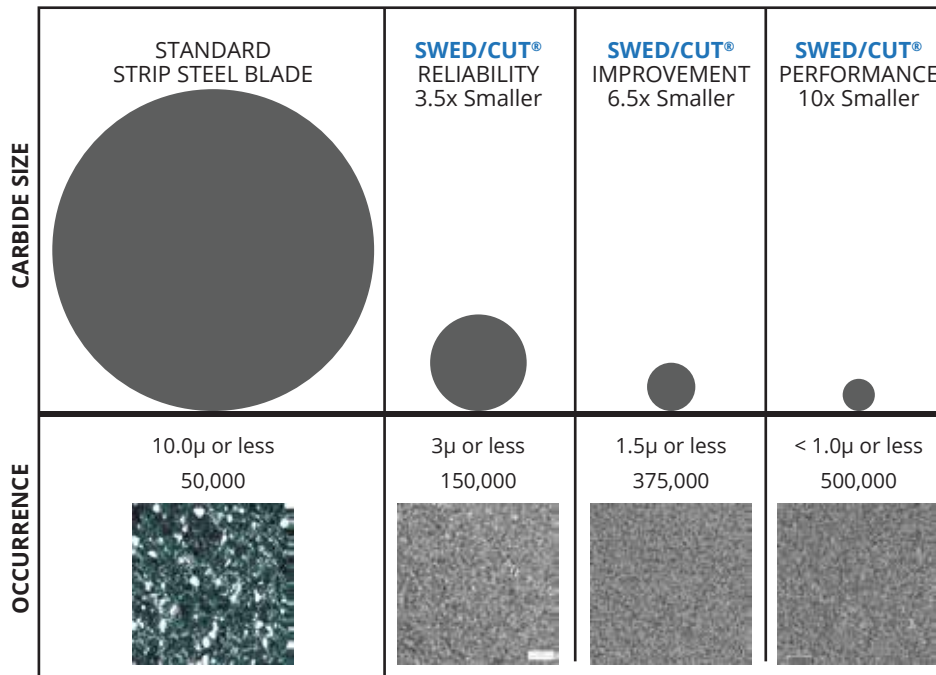
MICRONOX® I is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.



## Microstructure Matters

Compared to standard strip steel, the MICRONOX® I doctor blade's microstructure is defined by its small and evenly distributed carbide particulate which assures slow and even edge wear, low friction, and smooth ink film formation. For you that means a higher quality doctor blade that reduces the likelihood of common print defects, reduces wear to your anilox rolls, and allows you to run your blades longer.

## The Quantity and Size of Carbides Are Key To A Great Doctor Blade



### UNCOMPROMISED QUALITY NO SUBSTITUTIONS

SWED/CUT® doctor blades are always made from exact specified materials. We never substitute lower grades of steel in any situation including under our high performance coatings. Guaranteed.