

**PB30**

**Information**

PB30 is a high quality Doctor Blade manufactured using a superior steel grade with additional chromium for improved wear resistance.

Manufactured from high quality European tool steel with a specially adapted microstructure, PB30's higher wear resistance makes it an ideal blade for use on high volume lines.

PB30 is available in a range of widths and thicknesses, with the choice of three industry standard edge profiles.

Manufactured in the United Kingdom at an ISO9001 certified factory, PrintBlade Doctor Blades are precision-ground using the latest advanced technology.



**Benefits**

- Specially adapted microstructure tool steel blade
- Added Chromium for increased hardness, excellent durability and higher wear resistance
- Precision ground edges with exceptional straightness for clean doctoring
- Supplied cut to required length
- Suitable for Rotogravure and Flexographic printing processes
- High performance from a low cost blade
- Reliable supply from an ISO9001 certified UK manufacturer.

**Edge Profiles**



**Bevel Edge**

Provides a constant edge for clean doctoring and reduced wear.

Bevel angles precision ground to your exact requirements.

Typically, bevel angles are ground to a range between 2° - 30°.



**Lamella Edge**

Most commonly used edge profile in the Flexographic, Gravure and Offset industries.

Provides a constant contact area with low friction and reduced wear.

Precision ground profile manufactured to your requirements to enable an



**Round Edge**

Double sided radius edge for smooth contact at high speeds.

Provides a high quality blade seal against the roller.

Used in the Flexographic and Rotogravure industries.

**Chemical Analysis**

Carbon	1.05%
Silicon	0.25%
Manganese	0.30%
Chromium	1.50%

**Details**

Tensile Strength	1900-2100 N/mm <sup>2</sup>
Straightness	0.6mm / 3m
Thicknesses	0.1, 1.15, 0.2mm
Width Range	15mm - 60mm

**Quality Assurance**

Every PrintBlade Doctor Blade is manufactured in Sheffield, UK, at our ISO9001:2015 certified factory.



All steel used in Doctor Blade manufacturing is fully traceable and sourced from Europe.