

TKM OptiPrint®

TKM OptiPrint doctor blades, designed for gravure and flexographic printing, are multi-purpose blades, gentle to your cylinders, manufactured of premium carbon steel with a high chromium content. The fine micro-steel structure wears down powderwise, preventing contamination from detached steel particles throughout the entire inking and doctoring system for a constantly high level of print quality

Advantages

- Up to to 50% higher durability
- Less cylinder wear
- Short start-up times (gravure)
- Continuous high print quality
- Less waste
- Reduced machine downtime

Doctor blade shape

Applications

Coatings

Lamella



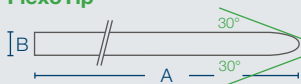
Gravure and flexographic printing ESP and Protect

Stable 2°



Gravure and flexographic printing ESP and Protect

FlexoTip



Flexographic printing Protect

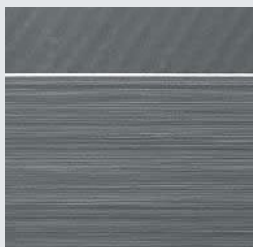
Detailed dimensions

A (doctor blade width)	10.0 mm – 80.0 mm
B (doctor blade thickness)	0.15 mm – 0.30 mm
C (tip thickness)	0.055 mm – 0.125 mm
D (tip width)	1.0 mm – 1.7 mm

Achieve even higher quality printing results with ESP and Protect

TKM's ESP treatment and Protect coating will increase the durability of your doctor blades and your cylinders leading to significantly higher quality printing results, with the following advantages:

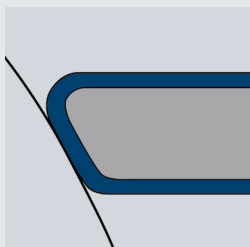
- Contact zone with the highest surface quality
- Less burr formation
- Corrosion protection
- Less waste
- Time saving on process start-up
- Less wear
- Higher durability



Doctor blade without ESP



Doctor blade with ESP



Doctor blade with Protect

TKM - today for tomorrow
your competitive advantage



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