



Trouble-free die cutting of PET and other plastic products requires the use of cutting rules with special properties. Main criteria are wear resistance, cutting edge sharpness and optimal cutting quality. Standard criteria for high quality rules such as good bendability, low cutting force and long tool life are maintained.

BÖHLER Plast-X is a new and innovative cutting solution particularly suitable for blister packs, thermoplastic materials such as PET, PE, PP and PVC as well as laminated and coated boards.

The cutting edge of BÖHLER Plast-X is extra-hard and stable, which improves cutting performance (clean cutting, reduced cutting force) and tool life.

BÖHLER Plast-X – the cutting rule for plastic applications

RULE SPECIFICATION:

BÖHLER Plast-X

Hardness:	body edge	~ 390 HV (40 HRC) ~ 700 HV (59 HRC)
Bendability:		$\alpha = 80^\circ / R \sim 0,3 \text{ mm}$
Thickness:		2 pt
Heights:		23,60 / 23,80 mm (other heights on request)
Cutting bevels:		CF & CFDB
Bevel finish:		bright, ultrafine surface finish and extremely sharp edge
Cutting edge angle:		42°

BENEFITS:

- increased tool life
- great wear resistance
- clean cutting faces
- improved rule stability

FEATURES:

- harder rule body
- highest edge hardness
- ultrafine bevel-surface finish
- extremely sharp cutting edge

APPLICATION:

- PET, PE, PP und PVC
- foils
- laminated substrates
- coated/varnished cardboards



BÖHLER UDDEHOLM
precision *strip*