



SWED/CUT® M-Flex® Plus

Series 600 Plus Steel

SWED/CUT® M-Flex® I is already known as a reliable and safe printing doctor blade. One of our intentions when developing the SWED/CUT® M-Flex® II doctor blade was to manufacture a blade with a more refined microstructure compared to existing doctor blades.

For SWED/CUT® M-Flex® Plus we have modified the steel grade composition and heat treatment procedure. That has given us an increased refinement of the microstructure and smaller harder carbides. The result is that SWED/CUT® M-Flex® Plus has harder carbides than both M-Flex® I and M-Flex® II.

The advantages of SWED/CUT® M-Flex® Plus Doctor Blade

- Very good strength and hardness
- Better ductility and spring-action
- Harder carbides than in M-Flex® I and M-Flex® II
- Increased lifetime
- Improved print quality
- The excellent refined microstructure of the blade reduces cylinder wear

Nominal Technical Data

Tensile strength thickness 0.20mm:	2100 N/mm ²
Hardness:	615 HV
Edge:	Radius (type 25), Bevel (type 10), Lamella (type 50)

