



Trouble-free die cutting of labels requires cutting rules with specific properties. Main requirements are dimensional accuracy, sharp cutting edges and easy processing on auto-benders. Additionally excellent bendability, reduced cutting force and long tool life are guaranteed.

Developed especially for optimal label processing Böhler offers the new cutting rule **label-X**. Due to its extremely high degree of accuracy and edge straightness it is highly recommended for precision kiss-cutting.

The new grinding process guarantees an extra fine cutting bevel and extremely sharp cutting edge.

BÖHLER **label-X** – the perfect cutting rule for labels

RULE SPECIFICATION:

BÖHLER **label-X**

Hardness:	body edge	~ 390 HV (40 HRC) ~ 640 HV (57 HRC)
Edge hardening:		standard hardening depth
Bendability:		$\alpha = 80^\circ / R \sim 0,3 \text{ mm}$
Thickness:		0,45 mm · 0,50 mm · 0,53 mm
Heights:		7,0 – 12,0 mm (other heights on request)
Cutting bevels:		CF
Bevel finish:		bright, extra fine bevel finish and very sharp edge
Cutting edge angle:		35°, 42°, 53°

BENEFITS:

- easy auto-processing
- dimensional accuracy
- excellent bendability
- long tool life

FEATURES:

- harder rule body
- high edge hardness
- high degree of accuracy
- excellent edge straightness
- very fine edge-surface finish
- extra sharp cutting edge

APPLICATION:

- die-cutting of labels



BÖHLER UDDEHOLM
precision *strip*