

# COLD WORK STEELS

## Available Product Shapes

Plates

## Product Description

High duty machine knives for the cellulose, paper and fiberboard industries. Flat and circular shear blades for plates up to 15 mm thickness.

## Properties

Cold work tool steel with excellent toughness and good wear resistance.

Material designation	
~1.2360	SEL
~A8	AISI

## Chemical composition

C	Si	Mn	Cr	Mo	V
0.52	0.95	0.40	8.00	1.40	0.35

## Material characteristics

	Compressive strength	Dimensional stability during heat treatment	Toughness	Wear resistance abrasive
<b>BÖHLER K329</b>	★★★	★★★	★★★★★	★★★★★
<b>BÖHLER K305</b>	★★★★★	★★★	★★	★★★★★
<b>BÖHLER K306</b>	★★★★★	★★★	★★★★★	★★★
<b>BÖHLER K313</b>	★★★★★	★★★	★★★	★★★
<b>BÖHLER K320</b>	★★★	★★★	★★★	★★★
<b>BÖHLER K600</b>	★	★★★	★★★★★	★
<b>BÖHLER K601</b>	★	★★★	★★★★★	★★
<b>BÖHLER K605</b>	★	★★★	★★★★★	★★

## Physical Properties at 20°C / 68°F

### Thermal Expansions

Temperature (°C / °F)	100 / 212	200 / 392	300 / 572	400 / 752	500 / 932
Thermal expansion (10 <sup>-6</sup> m/(m.K) / 10 <sup>-6</sup> inch/(inch.F))	11.5 / 6.389	12 / 6.667	12.2 / 6.778	12.5 / 6.944	12.8 / 7.111

For more information see [www.voestalpine.com/boehler-edelstahl](http://www.voestalpine.com/boehler-edelstahl)

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ONE STEP AHEAD.