

PrimeBlade

SWEDEN

PrimeBlade™ 900 Nano III Special Treated Alloyed Tool Steel

PrimeBlade 900 Nano III has been developed, together with partners in Nano technology, to treat and produce different steel qualities to optimizing the properties and performance. The microstructure of the PrimeBlade 900 steel consists of finely distributed, small carbides, giving it an exceptional wear resistance, reduced friction and higher printing performance. PrimeBlade 900 Nano III is produced by using the latest Nano technology, with the idea of not using the ceramic & nickel coatings that are used today; resulting in none of the side effects this can have on environment, brittleness and other issues.

It's a revolutionary patented metallurgic-treated High Quality Tool Steel blade which will extend blade life to hitherto unseen levels in non-ceramic coated blades in both flexo and gravure applications. The blade will outlast any non-ceramic blade on the market, without any of the brittleness associated with long life blades, with no extra consequent anilox roll/gravure cylinder wear and at a competitive price.

Today many of the flexible printers are looking for solutions that will improve the financial bottom line by; increasing productivity, printing quality and reducing the down due to lack of blade longevity. PrimeBlade Nano III will be a part of that solution.

PrimeBlade™ Type 900 Nano III advantages

- **High quality genuine Tool Steel, Long life wear resistance (Extended Life time)**
- **Perfect towards abrasive inks, such as white, metallic, pearlized, acidic inks etc.**
- **Less chamber adjustments**
- **Because of the very small carbides, it breaks down in much smaller particles**
- **Less friction towards the cylinder, reduced with 40-60**
- **High print quality, gives a cleaner wip**
- **No ceramic particles involved**

- **Thickness:** 0,15 mm – 0,30 mm
- **Straightness:** 1,0 mm/3000 mm
- 0,15 mm thickness steel:
- Hardness: 850 HV (Top surface only)